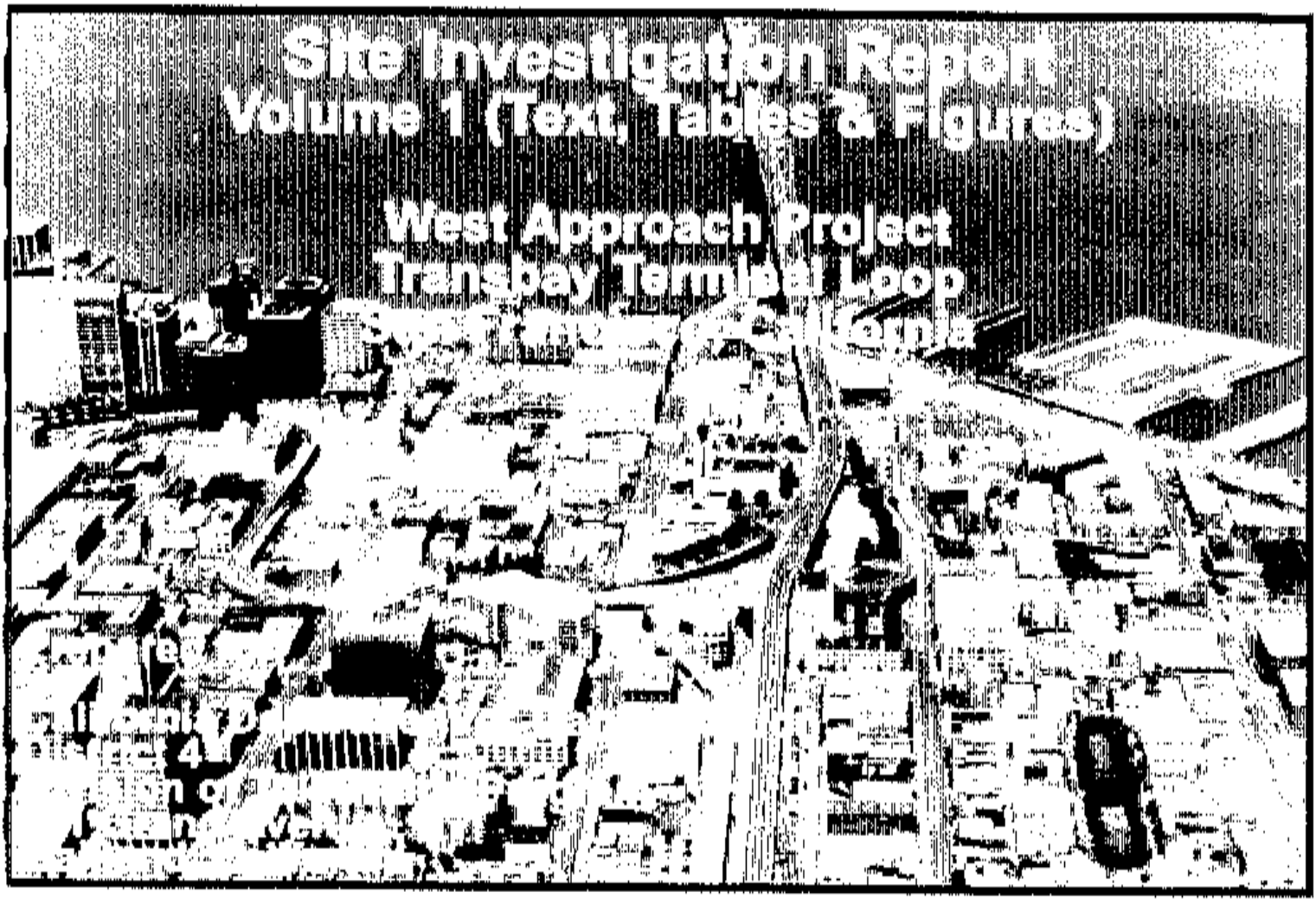
Site Investigation Report
Volume 1 (Text, Tables & Figures)

West Approach Project
Transbay Terminal Loop
Terminal



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Prepared by:

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California Department of Transportation
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and

PSI Information To Build On
Engineering • Consulting • Testing

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PSI Project #575-8G001

June 1999

SITE INVESTIGATION REPORT
VOLUME 1 (TEXT, TABLES, FIGURES)

WEST APPROACH PROJECT INCLUDING
TRANSBAY TERMINAL LOOP
SAN FRANCISCO, CALIFORNIA

prepared for

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Task Order Number: 04-133331-DC
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STATEMENT OF LIMITATIONS AND PROFESSIONAL CERTIFICATION

Information provided in this report is intended exclusively for the California Department of Transportation (Caltrans) for the evaluation of soil and/or groundwater contamination as it pertains to the subject site. Professional Service Industries, Inc., (PSI) is responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official view or policies of the State of California or the Federal Highway Administration. This report does not constitute a standard, specification, or regulation. The professional services provided have been performed in accordance with practices generally accepted by other geologists, hydrologists, hydrogeologists, engineers, and environmental scientists practicing in this field. No other warranty, either expressed or implied, is made. As with all subsurface investigations, there is no guarantee that the work conducted will identify any and all sources or locations of contamination.

This report is issued with the understanding that Caltrans is responsible for ensuring that the information contained in this report is brought to the attention of the appropriate regulatory agency. This report has been reviewed by a geologist who is registered in the State of California and whose signature and license number appears below.

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California Department of Transportation – District 4
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EXECUTIVE SUMMARY

Professional Service Industries, Inc. (PSI) was retained by the California Department of Transportation (Caltrans), to assess current soil and groundwater conditions at two sites. The West Approach site is along Highway 80 from Fifth Street to the San Francisco/Oakland Bay Bridge Anchorage. The Transbay Terminal Loop site is located from Folsom Street to Hunt Street underneath the western loop of the Transbay Terminal and Fremont Street (adjacent to the Transbay Terminal) to 1st Street underneath the eastern loop of the Transbay Terminal.

The objective of the project was to characterize the concentrations of selected potentially hazardous constituents in soil and groundwater. Analytical results from the soil and water investigation were examined with respect to regulatory requirements and landfill guidelines. The information was used to develop a strategy for handling excavated soil during construction.

Between May, 1998 and February 1999, PSI completed borings for six sets of drilling programs associated with the West Approach: temporary and permanent columns; demolition; seismic retrofit columns; landscaping; retaining walls; and additional borings requested by Caltrans. PSI completed two drilling programs for the Transbay Terminal Loop: temporary and permanent columns, and demolition.

As part of the investigation protocol, soil samples were collected using hollow-stem auger, Geoprobe, and hand-auger drilling techniques. Soil and groundwater samples were collected and transported to State of California Department of Health Services certified hazardous materials testing laboratories.

The results of the analyses of the soil and groundwater samples indicated that although several contaminants were occasionally detected in soil samples, the primary constituents of concern are lead, total petroleum hydrocarbon speciation (SPH-S), polychlorinated biphenyls PCB, and semi-volatile organic compounds (SVOC). The following conclusions could be reached based on the laboratory analyses.

- Based on their total or soluble concentrations being greater than the total or soluble threshold limit concentrations (TTLC or TSTLC) for lead, approximately 30 percent of the soil samples collected would be classified as hazardous by the State of California.

- Lead impacted soil was generally confined to the upper 3.0 meters (10 feet) of soil, and there was no other correlation between lead concentration, depth, or location.

- PSI recommends that during excavation activities, the soil be segregated based on whether it is lead, TPH-S/SVOC, or non-impacted soil to the extent practicable.

- Although several contaminants were detected in soluble groundwater samples (filtered), none of the groundwater samples had concentrations exceeding the San Francisco Department of Public Works (SFDPW) requirements.

- Due to elevated concentrations of lead and other contaminants measured at the site, the construction contractor should be aware of the health and safety concerns, regulatory requirements, and possible landfill restrictions in disposal of contaminated soil.

1.0 INTRODUCTION

Professional Service Industries, Inc. (PSI) has been retained by the California Department of Transportation (Caltrans), under Task Order Number 04-133331-DC, EA Number 133331 and Contract Number 43Y097, to assess current soil and groundwater conditions at two sites. The West Approach site is along Highway 80 from Fifth Street to the San Francisco/Oakland Bay Bridge Anchorage. The Transbay Terminal Loop site is located from Folsom Street to Hunt Street underneath the western loop of the Transbay Terminal and Fremont Street (adjacent to the Transbay Terminal) to 1st Street underneath the eastern loop of the Transbay Terminal. Both sites are located in San Francisco, California (project area; Figure 1). The work is being performed preliminary to Caltrans construction activities. The scope of work for this investigation includes:

- Geophysical Survey;
- Site investigation to characterize soil and groundwater contamination, if present;
- Final Report detailing the results of the investigation.

1.1 PROJECT BACKGROUND

The project site associated with the west approach is located along the Highway 80 right-of-way from Fifth Street to the Bay Bridge Anchorage. The Transbay Terminal Loop is located from Folsom Street to Hunt Street underneath the western loop of the Transbay Terminal and Fremont Street (adjacent to the Transbay Terminal) to 1st Street underneath the eastern loop of the Transbay Terminal.

The work is being performed preliminary to Caltrans construction activities. Previous sampling events have reported elevated concentrations of lead, petroleum hydrocarbons, and semi-volatile organic compounds. Additional work, described in this report, was performed to better characterize the site conditions prior to initiating construction activities.

1.2 PROJECT OBJECTIVE

The objective of the project was to characterize the concentrations of selected potentially hazardous constituents in soil and groundwater, and to evaluate their potential impact on construction activities. Analytical results from the soil and water investigation were examined with respect to regulatory requirements and landfill guidelines. The information was used to development of a strategy for handling excavated soil during construction.

1.3 PROJECT TEAM

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Contact	Affiliation	Responsibility
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2.0 SUBSURFACE INVESTIGATION

Samples were collected along the project corridor to provide information on existing soil and groundwater quality. The goal of the sampling program was to investigate soil and groundwater conditions to the depth of anticipated construction excavation. By reviewing the data, construction contractors can forecast the final disposal options prior to initiating excavation or drilling activities.

In addition, this section describes the methodology implemented to collect soil and groundwater samples for laboratory analyses. The objectives of these procedures were to investigate the potential presence of subsurface contaminants, while minimizing the potential for cross-contamination during sampling operations. Prior to initiation of field activities, Underground Service Alert (USA) was contacted to locate buried utilities in the vicinities of the soil borings. A geophysical investigation identified utility lines in some areas and the boring locations were adjusted accordingly. No utilities were damaged in this investigation.

Between May, 1998 and February 1999, PSI completed borings for six sets of drilling programs associated with the West Approach: temporary and permanent columns; demolition; seismic retrofit columns; landscaping; retaining walls; and additional borings requested by Caltrans. PSI completed two drilling programs for the Transbay Terminal Loop: temporary and permanent columns, and demolition.

2.1 GEOPHYSICAL SURVEY

Because the area of investigation contains numerous underground utilities, utility location was performed. Prior to commencement of drilling activities, a geophysical survey was performed at each of the boring locations. Norcal Geophysics of Petaluma, California investigated the presence of utilities.

A combination of ground penetrating radar, electromagnetic induction, a magnetic gradiometer, and utility locator with line tracing capabilities was applied to the search. Multiple methods were utilized because each instrument senses different material properties of the ground and buried objects. At any given site, the situation may be such that one or two of the instruments may record excessive "noise", as the ground may not provide sufficient contrast or there may be overlapping anomalies. Generally, however, the interpretation is based on the best reconciliation of several data sets. No utilities were damaged in this investigation.

2.2 SOIL SAMPLING AND DRILLING

Soil sampling was accomplished using a hollow-stem auger drilling rig, a direct push Geoprobe rig, and hand auguring. Drilling services for borings drilled deeper than 9 meters (30 feet) below ground surface (bgs) were provided by V & W Drilling of Rio Vista, California. These borings were drilled using a truck mounted drill rig with 0.2 meter (eight-inch) outside diameter, hollow-stem augers. Drilling services for borings drilled shallower than 9 meters (30 feet) bgs were provided by Fisch Environmental of Valley Springs, California. The borings were advanced by the Geoprobe direct push drilling technique. Shallow borings (0.9 meters (3 feet) in depth) were drilled using a hand-auger. Additionally, several borings in areas that were inaccessible to a drill rig were drilled using a hand auger. The locations of the borings can be found in Figures 2 (Plans BL-1 through BL-4) and 3 (Plans TTL-1 through TTL-6).

The filed work for drilling and soil sampling activities were conducted in accordance with the field procedures outlined in Appendix A. Upon completion of drilling, borings drilled using the hollow-stem auger were grouted with neat cement, borings drilled with a Geoprobe or hand auger were grouted with hydrated bentonite.

Soil samples were collected by a PSI geologist working under the supervision of a State of California Registered Geologist. When using the hollow-stem auger drill rig, the samples were collected in a split-spoon sampler, lined with 0.15 meter (6-inch) stainless-steel tubes. Upon retrieval of the sampler, a minimum of one stainless steel tube was preserved for chemical analyses. When using the Geoprobe drill rig, the soil samples were collected in acetate liners, which filled the Geoprobe sampling probe. The soil samples were collected by cutting the interval for chemical analyses out of acetate liners. All samples were prepared for shipping by capping the ends with Teflon sheeting, plastic end caps, and duct tape. All soil samples were labeled using a permanent marking pen identifying the sampler, boring name, sample collection depth, time, and date. Collected samples were placed in a cooler containing ice and maintained under chain-of-custody protocol.

The soil samples were logged on chain-of-custody records and transported to Pace Analytical (Pace) of Long Beach, California or Centrum Analytical Laboratories (Centrum) of Redlands, California, following chain-of-custody protocol. Both laboratories are California Department of Health Services-certified hazardous materials testing laboratories.

Soil was described by a PSI geologist and recorded on a field-boring log for each boring drilled (Appendix B). The data recorded on the logs was based on examination of soil samples retrieved and drilling conditions observed in the field. Boring logs include the location of the boring, type of sampler used, and geologic descriptions of materials encountered. Soils were classified according to the Unified Soil Classification System (USCS). Other information recorded on the logs includes: indications of potential contaminants and the occurrence of, and depth to water. Organic Vapor Analyzer (OVA) measurements for soil samples were recorded on the field boring logs.

2.3 GROUNDWATER SAMPLING

Upon reaching the total depth at selected borings, grab groundwater samples were collected using disposable polyethylene tubing equipped with a check valve lowered through the drill stem to collect groundwater samples. Grab groundwater samples were collected at West Approach in borings T1-4, TNF3-1, TNF6-2, TNF7-4, TNF8-2, T10-1, T3-2, and T5-4 and at Transbay Terminal in borings TTB2-2-2, TTBX-2, TTBO-1, TTB69-1, TTB69-4, and TTB64-1. Field work for groundwater sampling was performed in accordance with the procedures described in Appendix A. Samples were stored in a cooler containing ice and maintained under chain-of-custody protocol. Upon collection of the groundwater samples, the borings were grouted with hydrated bentonite.

2.4 GEOLOGIC CONDITIONS

San Francisco is located on a peninsula between the Pacific Ocean and the San Francisco Bay. San Francisco is the type area for the Franciscan Formation. The Franciscan Formation consists of sandstone, shale, and volcanic rock with minor amounts of chert, conglomerate, limestone, and metamorphic rocks. Franciscan rocks are encountered in topographic uplands and in borings that extend to a sufficient depth. The topographic lowlands are generally underlain by unconsolidated sediments, whereas the uplands are of indurated Franciscan rocks. Much of the area south of Mission Street has received fill to raise the surface level (USGS, 1966).

Sea level elevations have varied as much as 90 to 120 meters (300 to 400 feet) below the present elevation. During cooler climatic conditions when water was frozen in glaciers, San Francisco Bay did not exist and the ocean shoreline was located near the Farallon Islands. During warmer climatic conditions (such as during present conditions) sea level was close to its present position due to partial melting of glaciers. During

each of these major sea-level highstands, estuarine sediment was deposited in the bay (Helly, et al., 1979).

Unconsolidated sediments typically occur as low permeability fine grained materials with lenses of higher permeability sand and gravel deposits. The unconsolidated materials were deposited during major changes in sea level caused by worldwide climatic fluctuations over the past million years (Helly, et al., 1979). Groundwater occurs in fractures of the Franciscan rocks and in the unconsolidated sediments in the lowland areas.

2.4.1 Project Site Geology-West Approach: New Bents 25 through 28

At the eastern portion of the project, at the anchorage of the Bay Bridge, Franciscan rocks are exposed at the surface. Sandstone and clay/siltstone can be observed at the surface. Between New Bents 25 and 28, artificial fill has been placed to level the area for the anchorage construction. Fill materials consisted of gravel, sand, clay and silt mixtures with brick, concrete, metal debris, and some wood. Bedrock was encountered in the borings as shown on the boring logs included in Appendix B. Bedrock consisted of sandstone and clay/siltstone. The hollow stem auger drilling rig was able to penetrate the upper portions of the clay/siltstone but not the sandstone. The Geoprobe drilling rig was not able to penetrate either the clay/siltstone or the sandstone.

Groundwater was not encountered in any of the soil borings located between New Bents 25 and 28.

2.4.2 Project Site Geology-West Approach: New Bents 17 through 25

At the eastern/central portion of the project, located in the topographic upland west of the Bay Bridge anchorage, Franciscan rocks are exposed at the surface. Sandstone and clay/siltstone were observed at the surface. Between New Bents 17 and 25, minimal fill was encountered. Bedrock was encountered in the borings as shown on the boring logs included in Appendix B. Bedrock consisted of sandstone and clay/siltstone. The hollow stem auger drilling rig was able to penetrate the upper portions of the clay/siltstone but not the sandstone. Neither the Geoprobe drilling rig nor hand auger were able to penetrate either the clay/siltstone or the sandstone.

Groundwater was not encountered in any of the soil borings located between New Bents 17 and 25.

2.4.3 Project Site Geology-West Approach: New Bents Fifth through 17

At the western portion of the project, between New Bents Fifth 1 through Fifth 7 and New Bents 1 through 17, bedrock was not exposed at the surface. Between New Bents Fifth and 17, artificial fill has been placed to level the area for the highway construction and raise the area. The western portion of the area had undergone some subsidence. Fill materials consisted of gravel, sand, clay and silt mixtures with brick, concrete, metal debris, and some wood. Bedrock was encountered in the borings as shown on the boring logs included in Appendix B.

Groundwater was encountered in soil borings located between 0.9 and 4.5 meters (3 and 15) feet blow ground surface (bgs). Groundwater was detected on the western portion of the project (New Bents Fifth through 17) and not in the middle or eastern portions of the project, as the areas in the middle and eastern portion of the site have been built up with fill material for the building of the West Approach. Groundwater is not typically found in this fill material.

2.4.4 Project Site Geology-Transbay Terminal Loop

During drilling and sampling activities, artificial fill was observed. The fill was identified based on the presence of debris, such as brick, wood, and metal debris. The fill was likely placed to level the area for the highway construction and to raise the area elevation.

Groundwater was encountered in soil borings located between 0.9 and 4.5 meters (3 and 15) feet bgs.

2.5 DRILLING PROGRAM-WEST APPROACH: LANDSCAPING BORINGS

A total of fifteen landscape borings were drilled at the site using hand-auger equipment (Figure 2). Landscape borings were designated with the letter L before the boring number. The borings were drilled in three areas: one east of the intersection of Fifth Street and the Bay Bridge; one north of the intersection of Delancy Street and Bryant Street; and one south of the Transbay Terminal Loop between First Street and Fremont. Landscaping borings were generally drilled to 0.9 meters (3 feet) bgs. However, due to encountering bedrock in some locations, the borings could not be advanced past 0.6 meters (2 feet) bgs. If borings could not be advanced, a soil sample was collected from the bottom of the borehole.

2.6 DRILLING PROGRAM-WEST APPROACH: RETAINING WALLS BORINGS

A total of fourteen retaining wall borings were drilled at the site using hand-auger equipment (Figure 2). Retaining wall borings were designated with the letter B before the boring number. The borings were drilled in six areas: one north of the intersection of Delancy Street and Bryant Street; one east of the First Street on-ramp to the Bay Bridge; one west of Essex Street just north of Harrison Street; one on Rincon north of Bryant, one south of the Transbay Terminal Loop between First Street and Fremont; and one north of the Transbay Terminal Loop between First Street and Fremont. Landscaping borings were scheduled to be drilled to 1.8 meters (6 feet) bgs. However, due to encountering bedrock in most locations, most borings could not be advanced to 1.8 meters (6 feet) bgs. If borings could not be advanced, a soil sample was collected from the bottom of the borehole.

2.7 DRILLING PROGRAM-WEST APPROACH: SEISMIC RETROFIT BORINGS

A total of nine seismic retrofit borings were drilled at the site using hollow-stem and Geoprobe equipment (Figure 2). Seismic retrofit borings were designated with the letter R before the boring number. The borings were drilled in the area beneath the Bay Bridge just east of the intersection of the Bay Bridge and the Harrison off-ramp. Seismic retrofit borings were scheduled to be drilled until two soil samples were collected from native material, based on a lack of observable fill debris. Depths of seismic retrofit borings ranged from 3 to 16.5 meters (10 to 55 feet).

2.8 DRILLING PROGRAM-WEST APPROACH: DEMOLITION BORINGS

A total of seventy-four demolition borings were drilled at the site using hand-auger and Geoprobe equipment (Figure 2). Demolition borings were designated with the letter D before the boring number. The borings were drilled in all areas of the subject site. Demolition borings were generally drilled to 0.9 meters (3 feet) bgs. However, due to encountering bedrock, old pavement, and building debris in some locations, the borings could not be advanced to 0.6 meters (2 feet) bgs. If borings could not be advanced, a soil sample was collected from the bottom of the borehole.

2.9 DRILLING PROGRAM-WEST APPROACH: PERMENANT AND TEMPORARY COLUMN BORINGS

A total of 113 permanent and temporary column borings were drilled at the site using hollow-stem auger, hand-auger and Geoprobe equipment (Figure 2). Permanent and temporary column borings were designated with the letter T before the boring number with borings drilled near Fifth Street designated TNF, borings drilled beneath the Harrison off-ramp TH, and borings drilled along the Fremont off-ramp designated TF. The borings were drilled in areas across the project area. Borings were scheduled to be drilled until two soil samples were collected from native material. Depths of permanent and temporary column borings ranged from ground surface to 18 meters (60 feet). However, due to encountering bedrock, old pavement, and building debris, the borings could not be advanced to the depth desired in some borings. If borings could not be advanced, a soil sample was collected from the bottom of the borehole.

2.10 DRILLING PROGRAM-WEST APPROACH: ADDITIONAL BORINGS

A total of 18 additional borings were drilled at the site using Geoprobe equipment (Figure 2). Additional borings were designated with the letter A before the boring number. The borings were drilled in areas across the project area. Additional borings were scheduled to be drilled until two soil samples were collected from native material. Depths of the additional borings ranged from 1.5 to 6 meters (5 to 20 feet). However, due to encountering bedrock, old pavement, and building debris, the borings could not be advanced to the depth desired in some borings. If borings could not be advanced, a soil sample was collected from the bottom of the borehole.

2.11 DRILLING PROGRAM-TRANSBAY TERMINAL LOOP: DEMOLITION BORINGS

A total of 52 demolition borings were drilled at the site using hand-auger and Geoprobe equipment (Figure 3). Demotion borings were designated with the letter "DTB" before the boring number. The borings were drilled in all areas of the subject site. Demolition borings were generally drilled to 0.9 meters (3 feet) bgs. However, due to encountering bedrock, old pavement, and building debris in some locations drilling refusal was encountered. If borings could not be advanced, a soil sample was collected from the bottom of the borehole.

2.12 DRILLING PROGRAM-TRANSBAY TERMINAL LOOP: PERMENANT AND TEMPORARY COLUMN BORINGS

A total of 85 permanent and temporary column borings were drilled at the site using hand-auger and Geoprobe equipment (Figure 3). Permanent and temporary column borings were designated with the letter TTB before the boring number. The borings were drilled in areas across the project area. Seismic retrofit borings were scheduled to be drilled to a depth sufficient to collect two soil samples from native material. Depths of seismic retrofit borings ranged from ground surface to 4.5 meters (15 feet).

3.0 ANALYTICAL LABORATORY PROGRAM

The soil samples were submitted to Pace and Centrum, State of California Department of Health Services-certified hazardous waste laboratories. The sampling schedule for each of the borings and programs can be found in the PSI Workplan for this project. A summary of the types of analyses and analytical methods is presented below:

- California Code of Regulations Metals (17 Metals) in accordance with EPA Method 6010;
- Total Petroleum Hydrocarbon Speciation (TPH-S) in accordance with a modified Environmental Protection Agency (EPA) Method 8015 and includes Total Petroleum Hydrocarbons as Gasoline (TPH-G); Total Petroleum Hydrocarbons as Diesel (TPH-D); and Total Petroleum Hydrocarbons as Motor Oil (TPH-MO);
- Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX) and Methyl Tertiary Butyl Ether (MTBE) in accordance with EPA Method 8020;
- Polychlorinated Biphenyls (PCBs) in accordance with EPA Method 8080;
- Volatile Organic Compounds (VOC) in accordance with EPA Method 8260; and
- Semi-Volatile Organic Compounds (SVOC) in accordance with EPA Method 8270.

The State of California has set up regulatory criteria for metals in soil based on their total and soluble concentrations. The limit set for total concentrations is the Total Threshold Limit Concentration (TTLC), and if a metal's total concentration exceeds this value, the sample is considered to be hazardous. The limit set for soluble concentrations is the Soluble Threshold Limit Concentration (STLC), and if a metal's total concentration exceeds ten times this value, a Waste Extraction Test (WET) is performed. The resulting soluble concentration is compared to the metal's WET and if it is above, the sample is considered to be hazardous by the State of California. To determine if the sample is a Resource, Conservation and Recovery Act (RCRA) hazardous waste, an additional soluble test must be performed. This test is the Toxicity Characteristic Leaching Procedure (TCLP).

If soil samples had total metal concentrations exceeding ten times their respective STLC and were below their respective TTLC, a WET was performed. If total metal concentrations exceeded the TTLC or soluble metal concentration exceeded the STLC, a TCLP was performed.

Due to poor sample recovery in a number of the borings, WET and TCLP could not always be performed due to a lack of available soil.

4.0 ANALYTICAL LABORATORY RESULTS

The results of the sampling program are summarized in Tables 1 through 34. The analytical reports and chain-of-custody documentation are presented in Appendix C.

4.1 LABORATORY RESULTS LANDSCAPE BORINGS-WEST APPROACH: METALS

Soil samples analyzed for CCR metals detected concentrations of antimony, arsenic, barium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, vanadium, and zinc (Table 1). Twenty-nine soil samples were analyzed for CCR metals content. None of the metals had concentrations greater than the TTLC for their respective metals.

Of the 29 soil samples analyzed, five soil samples had chromium concentrations equal to or greater than ten times the chromium STLC, nineteen soil samples had lead concentrations equal to or greater than ten times the lead STLC, and one soil sample had a mercury concentration greater than ten times the mercury STLC. At the direction of Caltrans, a WET was performed on these samples. None of the chromium or mercury soil samples had soluble concentrations greater than their respective STLC. However, thirteen soil samples had soluble lead concentrations greater than its STLC. The material represented by these samples could be classified as hazardous by the State of California upon excavation and classification as a waste material.

The soil samples with soluble lead concentrations greater than the STLC were also analyzed according to the TCLP for lead. None of the lead samples had soluble concentrations greater than 5 mg/l, therefore the soil would be classified as a State of California designated waste and not a Resource, Conservation, and Recovery Act (RCRA) waste material.

4.2 LABORATORY RESULTS LANDSCAPE BORINGS-WEST APPROACH: ORGANICS

No measurable TPH-S or VOC concentrations were detected in any of the soil samples analyzed (Tables 2 and 3) with the exception of L15 at 0.6 meters (2 feet) with a toluene concentration of 0.001 milligrams per kilogram (mg/kg) using EPA method 8260. The results of the analyses for SVOCs indicated detectable concentrations in eight soil samples (Table 4). The results of the soil analyses were compared to US EPA Region IX Preliminary Remediation Goals (PRGs) promulgated for contaminants in industrial soil.

Two of the soil samples (L15-1 and L15-2) had SVOC concentrations above the PRG for benzo(a)pyrene. The results of the analyses for PCBs indicated detectable concentrations in four soil samples. The results of the soil analyses were compared to California Code of Regulations Title 22 List of Inorganic Persistent and Bioaccumulative Toxic Substances and their TTLC Values (Title 22). None of the samples had PCB concentrations above the TTLC value for PCB (50 milligrams per kilogram (mg/kg)).

4.3 LABORATORY RESULTS RETAINING WALL BORINGS-WEST APPROACH: METALS

Soil samples analyzed for CCR metals detected concentrations of arsenic, barium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, thallium, vanadium, and zinc (Table 5). Twenty-seven soil samples were analyzed for CCR metals content. One soil sample had a concentration greater than the TTLC for lead. This sample could be classified as hazardous by the State of California upon excavation and classification as a waste material.

Of the 27 soil samples analyzed, 19 of the samples had lead concentrations equal to or greater than ten times the lead STLC, and 2 soil samples had a mercury concentration greater than 10 times the mercury STLC. At the direction of Caltrans, a WET was performed on these samples. The mercury soil samples did not have a soluble concentration greater than its respective STLC. However, 11 soil samples had soluble lead concentrations greater than the STLC for lead. These samples could be classified as hazardous by the State of California upon excavation and classification as a waste material.

The soil samples with soluble lead concentrations greater than the STLC were also analyzed according to the TCLP for lead. None of the lead samples had soluble concentrations greater than 5 mg/l, therefore the soil would be classified as a State of California designated waste and not a RCRA waste material.

4.4 LABORATORY RESULTS RETAINING WALL BORINGS-WEST APPROACH: ORGANICS

No measurable VOC concentration were detected in any of the soil samples analyzed with the exception of trace concentrations of BTEX in soil samples collected at 0.3 and 0.9 meters (1 and 3 feet) bgs in boring B-14 (Table 6 and 7). The results of the analyses for TPH-S indicated detectable concentrations in 9 soil samples with concentrations ranging from 14 to 110 mg/kg. The majority of these samples had a hydrocarbon range

equivalent to waste oil or higher. The results of the analyses for SVOC indicated detectable concentrations in 4 soil samples (Table 8). The results of the soil analyses were compared to their PRGs. One of the soil samples had a SVOC concentration above its respective PRG for benzo(b)fluoranthene. The results of the analyses for PCB indicated detectable concentrations in two soil samples. The results of the soil analyses were compared to Title 22. None of the samples had PCB concentrations above the TTLC value for PCB (50 mg/kg).

4.5 LABORATORY RESULTS SEISMIC RETROFIT BORINGS-WEST APPROACH: METALS

Soil samples analyzed for CCR metals detected concentrations of arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, thallium, vanadium, and zinc (Table 9). Sixty-five soil samples were analyzed for CCR metals content. None of the metals had concentrations greater than the TTLC for their respective metals.

Of the 74 soil samples analyzed, 2 soil samples had chromium concentrations equal to or greater than 10 times the chromium STLC, 26 soil samples had lead concentrations equal to or greater than 10 times the lead STLC, and 1 soil sample had a mercury concentration greater than 10 times the mercury STLC. At the direction of Caltrans, a WET was performed on these samples. The chromium and mercury soil samples did not have soluble concentrations greater than their respective STLC. However, 19 soil samples had soluble lead concentrations greater than the STLC for lead. The materials represented by these samples could be classified as hazardous by the State of California upon excavation and classification as a waste material.

The soil samples with soluble lead concentrations greater than the STLC were also analyzed according to the TCLP for lead. None of the lead samples had soluble concentrations greater than 5 mg/l, therefore the soil would be classified as a State of California designated waste and not a RCRA waste material.

4.6 LABORATORY RESULTS SEISMIC RETROFIT BORINGS-WEST APPROACH: ORGANICS

No measurable VOC or SVOC concentrations were detected in any of the soil samples analyzed (Table 10). The results of the analyses for TPH-S indicated detectable concentrations in 4 soil samples with concentrations ranging from 40-600 mg/kg. The majority of these samples had a hydrocarbon range equivalent to waste oil or higher. The results of the analyses for PCB indicated detectable concentrations in four soil samples. The results of the soil analyses were compared to Title 22. None of the samples had PCB concentrations above the TTLC value for PCB (50 mg/kg).

4.7 LABORATORY RESULTS DEMOLITION BORINGS-WEST APPROACH: METALS

Soil samples analyzed for CCR metals detected concentrations of antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, thallium, vanadium, and zinc (Table 11). A total of 136 soil samples were analyzed for CCR metals content. Seven soil samples had a concentration greater than the TTLC for lead. The materials represented by these samples could be classified as hazardous by the State of California upon excavation and classification as a waste material.

Of the 138 soil samples analyzed, 12 soil samples had chromium concentrations equal to or greater than 10 times the chromium STLC and 54 soil samples had lead concentrations equal to or greater than 10 times the lead STLC. At the direction of Caltrans, a WET was performed on these samples. The chromium soil samples did not have soluble concentrations greater than its respective STLC. However, 28 soil samples had soluble lead concentrations greater than the STLC for lead. Those samples could be classified as hazardous by the State of California upon excavation and classification as a waste material.

The soil samples with soluble lead concentrations greater than the STLC were also analyzed according to the TCLP for lead. Four of the lead samples had soluble concentrations greater than 5 mg/l, therefore the soil would be classified as a RCRA waste material in the vicinity of these samples. All of the samples found to be RCRA material were surface soil samples.

At the direction of Caltrans, a WET was performed on these samples. The chromium, mercury, and nickel soil samples did not have soluble concentrations greater than their respective STLC. However, 1 soil sample had soluble copper concentration greater than the STLC and 77 soil samples had soluble lead concentrations greater than the STLC for lead. The materials represented by these samples could be classified as hazardous by the State of California upon excavation and classification as a waste material.

The soil samples with soluble lead concentrations greater than the STLC were also analyzed according to the TCLP for lead. Two of the lead samples had soluble concentrations greater than 5 mg/l, therefore the soil would be classified as a RCRA waste material in the vicinity of these samples. The soil samples found to be a RCRA material were surface soil samples. As only 2 of the 377 soil samples had a soluble concentration greater than the federal criteria of 5 mg/l after a TCLP, this result is not consistent with other samples and could represent an anomaly or outlier.

4.10 LABORATORY RESULTS PERMANENT AND TEMPORARY COLUMNS-WEST APPROACH: ORGANICS

The results of the analyses for TPH-S indicated detectable concentrations in 33 soil samples with concentrations ranging from 20 to 910 mg/kg (Table 16). The majority of these samples had a hydrocarbon range equivalent to waste oil or higher. The results of the analyses for VOC indicated detectable concentrations in 10 soil samples (Table 17). The results of the soil analyses were compared to US EPA Region IX PRGs promulgated for contaminants in industrial soil. None of the VOC compounds were above their respective PRG. The results of the analyses for SVOC indicated detectable concentrations in 15 soil samples (Table 18). The results of the soil analyses were compared to US EPA Region IX PRGs promulgated for contaminants in industrial soil. Two of the SVOC compounds were above their respective PRG. The results of the analyses for PCB indicated detectable concentrations in 12 soil samples. The results of the soil analyses were compared to Title 22. Three of the samples had PCB concentrations above the TTLC value for PCB (50 mg/kg). The materials represented by these samples could be classified as hazardous by the State of California upon excavation and classification as a waste material.

4.11 LABORATORY RESULTS ADDITIONAL BORINGS-WEST APPROACH: METALS

Soil samples analyzed for CCR metals detected concentrations of arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, thallium, vanadium, and zinc (Table 19). Eighty-four soil samples were analyzed for CCR metals content. None of the metals had concentrations greater than the TTLC for their respective metals.

Of the 84 soil samples analyzed, 22 soil samples had lead concentrations equal to or greater than 10 times the lead STLC, and 8 soil samples had mercury concentrations greater than 10 times the mercury STLC. At the direction of Caltrans, a WET was performed on these samples. The mercury soil samples did not have soluble concentrations greater than their respective STLC. However, 9 soil samples had soluble lead concentrations greater than the STLC for lead. These samples could be classified as hazardous by the State of California upon excavation and classification as a waste material.

The soil samples with soluble lead concentrations greater than the STLC were also analyzed according to the TCLP for lead. None of the lead samples had soluble concentrations greater than 5 mg/l, therefore the soil would be classified as a State of California designated waste and not a RCRA waste material.

4.12 LABORATORY RESULTS ADDITIONAL BORINGS-WEST APPROACH: ORGANICS

The results of the analyses for TPH-S indicated detectable concentrations in 29 soil samples with concentrations ranging from 10 to 160 mg/kg (Table 20). The majority of these samples had a hydrocarbon range equivalent to waste oil or higher. The results of the analyses for VOC indicated detectable concentrations in one soil sample (Table 21). The results of the soil analyses were compared to US EPA Region IX PRGs promulgated for contaminants in industrial soil. None of the VOC compounds were above their respective PRG. The results of the analyses for SVOC indicated detectable concentrations in 11 soil samples (Table 22). The results of the soil analyses were compared to US EPA Region IX PRGs promulgated for contaminants in industrial soil. Two of the SVOC compounds were above their respective PRG for benzo(a)pyrene. The results of the analyses for PCB indicated non-detectable concentrations in all soil samples.

4.13 LABORATORY RESULTS GROUNDWATER-WEST APPROACH - METALS

Eight groundwater samples were collected and analyzed. The analyzed groundwater samples had detectable concentrations of arsenic and mercury (Table 23). The concentrations were compared to the City and County of San Francisco Department of Public Work (SFDPW) Requirements for Batch Wastewater Discharges. The arsenic and mercury concentrations detected were below the SFDPW requirements for batch wastewater discharges.

4.14 LABORATORY RESULTS GROUNDWATER-WEST APPROACH: ORGANIC COMPOUNDS

None of the groundwater samples had detectable concentrations of the following constituents: TPH-S, SVOC, and PCB (Table 24). Benzene was detected in 2 of the groundwater samples at concentrations of 24 and 110 micrograms per liter (ug/l). MTBE was detected in 3 of the groundwater samples with concentrations ranging from 6.1 to 95 ug/l. No other VOC compounds were detected. The benzene concentrations are above the State of California Primary Drinking Water Standard for benzene (1.0 ug/l). However, the concentration detected is below the SFDPW discharge requirement of 500 ug/l.

4.15 LABORATORY RESULTS DEMOLITION BORINGS-TRANSBAY TERMINAL LOOP: METALS

Soil samples analyzed for CCR metals detected concentrations of antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, silver, thallium, vanadium, and zinc (Table 25). A total of 103 soil samples were analyzed for CCR metals content. Ten soil samples had a concentration greater than the TTLC for mercury, lead and/or copper. The materials represented by these samples could be classified as hazardous by the State of California upon excavation and classification as a waste material.

Of the 103 soil samples analyzed, 12 soil samples had copper concentrations equal to or greater than 10 times the chromium STLC, 67 soil samples had lead concentrations equal to or greater than 10 times the lead STLC, 18 soil samples had mercury concentrations equal to or greater than 10 times the mercury STLC, and two soil samples had zinc concentrations equal to or greater than 10 times the zinc STLC. At the direction of Caltrans, a WET was performed on these samples. Five soil samples had soluble copper concentrations, 46 soil samples had soluble lead concentrations, and one soil sample had

a zinc concentration greater than their respective STLCs. These samples could be classified as hazardous by the State of California upon excavation and classification as a waste material.

The soil samples with soluble lead concentrations greater than the STLC were also analyzed according to the TCLP for lead. Seven of the lead samples had soluble concentrations greater than 5 mg/l. The materials represented by these samples would be classified as a RCRA waste material in the vicinity of these samples.

4.16 LABORATORY RESULTS DEMOLITION BORINGS-TRANSBAY TERMINAL LOOP: ORGANICS

The results of the analyses for TPH-S indicated detectable concentrations in 62 soil samples with concentrations ranging from 10 to 1,900 mg/kg (Table 26). The majority of these samples had a hydrocarbon range equivalent to waste oil or higher. The results of the analyses for VOC indicated detectable concentrations in 13 soil samples (Table 27). The results of the soil analyses were compared to US EPA Region IX PRGs promulgated for contaminants in industrial soil. None of the VOC compounds were above their respective PRG.

The results of the analyses for SVOC indicated detectable concentrations in 15 soil samples (Table 28). The results of the soil analyses were compared to US EPA Region IX PRGs promulgated for contaminants in industrial soil. Nine of the soil samples had SVOC concentrations above their respective PRG.

The results of the analyses for PCBs indicated detectable concentrations in one soil sample. The results of the soil analyses were compared to CCR Title 22 criterion; PCB concentration was below the TTLC value for PCB (50 mg/kg).

4.17 LABORATORY RESULTS PERMENANT AND TEMPORARY COLUMNS-TRANSBAY TERMINAL LOOP: METALS

Soil samples analyzed for CCR metals detected concentrations of antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, thallium, vanadium, selenium, silver, and zinc (Table 29). A total of 353 soil samples were analyzed for CCR metals content or lead. Fourteen soil samples had a concentration greater than the TTLC for cadmium, lead, and/or zinc. These samples could be classified as hazardous by the State of California upon excavation and classification as a waste material.

Of the 353 soil samples analyzed, the following number of samples exceeded their respective STLC:

- 3 soil samples for arsenic
- 3 soil samples for barium
- 4 soil samples for cadmium
- 12 soil samples for chromium
- 9 soil samples for copper
- 180 soil samples for lead
- 12 soil samples for mercury
- 3 soil samples for zinc

At the direction of Caltrans, a WET was performed on these samples. The arsenic, barium, and cadmium soil samples did not have soluble concentrations greater than their respective STLC. However, 1 soil sample had soluble chromium concentration greater than the STLC for chromium, 2 soil samples had soluble copper concentration greater than the STLC for copper, 119 soil samples had soluble lead concentration greater than the STLC for lead, 1 soil sample had soluble mercury concentration greater than the STLC for mercury, and 3 soil samples had soluble zinc concentrations greater than the STLC for zinc. These samples could be classified as hazardous by the State of California upon excavation and classification as a waste material.

The soil samples with soluble lead concentrations greater than the STLC were also analyzed according to the TCLP for lead. Five of the lead samples had soluble concentrations greater than 5 mg/l. The materials represented by these samples would be classified as a RCRA waste material in the vicinity of this sample.

4.18 LABORATORY RESULTS PERMANENT AND TEMPORARY COLUMNS-TRANSBAY TERMINAL LOOP: ORGANICS

The results of the analyses for TPH-S indicated detectable concentrations in 61 soil samples with concentrations ranging from 10 to 780 mg/kg (Table 30). The majority of these samples had a hydrocarbon range equivalent to waste oil or higher.

The results of the analyses for VOC indicated detectable concentrations in 43 soil samples (Table 31). The results of the soil analyses were compared to US EPA Region IX PRGs promulgated for contaminants in industrial soil. None of the VOC compounds were above their respective PRG.

The results of the analyses for SVOC indicated detectable concentrations in 35 soil samples (Table 32). The results of the soil analyses were compared to US EPA Region IX PRGs promulgated for contaminants in industrial soil. Six of the SVOC compounds were above their respective PRG.

The results of the analyses for PCBs indicated detectable concentrations in three soil samples. The results of the soil analyses were compared to Title 22. The results of the soil analyses were compared to CCR Title 22 criterion; the PCB concentration was below the TTLC value for PCB (50 mg/kg).

4.19 LABORATORY RESULTS GROUNDWATER-TRANSBAY TERMINAL LOOP: METALS

Six groundwater samples were collected and analyzed. The samples were filtered prior to analysis. The analyzed groundwater samples had detectable concentrations of arsenic, mercury, and nickel (Table 33). The concentrations were compared to the City and County of San Francisco Department of Public Work (SFDPW) Requirements for Batch Wastewater Discharges. The arsenic, mercury, and nickel concentrations were below the SFDPW requirements for batch wastewater discharges.

4.20 LABORATORY RESULTS GROUNDWATER-TRANSBAY TERMINAL LOOP: ORGANIC COMPOUNDS

None of the groundwater samples had detectable concentrations of the following constituents: TPH-S, benzene, toluene, ethylbenzene, MTBE, or PCBs (Table 34). Total xylenes were detected in 1 of the groundwater samples at a concentration of 1.6 micrograms per liter (ug/l). The following chlorinated solvents were detected in the groundwater sample collected from boring WTTB64-1: 1,1 dichloroethane (1,1-DCA) at 6.1 ug/l; 1,1 dichloroethene (1,1-DCE) at 12 ug/l, and 1,1,1 trichloroethane (1,1,1-TCA) at 53 ug/l. None of the SVOC compounds were detected with the exception of acenaphthene, which was detected in groundwater samples collected from borings TTB69-1 and TTB69-4 at 13 and 16 ug/l, respectively.

The 1,1-DCA and 1,1-DCE concentrations are above the State of California Primary Drinking Water Standard for these compounds. The SFDPW does not have a discharge requirement for these compounds. However, the concentration detected is below the SFDPW discharge requirement for other chlorinated solvents that have the same drinking water standard as 1,1-DCA and 1,1-DCE.

5.0 DISCUSSION

5.1 SOIL

The results of the soil analyses were compared to US EPA Region IX Preliminary Remediation Goals (PRGs) promulgated for contaminants in residential soil, as well as the California Code of Regulations Title 22 List of Inorganic, Persistent, and Bioaccumulative Toxic Substances and their STLC and TTLC Values. Soil that is impacted by SVOC compounds and TPH-S concentrations can be disposed at a Class II disposal facility provided that metal and PCB concentrations do not exceed State of California criteria. It is emphasized that each landfill has developed a facility specific criteria for accepting contaminated soil materials.

Materials represented by soil samples that exceed the TTLC for metals and PCBs, as well as the STLC after performing a WET, could be classified as hazardous by the State of California upon excavation and classification. Only 18 soil samples had soluble lead concentrations greater than the lead TCLP. The materials represented by these samples could be classified as RCRA designated landfill. The soil samples that were designated a RCRA hazardous waste were collected primarily at ground surface.

Disposal of lead-impacted soil, which is classified as a hazardous waste would need to be disposed at a Class I landfill, if on-site treatment is not completed. Additionally, Class II and III landfills may impose concentration limits that can be more stringent than the State of California Hazardous Waste Criteria. On-site treatment of the lead-impacted soil would require regulatory approval and possible permitting restrictions.

Due to the elevated concentrations of lead, PCB, and SVOCs measured at the site, construction contractors should be aware of health and safety concerns, regulatory requirements, and possible landfill restrictions when preparing soil excavation and management plans.

5.1.1 Landscaping Program-West Approach

The results indicate that the materials represented by the soil samples collected in the area of Borings L1 through L7 is a California hazardous waste to the depth explored 0.6 meters (2 feet). The soil was not above regulatory criteria for PCBs and SVOCs. The results indicate that the materials represented by the surface soil samples collected in the area of Borings L8 through L14 is a California designated waste. The samples collected at 0.6 meters (2 feet) were below regulatory criteria for lead, PCBs and

SVOCs. The results indicate that the materials represented by the soil samples collected in the area of Boring L15 is not a California designated waste. The samples collected were below regulatory criteria for VOCs and SVOCs.

To minimize disposal costs, PSI recommends that the soil be segregated during excavation in the area of borings L8 through L14.

5.1.2 Retaining Wall Program-West Approach

The results indicate that the soil samples collected in the area of Borings B6, B7, & B8; B9 & B10; and B11 is a California designated waste to the maximum depth explored.

The results indicate that the materials represented by the surface soil samples collected in the area of Borings B1 & B2; B3 through B5, and B13 through B15 is a California hazardous waste. The samples collected at 0.9 and 1.8 meters (3 and 6 feet) were below regulatory criteria for lead, PCBs and SVOCs.

To minimize disposal costs, PSI recommends that the soil be segregated during excavation in the area of B1 & B2; B3 through B5, and B13 through B15.

5.1.3 Seismic Retrofit Program-West Approach

Each of the areas have materials that are represented by soil samples that would be considered a California hazardous waste based on lead concentrations. The depth in which the soil would be considered below regulatory criteria varies in each of these areas. The materials represented by the soil samples were not above regulatory criteria for PCBs and SVOCs. To minimize disposal costs, PSI recommends that the soil be segregated during excavation in this area.

5.1.4 Demolition Program-West Approach

The majority of the areas tested have soil samples that would be considered a California hazardous waste, based on lead concentrations. The depth in which the soil would be considered below regulatory criteria varies in each of these areas. Additionally, numerous soil samples were above regulatory or landfill criteria for PCBs and SVOCs. To minimize disposal costs, PSI recommends that the soil be segregated during excavation in this area.

5.1.5 Permanent and Temporary Column Program-West Approach

The majority of the areas tested have materials represented by soil samples that would be considered a California hazardous waste based on lead concentrations. The depth in which the soil would be considered below regulatory criteria varies in each of these areas.

Additionally, numerous soil samples were above regulatory or landfill criteria for PCBs and SVOCs. To minimize disposal costs, PSI recommends that the soil be segregated during excavation in this area.

5.1.6 Additional Borings Program-West Approach

The majority of the areas tested have materials represented by soil samples that would be considered a California hazardous waste based on lead concentrations. The depth in which the soil would be considered below regulatory criteria varies in each of these areas.

Additionally, numerous soil samples were above regulatory or landfill criteria for SVOCs. To minimize disposal costs, PSI recommends that the soil be segregated during excavation in this area.

5.1.7 Demolition Program-Transbay Terminal Loop

The majority of the areas tested have materials represented by soil samples that would be considered a California hazardous waste, based on lead concentrations. The depth in which the soil would be considered below regulatory criteria varies in each of these areas. However, the most contaminated soil was artificial fill materials.

Numerous soil samples were above regulatory or landfill criteria for PCBs and SVOCs. To minimize disposal costs, PSI recommends that the soil be segregated during excavation in this area.

5.1.8 Permanent and Temporary Column Program-Transbay Terminal Loop

The majority of the areas tested have materials represented by soil samples that would be considered a California hazardous waste based on lead concentrations. The depth in which the soil would be considered below regulatory criteria varies in each of these areas. However, the most contaminated soil was artificial fill materials.

Numerous soil samples were above regulatory or landfill criteria for PCBs and SVOCs. To minimize disposal costs, PSI recommends that the soil be segregated during excavation in this area.

5.2 GROUNDWATER- WEST APPROACH

Benzene, MTBE, arsenic and mercury were detected in all but two of the groundwater samples analyzed. The concentrations were compared to SFDPW requirements for batch wastewater discharges. None of the constituents were above the SFDPW requirements.

As the groundwater samples were filtered prior to analyses, the groundwater results represent a soluble concentration. Due to the potential for contaminants to be adsorbed to soil particles, groundwater pumped as part of de-watering activities should be treated to remove sediment prior to discharge to the San Francisco Bay.

5.3 GROUNDWATER-TRANSBAY TERMINAL LOOP

Benzene, acenaphthene, 1,1-DCA, 1,1-DCE, 1,1,1-TCA, arsenic, mercury, and nickel were detected in a few of the groundwater samples analyzed. The concentrations were compared to SFDPW requirements for batch wastewater discharges. None of the constituents were above the SFDPW requirements.

As the groundwater samples were filtered prior to analyses, the groundwater results represent a soluble concentration. Due to the potential for contaminants to be adsorbed to soil particles, SFDPW discharge requirements should be reviewed to determine the need for treatment prior to discharge.

6.0 CONCLUSIONS

Based on the information presented in this report, the following conclusions have been reached:

- Although several contaminants were occasionally detected in soil samples, the primary constituents of concern are lead, TPH-S, PCB, and SVOC.

- At the West Approach, lead concentrations indicated that approximately 20 percent of the soil samples collected would be classified as hazardous by the State of California upon excavation and classification as a waste material.

- At the Transbay Terminal Loop, lead concentrations indicated that approximately 45 percent of the material represented by soil samples collected would be classified as hazardous by the State of California upon excavation and classification as a waste material.

- At the West Approach, lead impacted soil was generally confined to the upper 1.5 meters (5 feet) of soil, and there were no other correlation between lead concentration, depth, or location.

- Selected soil samples collected from demolition boring at the West Approach and the Transbay Terminal Loop had soluble lead concentrations about the RCRA criteria after the completion of a TCLP. The materials represented by these soil samples would be considered a RCRA hazardous waste.

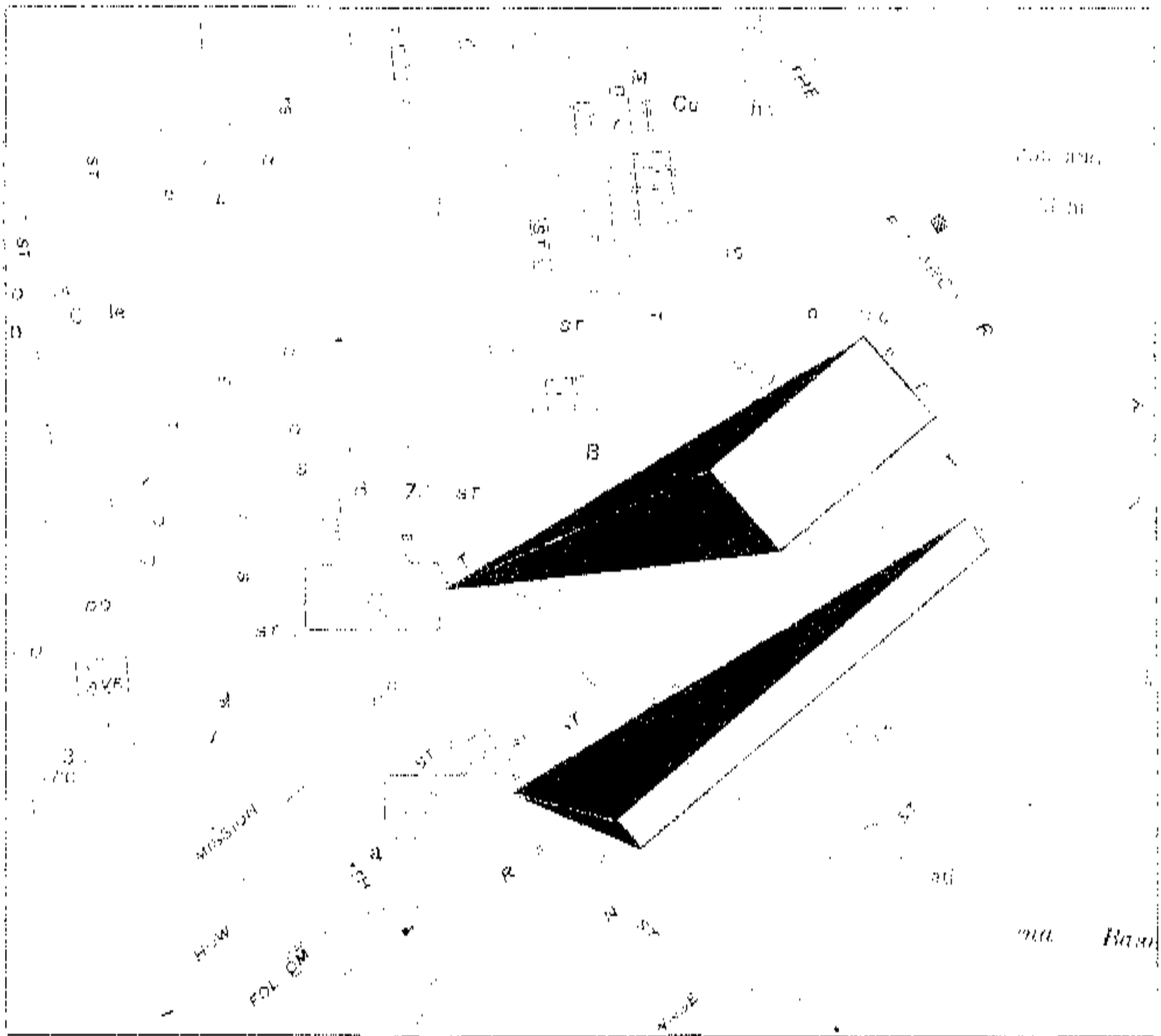
- At the Transbay Terminal Loop, lead impacted soil was generally confined to the upper 3 meters (10 feet) of soil, and there were no other correlation between lead concentration, depth, or location.

- PSI recommends that during excavation activities, the soil be segregated based on whether it is lead, TPH-S/SVOC, or non-impacted soil to the extent practicable.

- Although several contaminants were detected in soluble groundwater samples (filtered), none of the groundwater samples had concentrations exceeding the SFDPW requirements.

- Due to elevated concentrations of lead and other contaminants measured at the site, the construction contractor should be aware of the health and safety concerns, regulatory requirements, and possible landfill restrictions in disposal of contaminated soil.

FIGURES


B

BORING CODES

- PERMANENT & TEMPORARY SOLDIER
- DEMOLITION
- LANDSCAPING & RETAINING WALLS
- SEISMIC RETROFIT
- RETAINING WALLS

BORING LOCATIONS

PSI ENVIRONMENTAL GEOTECHNICAL CONSTRUCTION
CONSULTING ENGINEERS & SCIENTISTS

BORING LOCATIONS
BAY BRIDGE WEST APPROACH SEISMIC RETROFIT AREA
SAN FRANCISCO, CALIFORNIA
PROJECT NUMBER: 575-6002

DATE:	4/23/99	CAD SYS:	FIGURE NO: T-BL-1
FILE NO: 6002-BB1			DRAWN BY: S BOWERS

DATE	REVISED BY	DATE REVISED

CALCULATED/DESIGNED BY
CHECKED BY
PROJECT ENGINEER

STATE OF CALIFORNIA — DEPARTMENT OF TRANSPORTATION
Caltrans

MATCH LINE BL-2

BL-1

FOR REDUCED PLANS ORIGINAL SCALE IS 36 INCHES

BORING CODES

- PERMANENT & TEMPORARY COLUMNS
- DEMOLITION
- LANDSCAPING & RETAINING WALLS
- SEISMIC RETROFIT
- RETAINING WALLS

BORING LOCATIONS

psi ENVIRONMENTAL GEOTECHNICAL CONSTRUCTION
CONSULTING ENGINEERS AND TESTING

BORING LOCATIONS
BAY BRIDGE WEST APPROACH SEISMIC RETROFIT AREA
SAN FRANCISCO, CALIFORNIA
PROJECT NUMBER: 575-6002

DATE: 4/22/98	CAD FILE:	FIGURE NO.	B-EL-2
FILE NO: 6002-4B*		DRAWN BY:	S.BOWERS

DATE REVISED BY
DATE REVISED

CALCULATED/ DESIGNED BY
DRAWN BY
CHECKED BY

PROJECT ENGINEER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

B - 2

FOR REDUCED PLANS OF ORIGINAL SCALE IS IN INCHES

BORING LOCATIONS

psi ENVIRONMENTAL GEOTECHNICAL CONSTRUCTION
CONSULTING-ENGINEERING-TESTING

BORING LOCATIONS
BAY BRIDGE WEST APPROACH SEISMIC RETROFIT AREA
SAN FRANCISCO, CALIFORNIA
PROJECT NUMBER: 575-6502I

DATE: 4/28/98	DRG BY	FIGURE NO:	2-BL-3
FILE NO: B502I-28*		DRAWN BY:	S.SOMERS

BORING CODES
- PERMANENT & TEMPORARY COLUMNS
- DEMOLITION
- LANDSCAPING & RETAINING WALLS
- SEISMIC RETROFIT
- RETAINING WALLS

MATCH LINE BL-4

BORING LOCATIONS

1" = 100'

Bent 19 - New Bent 19

Bent 20 - New Bent 20

Bent 21 - New Bent 21

Bent 22 - New Bent 22

Bent 23 - New Bent 23

Bent 24 - New Bent 24

Bent 25 - New Bent 25

Bent 26 - New Bent 26

Bent 27 - New Bent 27

Bent 28 - New Bent 28

Bent 29 - New Bent 29

Bent 30 - New Bent 30

Arch 31

BL-3

STATE OF CALIFORNIA — DEPARTMENT OF TRANSPORTATION
Caltrans

DATE REVISED | BY | APPROVED

PSI ENVIRONMENTAL GEOTECHNICAL CONSTRUCTION
CONSULTING-ENGINEERING-TESTING

BORING LOCATIONS

BAY BRIDGE WEST APPROACH SEISMIC RETROFIT AREA
SAN FRANCISCO, CALIFORNIA
PROJECT NUMBER: 575-8020

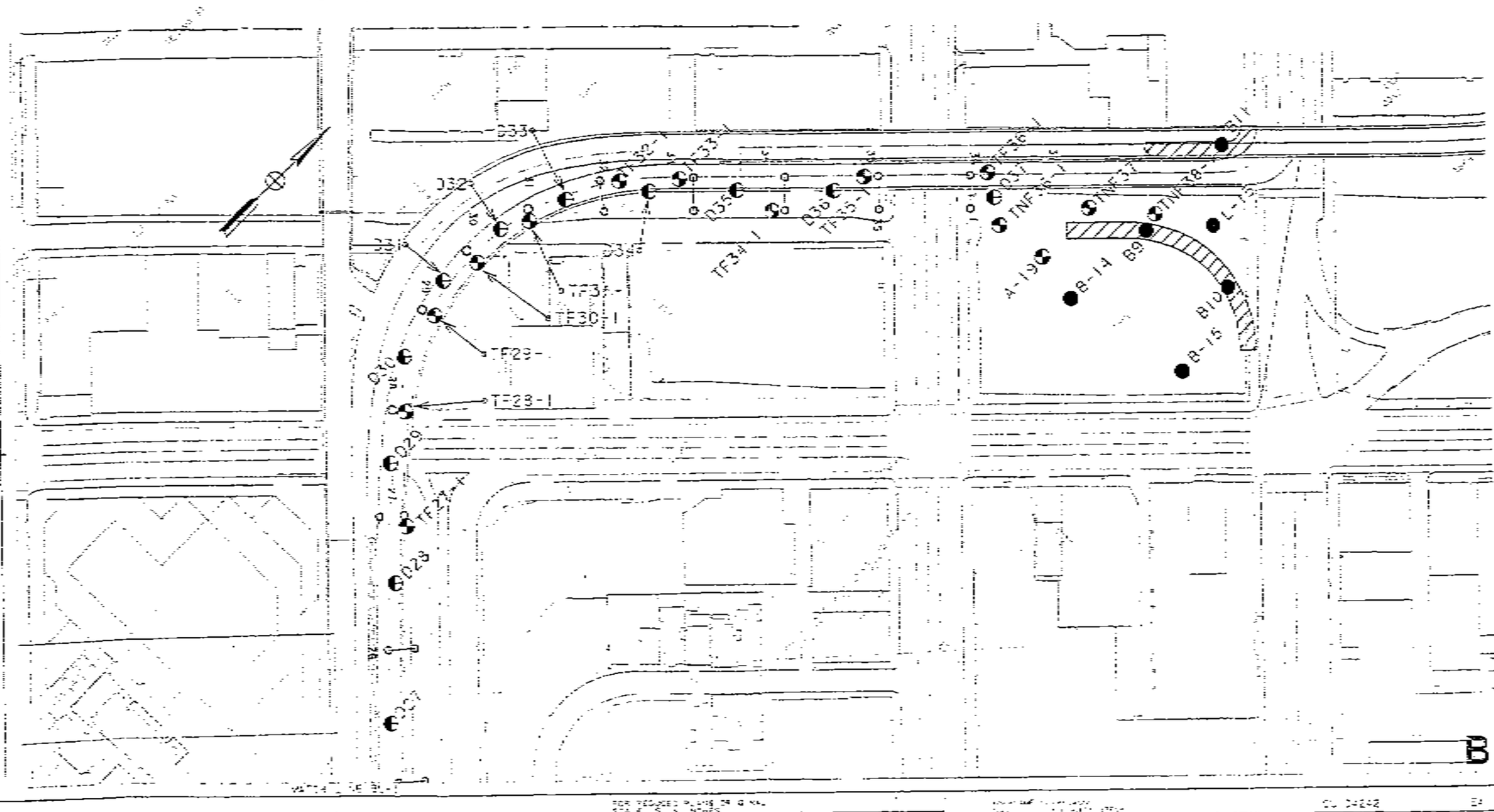
DATE: 4/22/99 | ORD BY: | FIGURE NO: B-L-4
FILE NO: 8020-29 | DRAWN BY: S.SOMERS

BORING CODES

- PERMANENT & TEMPORARY COLUMNS
- DEMOLITION
- LANDSCAPING & RETAINING WALLS
- SEISM C RETROFIT
- RETA NING WALLS

BORING LOCATIONS

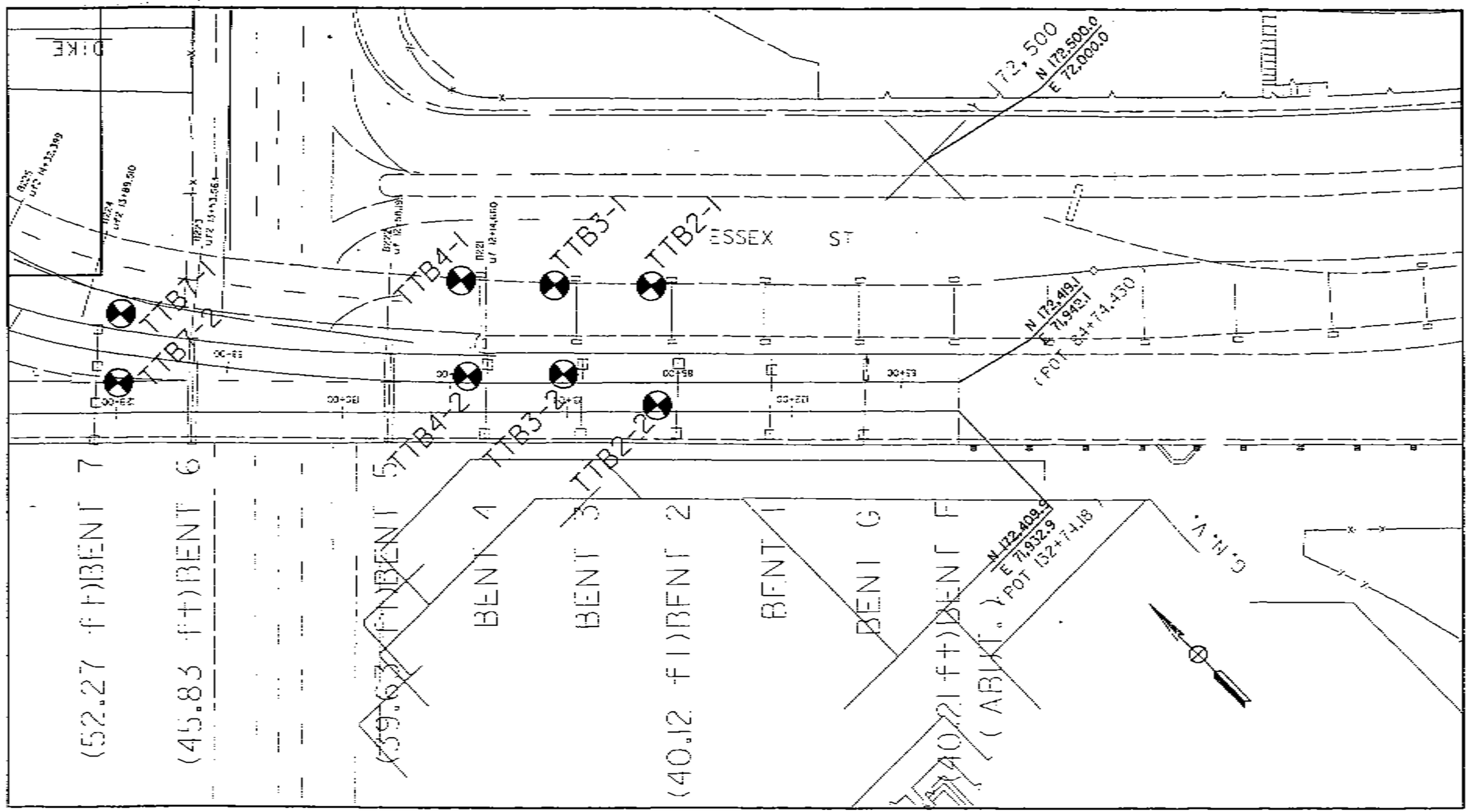
1" = 100'



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

PROJECT ENGINEER | CALCULATED/DESIGNED BY | CHECKED BY | DATE | REVISED BY | DATE REVISED

SFOBB WEST APPROACH - 133331
TRANSBAY TERMINAL LOOPS
BORING LOCATIONS



psi	ENVIRONMENTAL GEOTECHNICAL CONSTRUCTION CONSULTING•ENGINEERING•TESTING
BORING LOCATIONS	
TRANSBAY TERMINAL LOOP RETROFIT AREA SAN FRANCISCO, CALIFORNIA PROJECT NUMBER: 575-8300H	
DATE: 4/23/98	LOAD BY:
FILE NO: 8300H-29T	FIGURE NO. 3-TTL-1
	DRAWN BY: S.BOWERS

DATE REVISED | CHECKED BY

DATE: Fri Aug 21 1998 TIME:

FILE: /home/t4kkrow/tbt.dgn

t4kkrow@NODE

SFOBB WEST APPROACH - 133331
TRANSBAY TERMINAL LOOPS
BORING LOCATIONS

psi ENVIRONMENTAL GEOTECHNICAL CONSTRUCTION
CONSULTING ENGINEERS AND TESTING

BORING LOCATIONS

TRANSBAY TERMINAL LOOP RETROFIT AREA
SAN FRANCISCO, CALIFORNIA
PROJECT NUMBER: 575-8000

DATE: 4/23/99	CKD BY:	PG./RS NO.	3-TTL-2
FILE NO. 8000-231		DRAWN BY:	S.BOWERS

DATE REVISED

CHECKED BY

MATCH LINE TTL-3

MATCH LINE TTL-1

ASPH

ASPH

ASPH

CONC

STEUART ST

TEHAMA ST

TEHAMA ST

Bent 21

Bent 20

Bent 19

Bent 18

Bent CC

Bent DD

BENT 17

BENT 16

BENT 15

BENT 14

BENT 13

BENT 12

BENT 11

BENT 10

BENT 9

BENT 8

TTB8B-1

TTB8C-1

TTB8D-1

TTB8B-2

TTB8C-2

TTB8D-2

TTB8C-3

TTB8D-3

TTB8-1

TTB8-2

TTB8-3

TTB8-4

TTB9-1

TTB9-2

TTB9-3

TTB10-1

TTB10-2

TTB11-1

TTB11-2

TTB12-1

TTB12-2

TTB13-1

TTB13-2

TTB14-1

TTB14-2

TTB15-1

TTB15-2

TTB16-1

TTB16-2

TTB16-3

TTB17-1

TTB17-2

B22 Lat: 14+20.30

B23 Lat: 14+31.99

B24 Lat: 14+31.39

BORING LOCATIONS

TTL-2

DATE: Fri Aug 21 1998

FILE: /home/t4kkrew/tbt.dan

PLOTTED: t4kkrew@NODE

SFOBB WEST APPROACH - 133331
TRANSBAY TERMINAL LOOPS
BORING LOCATIONS

psi ENVIRONMENTAL GEOTECHNICAL CONSTRUCTION
CONSULTING ENGINEERING & TESTING

BORING LOCATIONS

TRANSBAY TERMINAL LOOP REPORT AREA
SAN FRANCISCO, CALIFORNIA
PROJECT NUMBER 575-6300

DATE: 4/23/98 DRD BY: FIGURE NO: 3-TTL-3
FILE NO: 6300-291 DRAWN BY: S BOWERS

DATE REVISED
CHECKED BY

ASPH MINNA ST

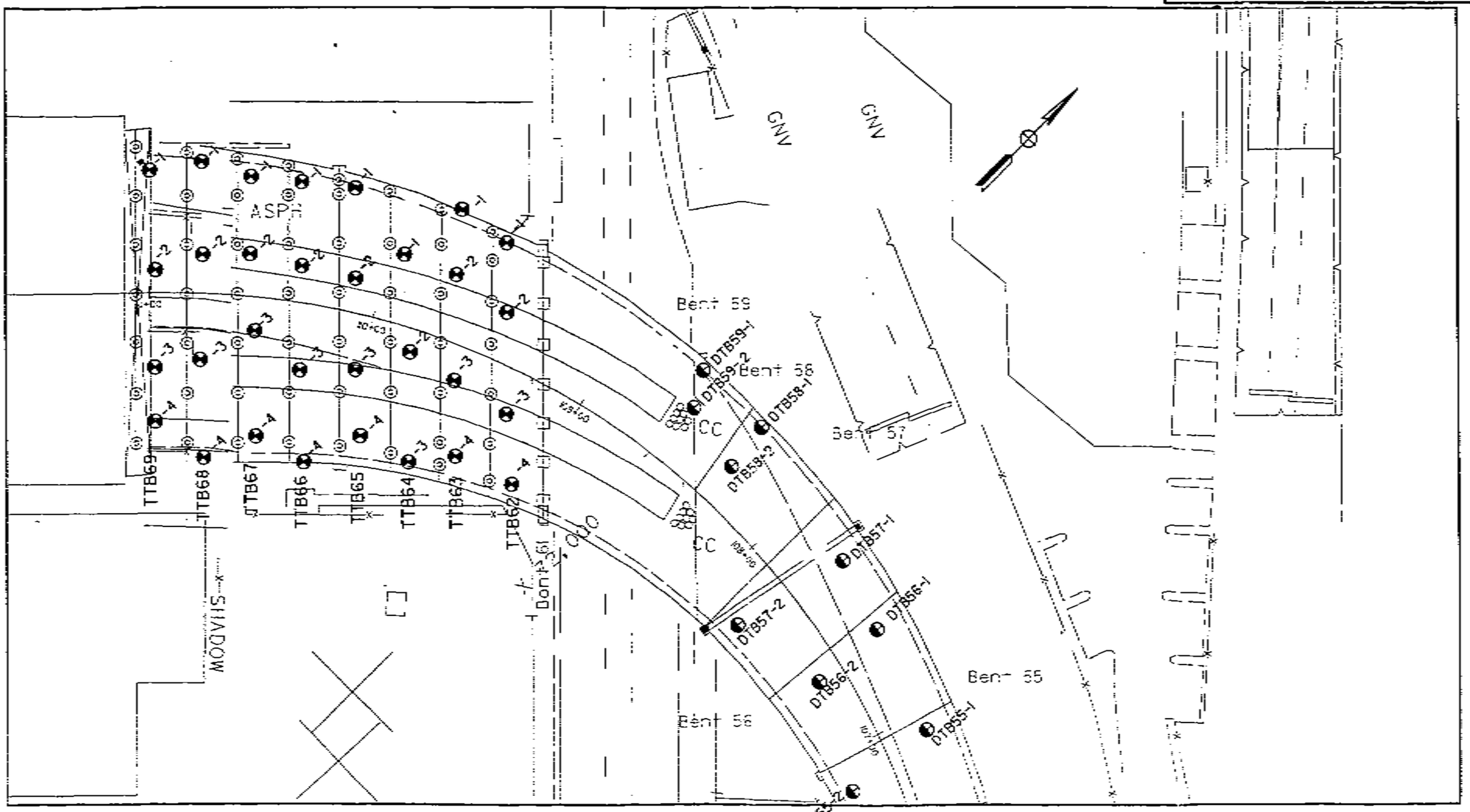
TTBN-1
Bent N
TTBQ-1
Bent Q
TTBR-2
Bent R
TTBR-1
TTBS-2
Bent S
TTBS-1
TTBU-3
Bent U
TTBU-1
Bent W
TTBX-2
Bent X
TTBX-1
TTBY-2
Bent Y
TTBY-1
TTBZ-2
Bent Z
TTBZ-1
TTBAA-2
Bent AA
TTBAA-1
Bent BB
32+00
37+00
DIRT
ASPH

BORING LOCATIONS MATCH LINE TTL-2

TTL-3

DATE: Fri Aug 21 11:1
TIME: /home/t4kkrew/tbt.dgn
NODE

SFOBB WEST APPROACH - 133331
TRANSBAY TERMINAL LOOPS
BORING LOCATIONS



TTL-4

psi ENVIRONMENTAL GEOTECHNICAL CONSTRUCTION
CONSULTING ENGINEERING & TESTING

BORING LOCATIONS

TRANSBAY TERMINAL LOOP RETROFIT AREA
SAN FRANCISCO, CALIFORNIA
PROJECT NUMBER: 575-80031

DATE: 4/23/98 DWG BY: FIGURE NO: 3-TTL-4
FILE NO: 5000-251 DRAWN BY: S.BOWERS

DATE REVISED
CHECKED BY

DATE: Fri Aug 21 1998 TIME:
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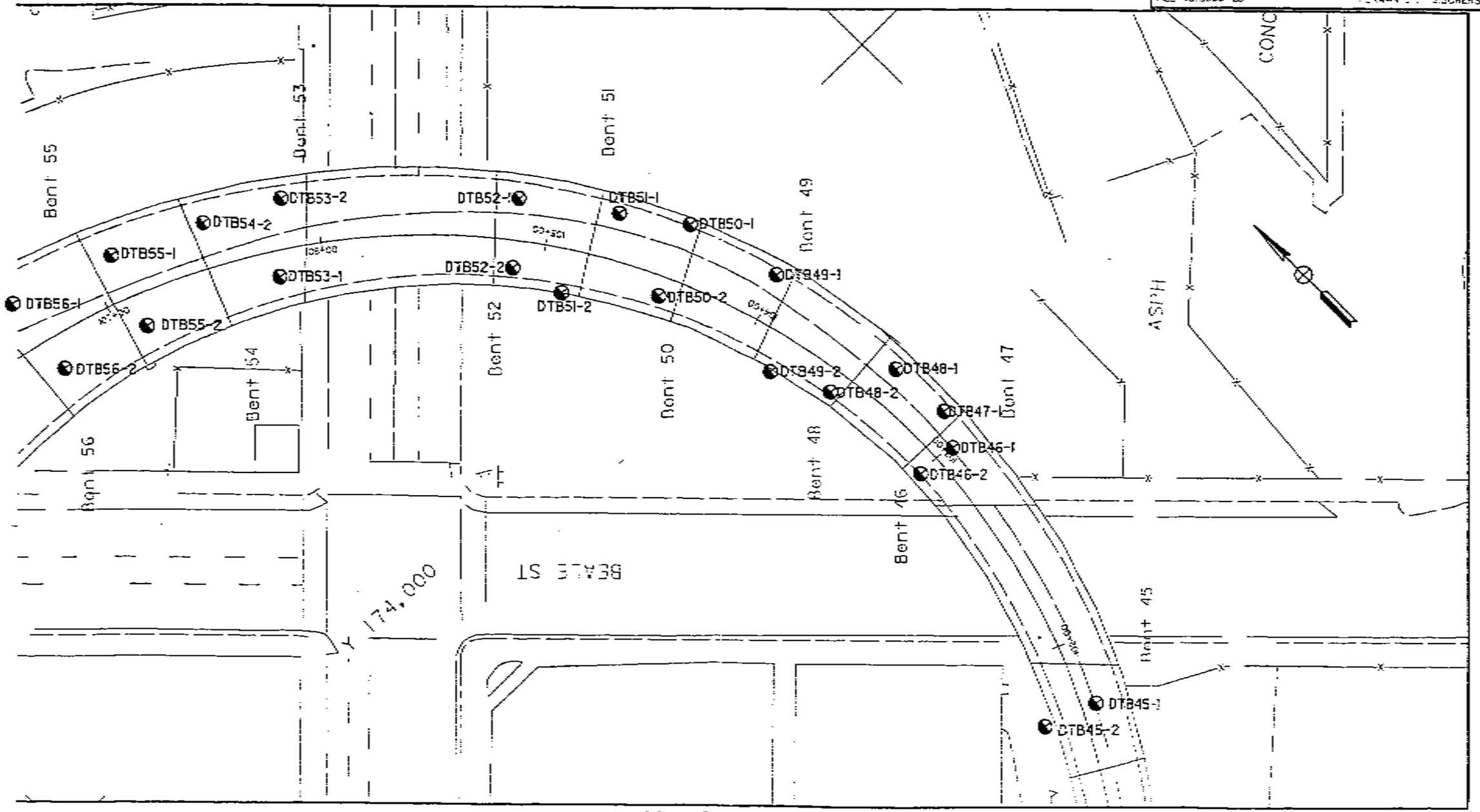
SFOBB WEST APPROACH - 133331
TRANSBAY TERMINAL LOOPS
BORING LOCATIONS



● BORING LOCATIONS

● DEMOLITION BORING LOCATIONS

TTL-5

psi ENVIRONMENTAL GEOTECHNICAL CONSTRUCTION
CONSULTING ENGINEERING TESTING

BORING LOCATIONS

TRANSBAY TERMINAL LOOP RETROFIT AREA
SAN FRANCISCO, CALIFORNIA
PROJECT NUMBER: 575-50001

DATE: 4/23/99 | CAD BY: | FIGURE NO. 3-TTL-5
FILE NO. 5003-28' | DRAWN BY: S.BOAKES

DATE REVISED | CHECKED BY

ISSUE REVISION 00-00-00 | DATE PLOTTED: 21-Aug-1998 TIME PLOTTED: 13:35

FILE: /home/t4kkrcw/tbl.dgn

USER(S): t4kkrcw@NODE

DATE: Fri Aug 21 1998 TIME: 1

SFOBB WEST APPROACH - 13333I
TRANSBAY TERMINAL LOOPS
BORING LOCATIONS

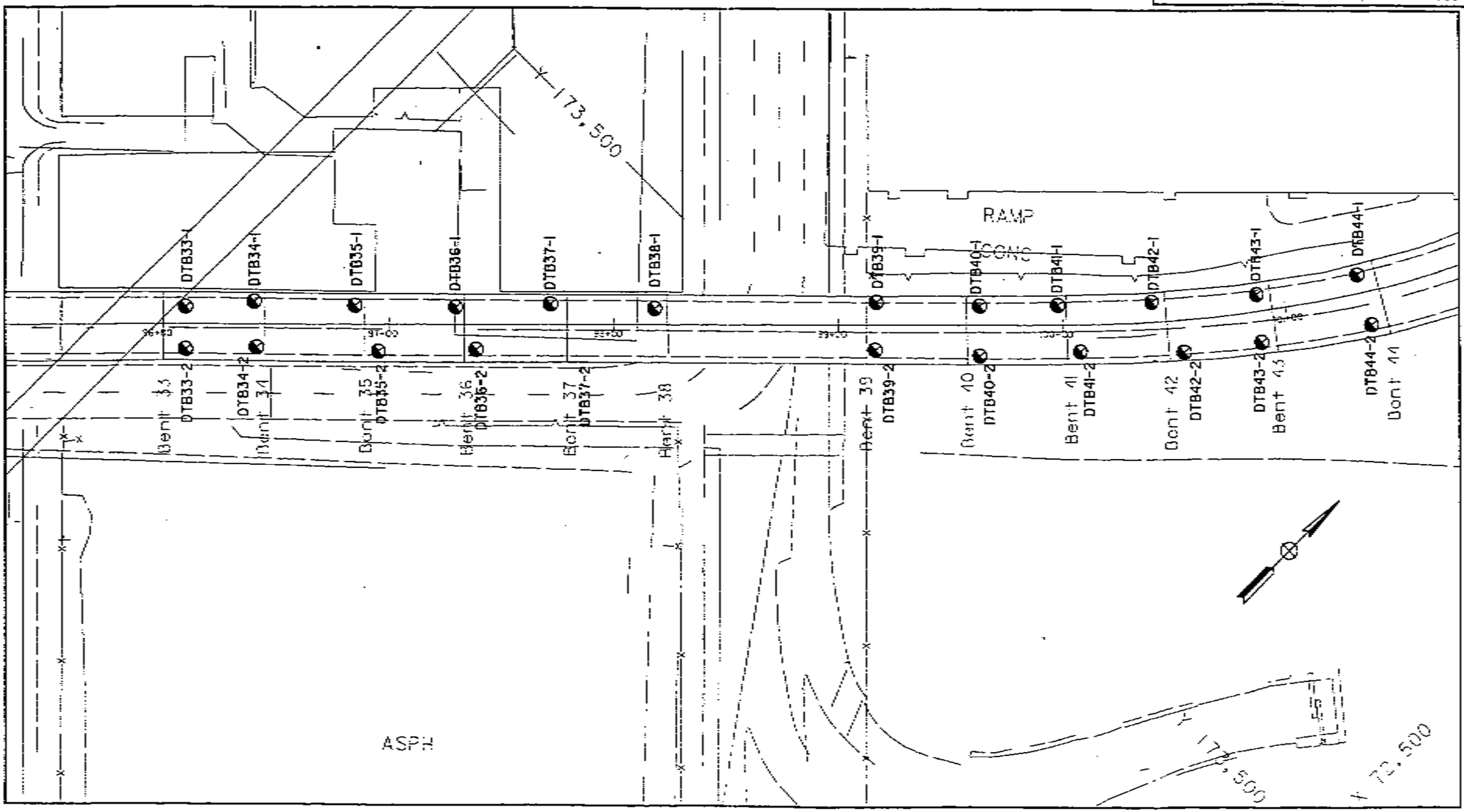
psi ENVIRONMENTAL GEOTECHNICAL CONSTRUCTION
CONSULTING ENGINEERING & TESTING

BORING LOCATIONS

TRANSBAY TERMINAL LOOP RETROFIT AREA
SAN FRANCISCO, CALIFORNIA
PROJECT NUMBER: 575-8003

DATE: 4/23/99	CAD BY:	FIGURE NO: 3-TTL-5
FILE NO: 8003-251		DRAWN BY: S.SOWERS

DES. CHECKED BY DATE REVISED ISE



● BORING LOCATIONS

1"=50'

● DEMOLITION BORING LOCATIONS

TTL-5

DATE: Fri Aug 21 1998
FILE: /home/t4kkrew/tbt.dgn
USER: t4kkrew@NODE

TABLES

TABLE 1

SUMMARY OF ANALYTICAL RESULTS: METALS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE
LANDSCAPING

BORING	D	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
L1	S	<5.0	5.2	160	<0.5	<0.5	20	14	27	47	0.17	<2.5	33	<2.5	<0.5	<5.0	20	69
L1	2	<5.0	11	120	<0.5	0.5	34	6.9	41	540 (4.1)	0.54	<2.5	31	<2.5	<0.5	<5.0	18	91
L2	S	<5.0	5.8	130	<0.5	1.1	28	9.3	36	**230 (16) (0.09)**	0.21	<2.5	29	<2.5	<0.5	<5.0	23	120
L2	2	<5.0	6.6	150	<0.5	0.6	24	10	43	**210 (18) (0.85)**	0.69	<2.5	30	<2.5	<0.5	<5.0	22	120
L3	S	5.8	14	120	<0.5	0.7	28	8.3	46	**250 (11) (0.05)**	0.48	<2.5	37	<2.5	<0.5	<5.0	26	320
L3	2	<5.0	5.6	120	<0.5	<0.5	20	6.9	40	**400 (56) (0.87)**	0.48	<2.5	24	<2.5	<0.5	<5.0	18	100
L4	S	<5.0	5.6	140	<0.5	0.6	25	8.7	33	240 (<0.2)	0.14	<2.5	27	<2.5	<0.5	<5.0	25	140
L4	2	<5.0	5.2	150	<0.5	0.6	26	9.5	34	<5	0.52	<2.5	26	<2.5	<0.5	<5.0	23	110
L5	S	<5.0	9.4	180	<0.5	1.3	85 (1.8)	9	49	**680 (110) (0.87)**	0.36	<2.5	32	<2.5	<0.5	<5.0	25	200
L5	2	<5.0	5.5	170	<0.5	0.6	41	12	220	**68 (27) (0.03)**	0.1	<2.5	42	<2.5	<0.5	<5.0	27	110
L6	S	<5.0	7.1	190	<0.5	0.8	29	12	37	**650 (10) (0.12)**	<0.05	<2.5	31	<2.5	<0.5	<5.0	26	160
L6	2	<5.0	6.4	160	<0.5	0.8	28	9.5	43	**150 (12) (0.17)**	<0.05	<2.5	30	<2.5	<0.5	<5.0	26	110
L7	S	<5.0	<5.0	150	<0.5	1.1	24	5	52	430 (2.1)	<0.05	<2.5	21	<2.5	<0.5	<5.0	14	300
L8	S	<5.0	<5.0	160	<0.5	0.8	63 (2.9)	6.5	35	**170 (13) (<0.02)**	0.81	<2.5	21	<2.5	<0.5	<5.0	24	150
L8	2	<5.0	<5.0	170	<0.5	<0.5	32	7.9	20	120 (0.8)	0.5	<2.5	39	<2.5	<0.5	<5.0	24	150
L9	S	<5.0	<5.0	33	<0.5	<0.5	2.0	<1.0	7.3	**65 (5.5) (0.03)**	0.3	<2.5	3.2	<2.5	<0.5	<5.0	1.1	46
L9	2	<5.0	<5.0	100	<0.5	<0.5	39	11	18	52 (2.1)	0.11	<2.5	33	<2.5	<0.5	<5.0	35	68
L10	S	<5.0	<5.0	23	<0.5	<0.5	1.7	<1.0	8.2	11	0.1	<2.5	2.2	<2.5	<0.5	<5.0	0.9	35
L10	2	<5.0	<5.0	100	<0.5	<0.5	41	9.9	12	22	0.14	<2.5	29	<2.5	<0.5	<5.0	35	42
L11	S	<5.0	<5.0	100	<0.5	1.1	40	6.4	71	**350 (28) (0.07)**	0.08	<2.5	24	<2.5	<0.5	<5.0	26	150
L11	2	<5.0	<5.0	70	<0.5	<0.5	61	9	12	**20**	1.6	<2.5	35	<2.5	<0.5	<5.0	45	38
L12	S	<5.0	<5.0	23	<0.5	<0.5	3.8	<1.0	6.7	21	0.72	<2.5	3.4	<2.5	<0.5	<5.0	2.3	33
L12	2	<5.0	<5.0	65	<0.5	<0.5	51 (0.7)	9	11	8.7	0.14	<2.5	27	<2.5	<0.5	<5.0	45	31
L13	S	<5.0	<5.0	24	<0.5	<0.5	0.9	<1.0	5.5	4	0.04	<2.5	2.1	<2.5	<0.5	<5.0	<0.5	29
L13	2	<5.0	<5.0	120	<0.5	0.7	47	8.2	25	76 (1.4)	4.92 (<0.01)	<2.5	30	<2.5	<0.5	<5.0	29	80
L14	S	<5.0	<5.0	92	<0.5	0.9	36	5	51	**350 (27) (0.09)**	0.87	<2.5	21	<2.5	<0.5	<5.0	24	130
L14	2	<5.0	<5.0	81	<0.5	<0.5	64 (0.8)	11	13	15	0.11	<2.5	37	<2.5	<0.5	<5.0	48	40
L15	S	<5.0	<5.0	92	<0.5	0.9	36	5	51	**350 (27) (0.09)**	0.87	<2.5	21	<2.5	<0.5	<5.0	24	130
L15	2	<5.0	<5.0	81	<0.5	<0.5	64 (0.8)	11	13	15	0.11	<2.5	37	<2.5	<0.5	<5.0	48	40
TTLC		500	500	10,000	75	100	500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
STLC		15	5	100	0.75	1	5	80	25	5	0.2	350	20	1	5	7	24	250

Notes:
D = sample depth.
Sample depth in feet below surface grade.
S = Surface.
<0.01 = not detected at or above the laboratory detection limits
Metals are designated by their symbol on the periodic table of elements.
All samples are reported as total concentration in milligrams per kilogram (mg/kg), unless indicated.
(3.3) = Soluable concentration after a WET, presented in milligrams per liter (mg/l)
(3.3) = Soluble concentration after a TCLP, presented in mg/l.
(NS) = Not sufficient sample to analyze
TTLC = total threshold limit concentration
STLC = soluable threshold limit concentration

TABLE 3

SUMMARY OF ANALYTICAL RESULTS: VOC COMPOUNDS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE

Landscaping

Boring	Depth	n-Butylbenzene	cis-1,2-Dichloroethene	Chlorobenzene	Carbon disulfide	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	Trichloroethene	Xylenes, total	Vinyl chloride	Total VOCs
L15	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	1	

Notes:

Depth is in feet below ground surface

S= Surface

ND = Not detected at or above the laboratory detection limits stated in laboratory reports.

All samples are reported in micrograms per kilogram (ug/kg).

TABLE 4

SUMMARY OF ANALYTICAL RESULTS: SVOC COMPOUNDS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE

Landscaping

Boring	Depth	Acenaphthene	Anthracene	Benz(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Pyrene	Dibenzofuran	Total SVOCs
PRG		2,800,000	22,000,000	3,600	3,600	36,000	360	360,000	360	37,000,000	22,000,000	3600	190,000	26,000,000	3,200,000	
L2	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	470	ND	ND	ND	ND	1,080
L2	2	ND	ND	ND	370	ND	ND	ND	ND	544	ND	ND	ND	1,000	ND	2,540
L4	S	360	ND	330	350	ND	ND	400	ND	1,100	340	ND	470	700	380	6,610
L5	S	ND	ND	ND	ND	ND	ND	ND	ND	410	ND	ND	ND	ND	ND	950
L6	S	ND	ND	ND	ND	ND	ND	ND	ND	780	ND	ND	ND	550	ND	2,430
L6	2	ND	ND	ND	ND	ND	ND	360	ND	470	ND	ND	ND	1,200	ND	2,440
L15	1	ND	ND	1,300	2,800	2,800	1,700	1,000	ND	1,200	ND	ND	ND	2,000	ND	13,900
L15	2	ND	370	2,100	3,500	3,400	2,200	1,800	ND	1,900	ND	1,500	ND	3,600	ND	22,770

Notes:

Depth is in feet below ground surface

PRG=Preliminary Remedial Goal as stated for Industrial Soil (US EPA Region IX).

All detected SVOC compounds with a published PRG are presented in this table. Total SVOCs includes compounds that do not have a published PRG.

ND = Not detected at or above the laboratory detection limits stated in laboratory reports.

All samples are reported as total concentration in micrograms per kilogram (ug/kg).

Results in bold type are above their respective PRG for that compound.

S = Surface.

TABLE 6

SUMMARY OF ANALYTICAL RESULTS: ORGANICS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE

RETAINING WALLS

BORING	SAMPLE DEPTH	TPH-S	PCB	VOC	SVOC
B-1	S	--	ND	ND	ND
	2	<10	ND	ND	ND
B-2	S	<10	--	ND	ND
B-3	S	60	--	ND	ND
	3	<10	--	ND	ND
B-4	S	80	ND	ND	ND
	1	<10	ND	ND	ND
B-5	S	<10	ND	ND	ND
B-6	S	50	8.8 (1232)	ND	0.33
B-7	S	<10	--	ND	ND
B-8	S	110	0.26 (1254&1260)	ND	ND
B-9	S	<10	--	ND	4.267
	3	<10	--	ND	ND
B-10	S	<10	ND	ND	ND
	3	<10	ND	ND	ND
	6	<10	ND	ND	ND
B-11	S	70	ND	ND	ND
	2.5	<10	ND	ND	ND
B13	1	19	ND	ND	ND
	3	ND	ND	ND	ND
	6	14	ND	ND	ND
B14	1	ND	ND	0.085	4.9
	3	21	ND	0.004	0.035
	6	ND	ND	ND	ND
B15	1	26	ND	ND	ND
	3	ND	ND	ND	ND
	6	ND	ND	ND	ND

Notes:
All concentrations are presented in milligrams per kilogram unless noted
Sample depth is in feet below ground surface
ND = Not Detected
-- = Not Analyzed
TPH-S = Total Petroleum Hydrocarbon Speciation
VOC = Total of Volatile Organic Compounds Detected (presented in micrograms per kilogram)
VOC concentrations do not include acetone and methylene chloride, as these are common laboratory contaminants
SVOC = Total of Semi-Volatile Organic Compounds Detected (presented in micrograms per kilogram)
SVOC concentrations do not include phthalate compounds, as these are common laboratory contaminants
PCB = Total of Polychlorinated Biphenyls compounds detected (type of PCB in parentheses)

TABLE 9

SUMMARY OF ANALYTICAL RESULTS: METALS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE
SEISMIC RETROFIT

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
R1-1	Surface	<5.0	<5.0	29	<0.5	<0.5	17	4.5	4.8	130 (5.5) (0.15)	<0.05	<2.5	17	<2.5	<0.5	<5.0	14	21
	2	<5.0	<5.0	130	<0.5	0.6	22	12	19	43	0.05	<2.5	28	<2.5	<0.5	<5.0	21	62
	4	<5.0	6.8	300	0.7	<0.5	17	19	29	27	0.1	<2.5	32	<2.5	<0.5	7.4	19	69
	10	<5.0	<5.0	83	<0.5	<0.5	26	7.4	14	5.9	<0.05	<2.5	19	<2.5	<0.5	<5.0	31	41
R1-2	Surface	<5.0	9.5	120	<0.5	0.5	25	7.9	31	56 (2.1)	0.07	<2.5	26	<2.5	<0.5	6	25	75
	2	<5.0	6.3	170	<0.5	<0.5	22	9.3	23	34	0.12	<2.5	32	<2.5	<0.5	6.4	24	75
	4	<5.0	8.4	270	0.6	0.5	24	17	52	20	0.05	<2.5	39	<2.5	<0.5	8.6	25	91
	10	<5.0	5.8	300	0.6	<0.5	20	19	28	20	0.07	<2.5	36	<2.5	<0.5	8.4	22	78
R1-1	Surface	<5.0	<5.0	140	<0.5	<0.5	29	10	19	37	0.08	<2.5	28	<2.5	<0.5	<5.0	30	55
	3	<5.0	<5.0	210	0.7	0.6	24	18	35	22	0.06	<2.5	39	8.1	<0.5	<5.0	24	85
	5	<5.0	5.8	290	0.8	0.7	25	15	33	19	0.05	<2.5	41	<2.5	<0.5	5.8	26	86
	10	<5.0	10	84	0.5	0.7	22	4.6	25	8.4	0.09	<2.5	29	<2.5	<0.5	<5.0	26	57
	15	<5.0	5.3	200	0.5	<0.5	23	11	32	21	0.09	<2.5	37	<2.5	<0.5	<5.0	23	77
	20	<5.0	<5.0	50	0.5	<0.5	20	5.2	18	8.1	<0.05	<2.5	18	<2.5	<0.5	<5.0	25	40
R2-2	Surface	<5.0	<5.0	140	<0.5	0.7	31	8	42	170 (8.6) (0.49)	0.28	<2.5	26	<2.5	<0.5	<5.0	28	140
	3	<5.0	<5.0	280	0.7	0.8	23	15	38	140 (2.0)	0.08	<2.5	40	<2.5	<0.5	<5.0	23	94
	5	<5.0	7.3	310	0.6	0.7	20	16	27	290 (14) (0.16)	<0.05	<2.5	35	<2.5	<0.5	6	21	110
	10	<5.0	<5.0	300	0.6	0.5	18	15	25	14	0.05	<2.5	34	<2.5	<0.5	<5.0	19	69
	15	<5.0	5.2	400	0.7	<0.5	23	22	31	56 (2.4)	0.05	<2.5	51	<2.5	<0.5	5.6	23	95
	20	<5.0	6.5	480	<0.5	0.9	27	13	180	660 (45) (0.34)	0.57	<2.5	32	<2.5	<0.5	<5.0	22	380
	25	<5.0	7.2	190	0.5	0.5	23	14	32	17	<0.05	<2.5	41	<2.5	<0.5	7.3	23	83
	30	<5.0	6	120	<0.5	0.7	42	8	16	22	0.13	<2.5	30	<2.5	<0.5	<5.0	36	51
	35	<5.0	<5.0	300	0.7	0.6	19	15	26	63 (3.4)	0.16	<2.5	34	<2.5	<0.5	5.2	20	140
	40	<5.0	<5.0	120	<0.5	0.5	31	11	13	18	0.09	<2.5	28	<2.5	<0.5	<5.0	32	49
	45	<5.0	<5.0	120	0.5	0.6	63	15	14	7.3	0.18	<2.5	48	<2.5	<0.5	5.1	49	58
	50	<5.0	<5.0	170	0.6	<0.5	22	8.2	20	17	0.09	<2.5	24	<2.5	<0.5	<5.0	26	55
	55	<5.0	5.8	310	0.6	0.6	21	11	24	15	0.08	<2.5	31	<2.5	<0.5	<5.0	22	65

TABLE 10

SUMMARY OF ANALYTICAL RESULTS: ORGANICS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE
SEISMIC RETROFIT COLUMNS

BORING	SAMPLE DEPTH	TPH-S	PCB	VOC	SVOC
R1-1	Surface	<10	ND	ND	—
	2	<10	ND	ND	—
	4	<10	ND	ND	—
	10	<10	ND	ND	—
R1-2	Surface	<10	0.289 (1242&1260)	ND	ND
	2	<10	ND	ND	ND
	4	<10	ND	ND	ND
	10	<10	ND	ND	ND
R2-1	Surface	<10	ND	ND	—
	3	<10	ND	ND	—
	5	<10	ND	ND	—
	10	<10	ND	ND	—
	15	<10	ND	ND	—
	20	<10	ND	ND	—
	25	<10	—	—	—
R2-2	Surface	<10	ND	—	ND
	3	<10	ND	—	ND
	5	<10	ND	—	ND
	10	<10	ND	—	ND
	15	<10	ND	—	ND
	20	<10	ND	—	ND
	25	<10	ND	—	ND
	30	<10	ND	—	ND
	35	<10	ND	—	ND
	40	<10	ND	—	ND
	45	<10	ND	—	ND
	50	<10	ND	—	ND
	55	<10	ND	—	ND
R3-1	Surface	40	—	ND	—
	2	40	—	ND	—
	5	600	—	ND	—
	10	<10	—	ND	—
	15	<10	—	ND	—
	20	<10	—	ND	—
	25	<10	—	ND	—
R3-2	Surface	<10	ND	—	ND
	2	100	ND	—	ND
	4	<10	ND	—	ND
	10	<10	ND	—	ND
	15	<10	ND	—	ND
	20	<10	ND	—	ND
	25	<10	ND	—	ND

BORING	SAMPLE DEPTH	TPH-S	PCB	VOC	SVOC
R4-1	Surface	<10	0.088 (1260)	ND	ND
	2	<10	ND	ND	ND
	5	<10	ND	ND	ND
	10	<10	ND	ND	ND
	15	<10	ND	ND	ND
	20	<10	ND	ND	ND
	25	<10	ND	ND	ND
R5-1	Surface	<10	0.055 (1260)	ND	ND
	2	<10	0.087 (1260)	ND	ND
	4	<10	ND	ND	ND
	10	<10	ND	ND	ND
	15	<10	ND	ND	ND
	20	<10	ND	ND	ND
	25	<10	ND	ND	ND
	30	<10	ND	ND	ND
	35	<10	ND	ND	ND
R5-2	Surface	<10	ND	ND	ND
	2	<10	ND	ND	ND
	4	<10	ND	ND	ND
	10	<10	ND	ND	ND
	15	<10	ND	ND	ND
	20	<10	ND	ND	ND
	25	<10	ND	ND	ND

Notes:

All concentrations are presented in milligrams per kilogram unless noted

All measurements are presented in feet

ND = Not Detected

— = Not Analyzed

TPH-S = Total Petroleum Hydrocarbon Speciation

VOC = Total of Volatile Organic Compounds Detected (presented in micrograms per kilogram)

VOC concentrations do not include acetone and methylene chloride, as these are common laboratory contaminants

SVOC = Total of Semi Volatile Organic Compounds Detected (presented in micrograms per kilogram)

SVOC concentrations do not include phthalate compounds, as these are common laboratory contaminants

PCB = Total of Polychlorinated Biphenyls compounds detected (type of PCB in parentheses)

TABLE 11

SUMMARY OF ANALYTICAL RESULTS: METALS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE
DEMOLITION COLUMNS

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
D2	Surface	<5.0	5.6	190	<0.5	0.8	32	8.8	32	430 (20) (ND)*	0.31	<2.5	29	<2.5	<0.5	<5.0	29	140
	3	<5.0	<5.0	110	<0.5	<0.5	48	7.5	16	27	0.1	<2.5	27	<2.5	<0.5	<5.0	37	61
D3	Surface	<5.0	5.6	94	<0.5	0.5	48	9.4	22	19	<0.10	<2.5	37	<2.5	<0.5	<5.0	41	45
	3	<5.0	7.1	160	<0.5	0.8	47	9.3	26	140 (9.0) (0.13)	<0.10	<2.5	33	<2.5	<0.5	5.1	33	130
D4	Surface	<5.0	<5.0	54	<0.5	<0.5	56 (0.33)	10	10	4.1	0.05	<2.5	36	<2.5	<0.5	<5.0	43	26
	3	<5.0	<5.0	59	<0.5	<0.5	44	14	9.2	3.8	<0.05	<2.5	42	<2.5	<0.5	<5.0	37	28
D5	Surface	<5.0	<5.0	100	<0.5	0.6	35	11	13	20	<0.05	<2.5	30	<2.5	<0.5	<5.0	30	35
	3	<5.0	<5.0	47	0.7	<0.5	14	4.4	5.5	4.8	<0.05	<2.5	19	<2.5	<0.5	<5.0	20	18
D6	Surface	<5.0	11	270	<0.5	2.6	38	10	120	590 (31) (0.25)	<0.10	<2.5	34	<2.5	<0.5	5.5	33	320
D7	Surface	<5.0	9.8	250	<0.5	0.6	26	12	28	18	0.11	<2.5	37	<2.5	<0.5	<5.0	25	63
D8	Surface	<5.0	<5.0	94	<0.5	<0.5	30	7.3	17	3.7	<0.01	<2.5	43	<2.5	<0.5	<5.0	20	29
D9	Surface	<5.0	<5.0	190	<0.5	1.5	40	13	85	2,500 (200) (18)	0.51	<2.5	42	<2.5	<0.5	<5.0	28	490
	3	<5.0	<5.0	200	0.5	<0.5	21	12	32	33	0.06	<2.5	34	<2.5	<0.5	<5.0	22	96
D10	Surface	<5.0	<5.0	170	<0.5	<0.5	14	5.2	42	18	0.15	<2.5	12	<2.5	<0.5	<5.0	11	26
D11	Surface	<5.0	<5.0	130	<0.5	<0.5	20	12	55	32	0.08	<2.5	24	<2.5	<0.5	5.8	21	55
	3	<5.0	<5.0	96	<0.5	<0.5	39	13	19	100 (2.3)	0.12	<2.5	30	<2.5	<0.5	<5.0	37	60
D12	Surface	<5.0	7.4	190	0.5	0.6	26	11	25	86 (<0.2)	0.1	<2.5	30	<2.5	<0.5	5.2	27	82
	2	<5.0	9.5	190	<0.5	0.6	25	8.9	20	140 (8.9) (0.57)	<0.01	<2.5	27	<2.5	<0.5	5.4	24	72
D13	Surface	<5.0	8.4	110	<0.5	0.6	37	10	24	37	0.13	<2.5	32	<2.5	<0.5	5.1	34	69
	1.5	<5.0	8	180	0.6	<0.5	30	11	27	29	0.11	<2.5	35	<2.5	<0.5	6.6	29	70
D14	Surface	<5.0	<5.0	30	<0.5	<0.5	28	6.9	10	3	0.07	<2.5	22	<2.5	<0.5	8.3	30	36
D15	Surface	<5.0	7.7	180	<0.5	1.2	30	8.2	51	190 (11) (0.20)*	0.17	<2.5	32	<2.5	<0.5	5.2	26	210
	0.5	<5.0	8.3	140	<0.5	0.7	33	7.4	30	58 (4.9)	<0.01	<2.5	28	<2.5	<0.5	<5.0	28	55
D16	Surface	<5.0	9.1	180	<0.5	1.5	32	6.5	71	1,000 (60) (0.27)	0.4	<2.5	29	<2.5	<0.5	<5.0	27	270

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
D17	Surface	<5.0	10	150	<0.5	0.9	34	7.5	39	170 (16) (0.17)	0.14	<2.5	34	<2.5	<0.5	5.6	27	100
D18	Surface	<5.0	9.4	120	<0.5	0.7	27	6.5	37	220 (18) (0.24)	0.3	<2.5	28	<2.5	<0.5	<5.0	23	120
	3	<5.0	<5.0	90	<0.5	<0.5	83 (1.2)	12	10	12	<0.01	<2.5	180	<2.5	<0.5	5.4	31	38
D19	Surface	<5.0	5.6	130	<0.5	0.9	32	6.7	38	270 (24) (0.17)	0.36	<2.5	26	<2.5	<0.5	<5.0	23	190
D20	Surface	<5.0	5.1	220	<0.5	0.6	22	10	31	73 (4.8)*	0.86	<2.5	31	<2.5	<0.5	6.6	22	87
	3	<5.0	<5.0	65	<0.5	<0.5	44	10	14	91 (2.8)	0.16	<2.5	26	<2.5	<0.5	<5.0	41	63
D21	Surface	<5.0	6.7	220	<0.5	2.0	29	5.6	110	3,600 (9.3) (0.42)	0.23	2.5	28	<2.5	<0.5	<5.0	16	460
	3	<5.0	6	200	0.7	<0.5	19	18	29	26	<0.05	<2.5	34	<2.5	<0.5	7.3	21	72
D22	Surface	<5.0	7.1	270	0.5	0.5	22	15	30	120 (7.3) (0.16)	0.09	<2.5	33	<2.5	<0.5	6.3	21	79
	3	<5.0	5.5	260	0.5	0.6	19	17	23	11	<0.05	<2.5	31	<2.5	<0.5	5.3	18	57
D24	Surface	<5.0	<5.0	39	<0.5	<0.5	20	4.4	7.6	45	<0.05	<2.5	23	<2.5	<0.5	<5.0	15	39
	3	<5.0	<5.0	190	<0.5	0.6	22	8.1	33	160 (3.1)*	0.14	<2.5	25	<2.5	<0.5	6	25	130
D25	Surface	<5.0	<5.0	430	0.5	1.2	25	30	69	330 (24) (0.30)	0.24	<2.5	54	<2.5	<0.5	7.7	27	240
D26	Surface	<5.0	<5.0	300	<0.5	1.0	26	24	53	160 (7.4) (0.14)	0.15	<2.5	49	<2.5	<0.5	6	27	150
	2	<5.0	<5.0	390	0.5	0.9	26	26	54	170 (6.3) (0.13)	0.17	2.8	55	5.1	<0.5	6.9	27	150
D27	Surface	<5.0	<5.0	350	<0.5	<0.5	29	22	95	410 (23) (ND)*	0.62	<2.5	45	<2.5	<0.5	<5.0	27	360
D28	Surface	<50	<50	330	<5.0	<5.0	71	35	57	230 (12) (ND)*	0.11	<25	320	<25	<5.0	<50	55	240
	3	<5.0	6.3	200	<0.5	0.5	17	14	26	13	<0.05	<2.5	100	<2.5	<0.5	5.3	25	68
D29	Surface	<5.0	<5.0	43	<0.5	0.7	49	5.5	31	48	0.11	<2.5	48	<2.5	<0.5	<5.0	17	160
	1	<5.0	<5.0	84	<0.5	<0.5	65 (0.2)	11	9.5	9.1	0.08	<2.5	45	<2.5	<0.5	<5.0	45	27
D30	Surface	<5.0	<5.0	32	<0.5	0.6	31	12	21	6.3	0.08	<2.5	28	<2.5	<0.5	9	37	50
	3	<5.0	<5.0	140	<0.5	0.6	49	12	17	24	0.15	<2.5	45	<2.5	<0.5	<5.0	38	48
D31	Surface	<5.0	<5.0	270	<0.5	0.8	19	15	32	28	0.09	<2.5	49	<2.5	<0.5	7.7	23	90
	3	<5.0	<5.0	19	<0.5	<0.5	27	4	4.6	12	0.11	<2.5	15	<2.5	<0.5	<5.0	17	20
D32	Surface	<5.0	<5.0	65	<0.5	0.6	22	7.2	38	74 (4.4)	0.18	<2.5	21	<2.5	<0.5	<5.0	23	130
	3	<5.0	<5.0	94	<0.5	0.7	32	8.3	64	100 (4.8)	0.71	<2.5	28	<2.5	<0.5	<5.0	28	150
D33	Surface	<5.0	<5.0	78	<0.5	0.6	72 (<0.1)	15	32	12	0.1	<2.5	110	<2.5	<0.5	9	31	70
	3	<5.0	<5.0	200	<0.5	<0.5	38	13	25	31	0.14	<2.5	42	<2.5	<0.5	5.6	32	65

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
D34	Surface	6.2	<5.0	210	<0.5	0.6	29	13	39	160 (2.4)	0.29	<2.5	39	<2.5	<0.5	5.8	25	110
	3	<5.0	<5.0	110	<0.5	<0.5	40	9.4	17	25	0.12	<2.5	30	<2.5	<0.5	<5.0	32	45
D35	Surface	<5.0	<5.0	150	<0.5	0.6	28	12	36	74 (4.1)	0.22	<2.5	34	<2.5	<0.5	<5.0	26	110
	3	<5.0	<5.0	180	0.5	0.7	23	15	28	14	0.07	<2.5	37	<2.5	<0.5	7.2	25	73
D36	Surface	<5.0	<5.0	160	<0.5	1.2	26	12	43	75 (4.4)	0.2	<2.5	64	<2.5	<0.5	<5.0	22	110
	3	<5.0	<5.0	220	<0.5	0.6	32	15	30	25	0.11	<2.5	46	<2.5	<0.5	7.3	27	73
D37	Surface	<5.0	<5.0	47	<0.5	1.2	30	5.9	170	11*	0.66	<2.5	28	<2.5	<0.5	<5.0	23	300
	3	<5.0	<5.0	11	<0.5	<0.5	21	3.7	3.5	2.2	0.06	<2.5	15	<2.5	<0.5	<5.0	17	64
D38	Surface	<5.0	<5.0	98	<0.5	<0.5	24	9.8	12	38	0.07	<2.5	22	<2.5	<0.5	<5.0	18	41
	1.5	12	<5.0	110	<0.5	<0.5	33	8.9	20	650 (18) (0.35)	0.15	<2.5	26	<2.5	<0.5	<5.0	29	66
D39	Surface	<5.0	<5.0	64	<0.5	<0.5	23	4.1	22	43	0.11	<2.5	31	<2.5	<0.5	<5.0	14	86
D40	Surface	<5.0	<5.0	150	<0.5	0.6	46	10	23	170 (13) (<0.02)	0.13	<2.5	32	<2.5	<0.5	<5.0	33	88
	3	<5.0	<5.0	270	<0.5	<0.5	19	2.4	36	440 (13) (<0.02)	0.1	<2.5	9.4	<2.5	<0.5	<5.0	41	230
D41	Surface	<5.0	<5.0	80	0.5	<0.5	26	7	9.5	12	<0.50	<2.5	19	<2.5	<0.5	<5.0	27	34
	3	<5.0	<5.0	61	<0.5	<0.5	52 (ins)	5.3	5.9	3.2	<0.50	<2.5	18	<2.5	<0.5	<5.0	28	24
D42	Surface	<5.0	<5.0	160	<0.5	<0.5	39	9.7	13	4.8	<0.05	<2.5	32	<2.5	<0.5	<5.0	30	29
	3	<5.0	<5.0	60	<0.5	<0.5	48	7.5	10	2.1	<0.05	<2.5	35	<2.5	<0.5	<5.0	37	29
D43	Surface	<5.0	<5.0	210	0.5	<0.5	29	11	31	26	0.08	<2.5	31	<2.5	<0.5	<5.0	28	60
	3	<5.0	<5.0	47	<0.5	<0.5	36	3.4	6.6	6.3	<0.05	<2.5	19	<2.5	<0.5	<5.0	38	24
D44	Surface	<5.0	<5.0	140	<0.5	<0.5	38	9.2	22	190 (7.9) (<0.02)	0.51	<2.5	43	<2.5	<0.5	<5.0	26	99
	3	<5.0	<5.0	99	<0.5	<0.5	43	7.8	13	15	<0.05	<2.5	32	<2.5	<0.5	<5.0	32	43
D45	Surface	<5.0	<5.0	310	<0.5	<0.5	44	8.9	53	250 (24) (0.42)	0.39	<2.5	25	<2.5	<0.5	<5.0	30	160
	3	<5.0	<5.0	56	<0.5	<0.5	51	11	7.6	1.7	<0.05	<2.5	34	<2.5	<0.5	<5.0	44	21
D46	Surface	<5.0	6.5	120	<0.5	<0.5	36	7.9	19	97 (4.3)*	0.14	<2.5	42	<2.5	<0.5	<5.0	21	47
	3	<5.0	7.2	100	<0.5	0.6	48	10	11	3.4	<0.10	<2.5	32	<2.5	<0.5	<5.0	42	24
D47	Surface	<5.0	7.8	100	<0.5	0.6	54	10	25	78 (2.9)	<0.10	<2.5	64	<2.5	<0.5	<5.0	22	49
	3	<5.0	<5.0	57	0.6	<0.5	10	6.3	5.5	6	<0.10	<2.5	19	<2.5	<0.5	<5.0	16	25
D48	Surface	<5.0	7.7	76	<0.5	<0.5	49	13	8.5	9.7	0.13	<2.5	36	<2.5	<0.5	<5.0	45	30
	3	<5.0	6.3	98	<0.5	<0.5	45	10	13	11	<0.10	<2.5	30	<2.5	<0.5	<5.0	39	32
D49	Surface	<5.0	5.4	110	<0.5	0.6	35	7.6	19	29	<0.10	<2.5	40	<2.5	<0.5	6.3	22	50
	3	<5.0	5.7	67	<0.5	<0.5	53 (0.1)	12	13	5.2	<0.10	<2.5	33	<2.5	<0.5	<5.0	46	28
D50	Surface	<5.0	5.2	120	<0.5	0.6	34	9.6	29	100 (7.1) (0.07)	0.15	<2.5	33	<2.5	<0.5	<5.0	30	91
	3	<5.0	6	50	0.8	<0.5	23	6.8	8.7	92 (0.3)	0.16	<2.5	35	<2.5	<0.5	<5.0	19	52
D51	Surface	<5.0	<5.0	110	<0.5	<0.5	32	7.4	31	250 (190) (ND)*	<0.05	<2.5	42	<2.5	<0.5	<5.0	20	65
	3	<5.0	<5.0	81	<0.5	<0.5	43	5.7	8.0	2.4	0.15	<2.5	20	<2.5	<0.5	<5.0	29	26

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
D52	Surface	<5.0	<5.0	200	<0.5	0.7	33	9.9	29	120 (10) (ND)*	0.17	<2.5	31	<2.5	<0.5	<5.0	29	130
	3	<5.0	<5.0	91	<0.5	0.5	31	9.8	16	15	<0.05	<2.5	27	<2.5	<0.5	<5.0	26	58
D53	Surface	<5.0	<5.0	120	<0.5	<0.5	38	9	18	30	<0.10	<2.5	27	<2.5	<0.5	<5.0	31	41
	3	<5.0	<5.0	95	<0.5	<0.5	50 (<0.1)	8.1	9.8	3.9	<0.10	<2.5	27	<2.5	<0.5	<5.0	40	22
D54	Surface	<5.0	5.4	190	<0.5	<0.5	30	15	30	63 (4.3)	<0.05	<2.5	60	<2.5	<0.5	6.9	25	79
	3	<5.0	<5.0	190	<0.5	0.6	33	13	26	51 (NS)	<0.05	<2.5	42	<2.5	<0.5	<5.0	27	130
D55	Surface	16	<5.0	120	<0.5	<0.5	43	13	28	390 (4.5)	0.16	<2.5	40	<2.5	<0.5	<5.0	34	89
	3	<5.0	5.8	280	<0.5	1.3	32	7.4	58	8.3*	0.52	<2.5	23	<2.5	<0.5	<5.0	30	430
D56	Surface	<5.0	<5.0	330	0.6	0.6	33	14	35	14	0.05	<2.5	42	<2.5	<0.5	6.7	29	72
	3	<5.0	<5.0	42	<0.5	<0.5	32	6.6	4.7	1.9	<0.05	<2.5	35	<2.5	<0.5	<5.0	22	19
D57	Surface	<5.0	5.8	120	<0.5	<0.5	45	15	22	9.3	<0.05	<2.5	41	<2.5	<0.5	<5.0	36	56
	3	<5.0	<5.0	130	<0.5	<0.5	42	10	18	20	<0.05	<2.5	31	<2.5	<0.5	<5.0	35	67
D58	Surface	<5.0	<5.0	250	<0.5	3.4	45	6.3	270 (18)	17	0.42	3.3	38	<2.5	<0.5	<5.0	21	840
	3	<5.0	<5.0	600	<0.5	0.8	27	4.9	84	1000 (110) (1.0)	1	<2.5	30	<2.5	<0.5	<5.0	21	430
D59	Surface	<5.0	<5.0	130	<0.5	2.2	29	5.9	70	340 (9.4) (0.19)	0.9	<2.5	28	<2.5	<0.5	<5.0	22	330
	3	<5.0	<5.0	46	<0.5	<0.5	30	4.7	6.4	36	0.19	<2.5	20	<2.5	<0.5	<5.0	23	50
D60	Surface	<5.0	<5.0	98	<0.5	<0.5	39	7.5	15	34	0.08	<2.5	28	<2.5	<0.5	<5.0	31	49
	3	<5.0	<5.0	220	<0.5	0.6	27	4.6	43	9.5	0.54	<2.5	21	<2.5	<0.5	<5.0	19	280
D61	Surface	<5.0	<5.0	280	<0.5	3.6	62 (0.6)	8.4	720 (14)	2,700 (190) (5.2)	0.39	4.4	65	<2.5	<0.5	<5.0	26	890
	3	<5.0	6	310	<0.5	3.7	54	12	220	2,400 (100) (3.5)	0.38	4.7	43	<2.5	<0.5	5.9	28	670
D62	Surface	<5.0	<5.0	140	<0.5	<0.5	31	9.9	36	53 (1.7)	0.12	<2.5	37	<2.5	<0.5	<5.0	30	75
	3	<5.0	<5.0	24	<0.5	<0.5	22	4.6	4.5	40	0.4	<2.5	14	<2.5	<0.5	<5.0	19	19
D63	Surface	<5.0	<5.0	150	<0.5	<0.5	38	11	34	22	0.89	<2.5	42	<2.5	<0.5	<5.0	24	62
D64	Surface	<5.0	6.3	270	<0.5	4.1	42	7.9	150	1,600 (120) (6.8)	0.12	<2.5	42	<2.5	<0.5	<5.0	25	1600
	3	<5.0	<5.0	74	<0.5	<0.5	31	5.2	24	130 (9.2) (11)	0.14	<2.5	20	<2.5	<0.5	<5.0	23	79
D65	Surface	<5.0	<5.0	210	<0.5	<0.5	28	12	30	62 (2.1)	0.09	<2.5	38	<2.5	<0.5	<5.0	25	77
	3	<5.0	<5.0	100	<0.5	<0.5	37	10	13	18	0.06	<2.5	33	<2.5	<0.5	<5.0	32	42
D67	Surface	<5.0	5.5	230	<0.5	<0.5	26	18	42	21	<0.05	<2.5	41	<2.5	<0.5	<5.0	24	81
	3	<5.0	<5.0	100	<0.5	<0.5	42	10	14	48	0.34	<2.5	34	<2.5	<0.5	<5.0	34	59
D68	Surface	<5.0	<5.0	230	<0.5	2.2	41	8.7	120	970 (85) (1.7)	<0.05	<2.5	37	<2.5	<0.5	<5.0	24	700
	3	<5.0	<5.0	42	<0.5	<0.5	25	3.9	9.9	67 (4.7)*	<0.05	<2.5	17	<2.5	<0.5	<5.0	17	91
D69	Surface	<5.0	<5.0	160	<0.5	0.7	29	14	45	45	<0.10	<2.5	39	<2.5	<0.5	<5.0	24	91
	3	<5.0	<5.0	92	<0.5	<0.5	38	13	11	44	<0.10	<2.5	38	<2.5	<0.5	<5.0	31	57
D70	Surface	<5.0	6.7	200	<0.5	<0.5	25	15	37	41	<0.05	<2.5	38	<2.5	<0.5	5.8	23	94
	3	<5.0	<5.0	340	<0.5	0.7	43	10	39	51 (ND)*	<0.05	<2.5	33	<2.5	<0.5	<5.0	36	440

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
D71	Surface	<5.0	<5.0	230	<0.5	1.3	33	7.1	140	240 (23) (1.1)	0.14	<2.5	32	<2.5	<0.5	<5.0	19	390
	3	<5.0	<5.0	200	<0.5	0.9	20	3.8	71	2,800 (26) (1.8)	0.41	<2.5	21	<2.5	<0.5	<5.0	14	360
D72	Surface	<5.0	<5.0	190	<0.5	4.9	29	9.6	64	340 (27) (28)	0.32	<2.5	30	<2.5	<0.5	<5.0	24	310
	3	<5.0	<5.0	120	<0.5	0.7	34	7.8	29	21*	0.33	<2.5	27	<2.5	<0.5	<5.0	28	190
D73	Surface	<5.0	<5.0	100	<0.5	<0.5	42	12	17	6.5	<0.10	<2.5	46	<2.5	<0.5	<5.0	25	45
	3	<5.0	<5.0	150	0.6	<0.5	17	8.1	18	11	<0.10	<2.5	25	<2.5	<0.5	<5.0	17	61
D75	Surface	<5.0	<5.0	200	<0.5	2.8	30	5.3	110	1,600 (110) (1.5)	0.48	2.6	29	<2.5	<0.5	<5.0	17	700
	3	<5.0	<5.0	86	<0.5	<0.5	37	7.1	15	130 (15) (0.19)	0.46	<2.5	23	<2.5	<0.5	<5.0	32	85
D76	Surface	<5.0	<5.0	220	<0.5	<0.5	22	9.8	20	120 (7.8) (0.10)	0.24	<2.5	21	<2.5	<0.5	<5.0	21	79
	3	<5.0	<5.0	95	<0.5	<0.5	20	5.5	67	100 (13) (ND)*	0.31	<2.5	20	<2.5	<0.5	<5.0	15	110
D77	Surface	<5.0	<5.0	110	<0.5	0.9	20	5.3	200	270 (0.7)	0.29	<2.5	19	<2.5	<0.5	<5.0	17	260
	3	<5.0	<5.0	99	<0.5	<0.5	20	4	29	310 (24) (0.57)	0.55	<2.5	18	<2.5	<0.5	<5.0	15	170
D78	Surface	<5.0	<5.0	230	<0.5	<0.5	20	9.8	16	12	0.05	<2.5	64	<2.5	<0.5	<5.0	15	45
	3	<5.0	<5.0	130	<0.5	<0.5	25	4.6	27	160 (16) (0.35)	0.83	<2.5	18	<2.5	<0.5	<5.0	18	120
TTLC		500	500	10,000	75	100	500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
STLC		15	5	100	0.75	1	5	80	25	5	0.2	350	20	1	5	7	24	250

Notes:

Depth in feet below ground surface

<0.01 = not detected at or above the laboratory detection limits

Metals are designated by their symbol on the periodic table of elements.

All samples are reported as total concentration in milligrams per kilogram (mg/kg), unless indicated.

(3.3) = Soluable concentration after a WET, presented in milligrams per liter (mg/l)

(3.3) = Soluble concentration after a TCLP, presented in mg/l.

NS = Not sufficient sample to analyze

TTLC = total threshold limit concentration

STLC = soluable threshold limit concentration.

* = Soil sample resampled and reanalyzed

TABLE 12

SUMMARY OF ANALYTICAL RESULTS: ORGANICS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE

DEMOLITION COLUMNS

BORING	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC	SVOC
D2	Surface	50	ND	ND	ND	ND	ND	ND	ND
	3	130	ND	ND	ND	ND	ND	ND	ND
D3	Surface	<10	ND	ND	ND	ND	--	ND	ND
	3	<10	ND	ND	ND	ND	--	ND	ND
D4	Surface	<10	ND	ND	ND	ND	--	ND	--
	3	<10	ND	ND	ND	ND	--	ND	--
D5	Surface	<10	ND	ND	ND	ND	ND	--	ND
	3	<10	ND	ND	ND	ND	ND	--	ND
D6	Surface	<10	ND	ND	16	102	33 (1260)	118	ND
D7	Surface	210	ND	63	40	259	--	362	ND
D8	Surface	290	ND	ND	ND	ND	ND	--	ND
D9	Surface	210	ND	ND	ND	ND	3,300 (1260)	--	24,800
	3	<10	ND	ND	ND	ND	ND	--	ND
D10	Surface	<10	ND	ND	ND	ND	ND	--	ND
D11	Surface	<10	ND	ND	ND	ND	ND	ND	--
	3	<10	ND	ND	ND	ND	ND	ND	--
D12	Surface	<10	ND	ND	ND	ND	ND	--	ND
	2	<10	ND	ND	ND	ND	ND	--	ND
D13	Surface	<10	ND	ND	ND	ND	--	ND	--
	1.5	<10	ND	ND	ND	ND	--	ND	--
D14	Surface	<10	ND	ND	ND	ND	ND	--	ND
	3	<10	ND	ND	ND	ND	ND	--	ND
D15	Surface	170	ND	ND	ND	ND	--	ND	--
	0.5	30	ND	ND	ND	ND	--	ND	--
D16	Surface	110	ND	ND	ND	ND	800 (1260)	--	ND
D17	Surface	40	ND	ND	ND	ND	--	ND	--
D18	Surface	40	ND	ND	ND	ND	ND	--	ND
	3	<10	ND	ND	ND	ND	ND	--	ND
D19	Surface	60	ND	ND	ND	ND	--	ND	--
D20	Surface	<10	ND	ND	ND	ND	ND	--	ND
	3	<10	ND	ND	ND	ND	ND	--	ND
D21	Surface	<10	ND	ND	ND	ND	--	ND	--
	3	<10	ND	ND	ND	ND	--	ND	--
D22	Surface	<10	ND	ND	ND	ND	ND	--	ND
	3	<10	ND	ND	ND	ND	ND	--	ND
D24	Surface	<10	ND	ND	ND	ND	0.067 (1260)	ND	--
	3	<10	ND	ND	ND	ND	0.086 (1260)	ND	--

BORING	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC	SVOC
D25	Surface	260	ND	ND	ND	ND	—	—	910
D26	Surface	70	ND	ND	ND	ND	—	ND	—
	2	90	ND	ND	ND	ND	—	ND	—
D27	Surface	170	ND	ND	ND	ND	—	—	ND
D28	Surface	100	ND	ND	ND	ND	—	ND	—
	3	<10	ND	ND	ND	ND	—	ND	—
D29	Surface	100	ND	ND	ND	ND	ND	ND	—
	1	<10	ND	ND	ND	ND	ND	ND	—
D30	Surface	140	ND	ND	ND	ND	—	—	ND
	3	<10	ND	ND	ND	ND	—	—	ND
D31	Surface	<10	ND	ND	ND	ND	ND	ND	—
	3	<10	ND	ND	ND	ND	ND	ND	—
D32	Surface	<10	ND	ND	ND	ND	—	—	—
	3	<10	ND	ND	ND	ND	—	—	5110
D33	Surface	190	ND	ND	ND	ND	ND	ND	—
	3	<10	ND	ND	ND	ND	—	ND	—
D34	Surface	<10	ND	ND	ND	ND	—	—	ND
	3	<10	ND	ND	ND	ND	—	—	ND
D35	Surface	<10	ND	ND	ND	ND	ND	ND	—
	3	<10	ND	ND	ND	ND	ND	ND	—
D36	Surface	<10	ND	ND	ND	ND	—	—	ND
	3	<10	ND	ND	ND	ND	—	—	ND
D37	Surface	160	ND	ND	ND	ND	ND	ND	—
	3	<10	ND	ND	ND	ND	ND	ND	—
D38	Surface	290	ND	ND	ND	ND	—	—	—
	1.5	110	ND	ND	ND	ND	—	—	—
D39	Surface	2300	ND	ND	ND	ND	—	—	ND
D40	Surface	160	ND	ND	ND	ND	—	61	—
	3	<10	ND	ND	ND	ND	—	ND	—
D41	Surface	<10	ND	ND	ND	ND	—	—	ND
	3	<10	ND	ND	ND	ND	—	—	ND
D42	Surface	<10	ND	ND	ND	ND	ND	7	—
	3	<10	ND	ND	ND	ND	ND	7.7	—
D43	Surface	<10	ND	ND	ND	ND	—	—	ND
	3	<10	ND	ND	ND	ND	—	—	ND
D44	Surface	150	ND	ND	ND	ND	—	6.8	—
	3	<10	ND	ND	ND	ND	—	ND	—
D45	Surface	<10	ND	ND	ND	ND	—	—	660
	3	<10	ND	ND	ND	ND	—	—	ND
D46	Surface	780	ND	ND	ND	ND	—	6.7	—
	3	<10	ND	ND	ND	ND	—	ND	—
D47	Surface	2700	ND	ND	ND	ND	—	—	ND
	3	<10	ND	ND	ND	ND	—	—	ND
D48	Surface	<10	ND	ND	ND	ND	—	—	ND
	3	<10	ND	ND	ND	ND	—	—	ND
D49	Surface	770	ND	ND	ND	ND	—	7.7	—
	3	<10	ND	ND	ND	ND	—	ND	—

BORING	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC	SVOC
D50	Surface	<10	ND	ND	ND	ND	—	ND	—
	3	<10	ND	ND	ND	ND	—	ND	—
D51	Surface	<10	ND	ND	ND	ND	—	ND	—
	3	<10	ND	ND	ND	ND	—	ND	—
D52	Surface	<10	ND	ND	ND	ND	—	ND	—
	3	<10	ND	ND	ND	ND	—	ND	—
D53	Surface	<10	ND	ND	ND	ND	—	—	330
	3	<10	ND	ND	ND	ND	—	—	ND
D54	Surface	<10	ND	ND	ND	ND	—	—	ND
	3	<10	ND	ND	ND	ND	—	—	ND
D55	Surface	1200	ND	ND	ND	ND	—	—	2600
	3	60	ND	ND	ND	ND	—	—	830
D56	Surface	<10	ND	ND	ND	ND	—	—	ND
	3	<10	ND	ND	ND	ND	—	—	ND
D57	Surface	<10	ND	ND	ND	ND	ND	ND	—
	3	<10	ND	ND	ND	ND	ND	ND	—
D58	Surface	390	ND	ND	ND	ND	—	—	6170
	3	<10	ND	ND	ND	ND	—	—	—
D59	Surface	<10	ND	ND	ND	ND	—	ND	—
	3	<10	ND	ND	ND	ND	—	ND	—
D60	Surface	<10	ND	ND	ND	ND	—	ND	—
	3	50	ND	ND	ND	ND	—	ND	—
D61	Surface	2400	ND	ND	ND	ND	—	—	7370
	3	1400	ND	ND	ND	ND	—	—	7950
D62	Surface	150	ND	ND	ND	ND	—	ND	—
	3	<10	ND	ND	ND	ND	—	ND	—
D63	Surface	240	ND	ND	ND	ND	5.3 (1260)	—	ND
D64	Surface	1100	ND	ND	ND	ND	—	ND	—
	3	<10	ND	ND	ND	ND	—	ND	—
D65	Surface	<10	ND	ND	ND	ND	—	—	ND
	3	<10	ND	ND	ND	ND	—	—	ND
D67	Surface	70	ND	ND	ND	ND	—	—	ND
	3	<10	ND	ND	ND	ND	—	—	ND
D68	Surface	580	ND	ND	ND	ND	—	—	3410
	3	<10	ND	ND	ND	ND	—	—	ND
D69	Surface	<10	ND	ND	ND	ND	—	ND	—
	3	<10	ND	ND	ND	ND	—	ND	—
D70	Surface	<10	ND	ND	ND	ND	—	ND	—
	3	<10	ND	ND	ND	ND	—	ND	—
D71	Surface	150	ND	ND	ND	ND	—	ND	—
	3	<10	ND	ND	ND	ND	—	ND	—
D72	Surface	300	ND	ND	ND	ND	ND	—	ND
	3	<10	ND	ND	ND	ND	ND	—	ND

BORING	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC	SVOC
D73	Surface	<10	ND	ND	ND	ND	—	—	ND
	3	<10	ND	ND	ND	ND	—	—	ND
D75	Surface	<10	ND	ND	ND	ND	—	ND	1320
	3	<10	ND	ND	ND	ND	—	ND	ND
D76	Surface	<10	ND	ND	ND	ND	ND	ND	—
	3	<10	ND	ND	ND	ND	ND	ND	—
D77	Surface	<10	ND	ND	ND	ND	—	—	ND
	3	<10	ND	ND	ND	ND	—	—	580
D78	Surface	<10	ND	ND	ND	ND	ND	—	ND
	3	<10	ND	ND	ND	ND	ND	—	590

Notes:

All concentrations are presented in milligrams per kilogram unless noted

Sample depth is presented in feet below ground surface

ND = Not Detected

— = Not Analyzed

TPH-S = Total Petroleum Hydocarbon Speciation

VOC = Total of Volatile Organic Compounds Detected (presented in micrograms per kilogram)

VOC concentrations do not include acetone and methylene chloride, as these are common laboratory contaminants.

SVOC = Total of Semi-Volatile Organic Compounds Detected (presented in micrograms per kilogram)

SVOC concentrations do not include phthalate compounds, as these are common laboratory contaminants.

PCB = Total of Polychlorinated Biphenyls compounds detected (type of PCB in parantheses)

TABLE 13

SUMMARY OF ANALYTICAL RESULTS: VOC COMPOUNDS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE

Demolition Columns

Boring	Depth	n-Butylbenzene	Ethylbenzene	cis-1,2-Dichloroethene	Chlorobenzene	Carbon disulfide	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trimethylbenzene	Total Xylenes	Total VOCs
D6	S	ND	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	102	118
D7	S	ND	40	ND	ND	ND	ND	ND	ND	ND	63	ND	ND	259	362
D40	S	ND	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	61
D42	S	ND	ND	ND	ND	ND	ND	ND	7	ND	ND	ND	ND	0	7
D42	3	ND	ND	ND	ND	ND	ND	ND	7.7	ND	ND	ND	ND	0	7.7
D44	S	ND	ND	ND	ND	ND	ND	ND	6.8	ND	ND	ND	ND	0	6.8
D46	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.7	6.7
D49	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.7	7.7

Notes:

Depth is in feet below ground surface

S= Surface

ND = Not detected at or above the laboratory detection limits stated in laboratory reports.

All samples are reported in micrograms per kilogram (ug/kg).

TABLE 14

SUMMARY OF ANALYTICAL RESULTS: SVOC COMPOUNDS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE
DEMOLITION COLUMNS

Boring	Depth	Acenaphthene	Anthracene	Benz(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Chrysene	Dibenz(ah)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Pyrene	Dibenzofuran	Phenol	Total SVOCs
PRG		2,800,000	22,000,000	3,600	3,600	36,000	360	360,000	360	37,000,000	22,000,000	3600	190,000	26,000,000	3,200,000	100,000,000	
D9	Surface	ND	ND	ND	ND	ND	ND	1,200	ND	9,900	ND	ND	1,600	1,500	800	ND	24,600
D25	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	910	910
D32	3	ND	ND	440	550	ND	ND	430	ND	790	ND	ND	ND	1,700	ND	ND	5,110
D45	Surface	ND	ND	ND	ND	660	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	660
D53	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	330	ND	ND	ND	330
D55	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,200	ND	ND	2,600
D55	3	ND	ND	ND	340	ND	ND	ND	ND	ND	ND	ND	ND	490	ND	ND	830
D58	Surface	ND	360	ND	450	ND	ND	440	ND	620	390	ND	470	1300	370	ND	6,170
D58	3	ND	ND	1,200	960	560	930	950	ND	1,200	ND	ND	ND	1,800	ND	ND	8,240
D61	Surface	410	ND	380	460	ND	ND	440	ND	850	420	ND	450	1,600	ND	ND	7,370
D61	3	390	ND	360	510	ND	ND	530	ND	720	390	ND	560	1700	430	ND	7,950
D68	Surface	ND	ND	ND	440	ND	330	480	ND	530	ND	ND	ND	960	ND	ND	3,410
D75	Surface	ND	ND	ND	ND	ND	ND	ND	ND	570	ND	ND	ND	580	ND	ND	1,320
D77	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	580	580
D78	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	590

Notes:

PRG=Preliminary Remedial Goal as stated for Industrial Soil (US EPA Region IX).

All detected SVOC compounds with a published PRG are presented in this table. Total SVOCs includes compounds that do not have a published PRG.

ND = Not detected at or above the laboratory detection limits stated in laboratory reports.

All samples are reported as total concentration in micrograms per kilogram (ug/kg).

Results in bold type are above their respective PRG for that compound.

Depth in presented in feet below ground surface

TABLE 15

SUMMARY OF ANALYTICAL RESULTS: METALS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE
PERMENANT AND TEMPORARY COLUMNS

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TNF2-1	Surface	<5.0	<5.0	96	<0.5	0.6	120 (1.0)	18	32	2,300 (4.3)*	0.17	<2.5	290 (4.6)	<2.5	<0.5	6.7	34	100
	3	<5.0	<5.0	84	<0.5	0.5	44	12	11	8.3	<0.05	<2.5	32	<2.5	<0.5	5.6	43	37
	5	<5.0	5.4	87	<0.5	<0.5	45	12	12	9	<0.05	<2.5	37	<2.5	<0.5	6.5	44	45
TNF2-2	Surface	<5.0	5.2	150	<0.5	0.6	41	10	100	93 (3.7)	0.11	<2.5	33	<2.5	<0.5	6.3	33	110
	3	<5.0	<5.0	73	<0.5	<0.5	21	4.4	40	36*	1.4	<2.5	20	<2.5	<0.5	<5.0	17	110
	5	<5.0	9.9	140	<0.5	0.7	33	8.4	70	33*	0.62	<2.5	32	<2.5	<0.5	15	32	130
	10	---	---	---	---	---	---	---	---	21	---	---	---	---	---	---	---	---
TNF3-1	Surface	<50	<50	<100	<5.0	<5.0	520 (1.6)	68	<25	13*	0.11	<25	1300 (10)	<25	<5.0	<50	29	<100
	3	<5.0	<5.0	75	<0.5	<0.5	48	12	9.5	5.7	<0.05	<2.5	28	<2.5	<0.5	<5.0	39	34
	5	<5.0	<5.0	130	<0.5	<0.5	41	13	13	19	0.92	<2.5	34	<2.5	<0.5	<5.0	35	44
TNF3-2	Surface	<5.0	<5.0	120	<0.5	<0.5	47	11	28	85 (3.2)	0.06	<2.5	45	<2.5	<0.5	<5.0	32	82
	3	<5.0	<5.0	80	<0.5	<0.5	45	7.3	22	69 (ND)*	0.09	<2.5	27	<2.5	<0.5	<5.0	31	60
TNF6-1	Surface	<5.0	<5.0	<10	<0.5	<0.5	360 (NS)	78	<2.5	150 (5.3) (ND)*	<0.05	<2.5	1400 (NS)	<2.5	<0.5	<5.0	38	<10
	3	<5.0	<5.0	100	<0.5	0.7	24	3.9	61	38	0.91	<2.5	19	<2.5	<0.5	<5.0	19	320
	5	<5.0	<5.0	120	<0.5	<0.5	22	4.1	68	18	0.42	<2.5	16	<2.5	<0.5	<5.0	18	180
TNF6-2	Surface	<5.0	<5.0	190	<0.5	0.6	36	9.8	31	98 (ND)*	0.45	<2.5	26	<2.5	<0.5	<5.0	32	110
	3	<5.0	<5.0	760	0.5	1	24	7.5	160	350 (22) (ND)*	0.57	<2.5	23	<2.5	<0.5	<5.0	51	270
	5	<5.0	<5.0	53	<0.5	<0.5	32	4.7	15	340 (20) (ND)*	0.11	<2.5	21	<2.5	<0.5	<5.0	24	60
	10	7	5.5	260	0.6	<0.5	21	5.8	45	470 (93) (NS)	0.34	<2.5	16	<2.5	<0.5	<5.0	30	130
	15	---	---	---	---	---	---	---	---	13	---	---	---	---	---	---	---	---
TNF7-1	Surface	<5.0	7.6	170	<0.5	0.6	77 (0.5)	21	39	27	<0.05	<2.5	250 (3.8)	<2.5	<0.5	11	37	88
	3	<5.0	6.3	250	<0.5	0.5	23	3.9	57	29*	0.20	<2.5	18	<2.5	<0.5	<5.0	22	640
	5	<5.0	5.3	86	<0.5	<0.5	22	3.7	18	130 (35) (.98)*	0.54	<2.5	16	<2.5	<0.5	<5.0	20	270
TNF7-2	Surface	<5.0	5	230	0.6	0.6	25	15	42	310 (20) (2.2)	<0.05	<2.5	40	<2.5	<0.5	5.2	33	110
	3	<5.0	<5.0	25	<0.5	<0.5	30	4.8	5.7	31	<0.05	<2.5	20	<2.5	<0.5	<5.0	26	29
	5	<5.0	<5.0	27	<0.5	<0.5	31	5.1	14	22	<0.10	<2.5	19	<2.5	<0.5	<5.0	23	26

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
T9-1	Surface	<5.0	<5.0	100	0.5	<0.5	20	6.2	12	49	<0.05	<2.5	19	<2.5	<0.5	<5.0	20	66
	3	<5.0	<5.0	270	<0.5	<0.5	21	7.6	51	150 (4.3)*	5.5 (0.014)	<2.5	24	<2.5	<0.5	<5.0	18	190
	5	<5.0	<5.0	260	<0.5	0.5	30	7.9	35	620 (26) (ND)*	3.1	<2.5	29	<2.5	<0.5	<5.0	26	210
T9-2	Surface	<5.0	<5.0	130	<0.5	<0.5	34	13	13	21	0.09	<2.5	26	<2.5	<0.5	<5.0	33	49
	10	<5.0	<5.0	95	<0.5	<0.5	68 (0.3)	8.3	6.8	1.6	<0.10	<2.5	40	<2.5	<0.5	<5.0	31	24
T9-3	Surface	<5.0	<5.0	140	<0.5	<0.5	33	7.9	20	6.3*	0.08	<2.5	29	<2.5	<0.5	<5.0	28	75
	3	<5.0	<5.0	79	<0.5	<0.5	21	5.7	10	46	0.11	<2.5	17	<2.5	<0.5	<5.0	17	43
	5	<5.0	<5.0	54	<0.5	<0.5	28	5.1	12	60 (3.1)	0.38	<2.5	19	<2.5	<0.5	<5.0	23	54
T10-1	Surface	<5.0	<5.0	<10	<0.5	<0.5	38	15	<2.5	<1.0	<0.05	<2.5	39	<2.5	<0.5	<5.0	49	<10
	3	<5.0	<5.0	170	<0.5	<0.5	16	8.5	26	22	0.09	<2.5	29	<2.5	<0.5	<5.0	16	52
	5	<5.0	5.4	170	<0.5	0.5	22	9.6	35	14	0.11	<2.5	38	<2.5	<0.5	<5.0	21	77
T10-2	Surface	<5.0	<5.0	36	0.5	<0.5	27	6.4	6.7	76 (<0.2)	0.06	<2.5	22	<2.5	<0.5	<5.0	26	23
	3	<5.0	<5.0	62	0.6	<0.5	8.6	8.4	6.3	5.1	<0.10	<2.5	34	<2.5	<0.5	<5.0	15	29
T10-3	Surface	<5.0	<5.0	91	<0.5	<0.5	48	10	18	67 (3.9)	0.12	<2.5	33	<2.5	<0.5	<5.0	37	90
	3	<5.0	<5.0	160	<0.5	<0.5	38	7	17	260 (2.1)	<0.10	<2.5	25	<2.5	<0.5	<5.0	31	60
T11-1	Surface	<5.0	<5.0	50	<0.5	<0.5	53 (1.0)	11	11	7	0.06	<2.5	43	<2.5	<0.5	<5.0	42	27
	3	<5.0	<5.0	40	<0.5	<0.5	34	10	3.9	2.1	<0.10	<2.5	18	<2.5	<0.5	<5.0	29	15
T11-2	Surface	<5.0	<5.0	68	<0.5	<0.5	47	9.9	8.5	5.1	<0.05	<2.5	39	<2.5	<0.5	<5.0	41	26
	3	<5.0	<5.0	120	<0.5	<0.5	83 (0.3)	8.3	6.9	<1.0	<0.10	<2.5	36	<2.5	<0.5	<5.0	47	26
T11-3	Surface	<5.0	<5.0	85	<0.5	<0.5	27	5.8	10	210 (9.2) (0.04)	0.85	<2.5	20	<2.5	<0.5	<5.0	27	42
	3	<5.0	<5.0	62	<0.5	<0.5	44	6.2	8.3	2.5	<0.10	<2.5	31	<2.5	<0.5	<5.0	39	20
	5	<5.0	<5.0	44	<0.5	<0.5	57 (0.2)	6.4	7.7	2.0	<0.05	<2.5	31	<2.5	<0.5	<5.0	33	25
T12-1	Surface	<5.0	<5.0	62	<0.5	0.5	43	7.6	7.6	2.2	<0.05	<2.5	22	<2.5	<0.5	<5.0	46	25
	3	<5.0	<5.0	85	<0.5	<0.5	51 (0.7)	12	8.1	1.8	<0.10	<2.5	35	<2.5	<0.5	<5.0	48	26
	5	<5.0	<5.0	79	<0.5	0.5	55 (0.3)	9.8	8.4	1.9	<0.05	<2.5	33	<2.5	<0.5	<5.0	52	27
T12-2	Surface	<5.0	8.9	110	<0.5	<0.5	31	8.8	14	42	<0.05	<2.5	26	<2.5	<0.5	<5.0	30	45
	3	<5.0	8.7	100	<0.5	<0.5	35	16	38	47	0.07	<2.5	33	<2.5	<0.5	<5.0	38	53
	5	<5.0	7.1	58	<0.5	<0.5	36	7.9	6.6	3.3	<0.05	<2.5	18	<2.5	<0.5	<5.0	32	17
	10	<5.0	7.6	58	<0.5	<0.5	33	10	8.8	4.8	<0.05	<2.5	23	<2.5	<0.5	<5.0	30	19
T12-3	Surface	<5.0	<5.0	170	<0.5	<0.5	35	8.1	29	340 (33) (0.19)	0.24	<2.5	28	<2.5	<0.5	<5.0	29	260
	3	<5.0	<5.0	57	<0.5	<0.5	43	8.5	9.0	2.8	<0.10	<2.5	32	<2.5	<0.5	<5.0	35	24
	5	<5.0	<5.0	76	<0.5	<0.5	45	7.9	8.5	2.1	<0.05	<2.5	34	<2.5	<0.5	<5.0	36	27

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TF31-1	Surface	<5.0	<5.0	52	0.5	<0.5	25	9	18*	5.6*	<0.05	<2.5	21	<2.5	<0.5	7.2	35	72
	3	<5.0	<5.0	41	<0.5	<0.5	8.3	2.6	6.8	2.4	<0.05	<2.5	13	<2.5	<0.5	<5.0	8.8	34
	8	<5.0	<5.0	110	<0.5	<0.5	34	8	17	18	<0.10	<2.5	32	<2.5	<0.5	<5.0	26	53
TF32-1	Surface	<5.0	6.3	190	0.6	0.7	32	15	35	26	<0.05	<2.5	46	<2.5	<0.5	5.7	26	94
	3	<5.0	10	120	<0.5	<0.5	25	13	31	12	<0.05	<2.5	39	<2.5	<0.5	10	26	85
	5	<5.0	8.5	300	0.5	<0.5	20	13	27	11	<0.05	<2.5	33	<2.5	<0.5	8.8	23	81
	10	<5.0	7.6	410	0.8	0.5	20	20	35	21	0.1	<2.5	32	<2.5	<0.5	7.9	20	84
	15	<5.0	<5.0	37	<0.5	<0.5	31	4.7	5.3	15	<0.05	<2.5	19	<2.5	<0.5	<5.0	22	35
TF33-1	Surface	<5.0	<5.0	110	<0.5	0.5	24	9.9	54	41	<0.05	<2.5	21	<2.5	<0.5	<5.0	34	70
	3	<5.0	8	220	0.6	<0.5	22	14	31	31	<0.05	<2.5	34	<2.5	<0.5	<5.0	21	81
	5	<5.0	<5.0	120	<0.5	<0.5	28	7.7	20	36	0.15	<2.5	26	<2.5	<0.5	<5.0	23	68
TF34-1	Surface	<5.0	<5.0	100	<0.5	<0.5	35	7.5	29	52 (2.8)	0.09	<2.5	28	<2.5	<0.5	<5.0	25	61
	3	<5.0	5.2	150	<0.5	1.3	45	10	86	78 (2.2)	<0.05	<2.5	36	<2.5	<0.5	<5.0	34	99
	5	<5.0	<5.0	100	<0.5	<0.5	38	5.3	80	11*	0.35	<2.5	28	<2.5	<0.5	<5.0	29	230
	10	<5.0	6.2	89	<0.5	0.8	50	6.2	82	250 (8.3) (0.35)	—	<2.5	94	<2.5	<0.5	<5.0	27	270
	15	---	---	—	---	—	—	---	---	34	—	—	—	—	—	—	---	—
TF35-1	Surface	7.3	6.5	140	<0.5	0.6	34	8.7	51	<5.0*	0.14	<2.5	31	<2.5	<0.5	<5.0	25	100
	3	<5.0	5.5	64	<0.5	<0.5	39	6.9	19	93 (4.7)	<0.05	<2.5	33	<2.5	<0.5	<5.0	31	63
	5	<5.0	7.6	47	0.7	<0.5	28	8.2	28	31	<0.05	<2.5	21	<2.5	<0.5	<5.0	27	82
TF36-1	Surface	<5.0	7.9	130	<0.5	1.6	30	6.8	190	370 (19) (1.7)*	1.7	<2.5	25	<2.5	<0.5	<5.0	28	520
	3	<5.0	6	50	<0.5	0.6	81 (0.3)	8.1	92	120 (8.6) (NS)	65 (0.13)	<2.5	32	<2.5	<0.5	<5.0	32	260
	5	<5.0	<5.0	180	1	<0.5	7.4	7	51	38	1.6	<2.5	12	<2.5	<0.5	<5.0	20	80
	10	<5.0	<5.0	420	1.9	<0.5	7.3	7.6	100	29	<0.10	<2.5	16	<2.5	<0.5	<5.0	39	67

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TNF36-1	Surface	<5.0	9.0	51	<0.5	<0.5	27	5.3	21	316 (2.8)	3.8 (NS)	<2.5	24	<2.5	<0.5	<5.0	28	100
	3	<5.0	<5.0	12	<0.5	<0.5	33	3.5	3.8	2.3	<0.05	<2.5	16	<2.5	<0.5	<5.0	23	19
	5	<5.0	<5.0	12	<0.5	<0.5	33	4.7	<2.5	2.9	<0.05	<2.5	17	<2.5	<0.5	<5.0	19	26
TNF37-1	Surface	<5.0	12	140	<0.5	<0.5	32	5.6	30	32	0.10	4.4	24	<2.5	<0.5	<5.0	33	70
	3	<5.0	7.7	140	<0.5	<0.5	47	5.4	31	40	0.12	9.4	26	<2.5	<0.5	<5.0	31	69
	5	<5.0	8.7	190	<0.5	<0.5	25	5.2	28	20	0.11	<2.5	25	<2.5	<0.5	<5.0	36	49
TNF38-1	Surface	<5.0	7.9	47	<0.5	<0.5	26	4.9	53	24*	1.1	<2.5	21	<2.5	<0.5	<5.0	18	88
	3	<5.0	<5.0	<10	<0.5	<0.5	31	3.5	3.2	1.1	<0.05	<2.5	14	<2.5	<0.5	<5.0	20	20
	5	<5.0	<5.0	10	<0.5	<0.5	27	3.2	3.0	15	<0.05	<2.5	14	<2.5	<0.5	<5.0	16	20
TTLC		500	500	10,000	75	100	500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
STLC		15	5	100	0.75	1	5	80	25	5	0.2	350	20	1	5	7	24	250

Notes:

Depth is in feet below ground surface

<0.01 = not detected at or above the laboratory detection limits

Metals are designated by their symbol on the periodic table of elements.

All samples are reported as total concentration in milligrams per kilogram (mg/kg), unless indicated.

(3.3) = Soluable concentration after a WET, presented in milligrams per liter (mg/l)

(3.3) = Soluble concentration after a TCLP, presented in mg/l.

NS = Not Sufficient Sample to Analyze

TTLC = total threshold limit concentration

STLC = soluable threshold limit concentration.

* = Soil sample resampled and reanalyzed

BORING NUMBER	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC	SVOC
T11-1	Surface	—	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T11-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T11-3	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T12-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	—
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T12-3	Surface	130	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T13-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T13-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T13-3	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T14-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T14-2	Surface	170	<5.0	<5.0	<5.0	<15	ND	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
T14-3	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T15-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T15-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
T15-3	Surface	200	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T16-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
T17-1	Surface	<10	<5.0	<5.0	<5.0	18.3	—	18.3	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	5,400
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
T18-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	10	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
T19-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T19-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T20-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
T20-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—

BORING NUMBER	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC	SVOC
T22-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	ND	---
	3	<10	<5.0	<5.0	<5.0	<15	ND	ND	---
T22-2	Surface	20	<5.0	<5.0	<5.0	<15	---	ND	---
	4	<10	<5.0	<5.0	<5.0	<15	---	ND	---
T23-2	Surface	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	1	<10	<5.0	<5.0	<5.0	<15	---	ND	---
T24-1	Surface	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	3	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	5	<10	<5.0	<5.0	<5.0	<15	---	ND	---
T24-2	Surface	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	3	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	5	<10	<5.0	<5.0	<5.0	<15	---	ND	---
T24-3	Surface	40	<5.0	<5.0	<5.0	<15	---	ND	---
T25-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND		ND
	3	<10	<5.0	<5.0	<5.0	<15	ND		ND
	5	<10	<5.0	<5.0	<5.0	<15	ND		ND
	15	<10	<5.0	<5.0	<5.0	<15	ND		ND
T25-2	Surface	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	3	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	5	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	10	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	15	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	20	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	25	<10	<5.0	<5.0	<5.0	<15	---	ND	---
T25-3	Surface	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	3	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	5	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	10	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	15	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	20	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	25	<10	<5.0	<5.0	<5.0	<15	---	ND	---
T26-1	Surface	<10	<5.0	<5.0	<5.0	<15	220 (1260)	---	ND
	3	<10	<5.0	<5.0	<5.0	<15	140 (1260)	---	ND
	5	50	<5.0	<5.0	<5.0	<15	ND	---	ND
	10	<10	<5.0	<5.0	<5.0	<15	ND	---	ND
	15	<10	<5.0	<5.0	<5.0	<15	ND	---	ND
	20	<10	<5.0	<5.0	<5.0	<15	ND	---	ND
	25	<10	<5.0	<5.0	<5.0	<15	---	---	ND
T26-2	Surface	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	3	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	5	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	10	<10	<5.0	<5.0	<5.0	<15	---	5.8	---
	15	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	20	<10	<5.0	<5.0	<5.0	<15	---	5.2	---
	25	<10	<5.0	<5.0	<5.0	<15	---	ND	---
	30	<10	<5.0	<5.0	<5.0	<15	---	ND	---

BORING NUMBER	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC	SVOC
T27-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	10	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	15	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	20	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	25	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T27-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	2	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	4	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	10	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	15	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	20	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	25	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	30	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	35	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T28-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	0.04 (1260)	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	10	<10	<5.0	<5.0	<5.0	<15	0.19 (1260)	—	ND
	15	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	20	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	25	<10	<5.0	<5.0	<5.0	<15	0.31 (1260)	—	ND
	30	<10	<5.0	<5.0	<5.0	<15	0.22 (1260)	—	ND
	35	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	40	<10	<5.0	<5.0	<5.0	<15	0.14 (1260)	—	ND
	45	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	50	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
T28-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	6	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	10	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	16	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	20	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	25	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	30	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	35	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	40	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	45	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	50	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	55	<10	<5.0	<5.0	<5.0	<15	—	ND	—
TH22-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	ND	430
	3	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND
	5	70	<5.0	<5.0	<5.0	<15	ND	ND	740
	10	<10	—	—	—	—	—	—	—

BORING NUMBER	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC	SVOC
TF34-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
TF35-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND
	3	910	<5.0	<5.0	<5.0	<15	ND	ND	670
	5	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND
TF36-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	5	—	<5.0	<5.0	<5.0	<15	—	ND	ND
	10	—	<5.0	<5.0	<5.0	<15	—	ND	ND
TF37-1	Surface	550	<5.0	<5.0	<5.0	<15	—	ND	—
	3	220	<5.0	<5.0	<5.0	<15	—	ND	—
	5	240	<5.0	<5.0	<5.0	<15	—	ND	—
TF38-1	Surface	20	<5.0	<5.0	<5.0	<15	—	—	1,156
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND

Notes:
All concentrations are presented in milligrams per kilogram unless noted
Sample depth is presented in feet below ground surface
ND = Not Detected
--- = Not Analyzed
TPH-S = Total Petroleum Hydrocarbon Speciation
VOC = Total of Volatile Organic Compounds Detected (presented in micrograms per kilogram)
VOC concentrations do not include acetone and methylene chloride, as these are common laboratory contaminants.
SVOC = Total of Semi-Volatile Organic Compounds Detected (presented in micrograms per kilogram)
SVOC concentrations do not include phthalate compounds, as these are common laboratory contaminants.
PCB = Total of Polychlorinated Biphenyls compounds detected (type of PCB in parentheses)

TABLE 17

SUMMARY OF ANALYTICAL RESULTS: VOC COMPOUNDS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE

Permenant And Temporary Columns

Boring	Depth	Bromomethane	2-Butanone	n-Butylbenzene	cis-1,2-Dichloroethene	Chlorobenzene	Carbon disulfide	Dichlorodifluoromethane	Isopropylbenzene	Naphthalene	n-Propylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	Total Xylenes	Total VOCs
TNF7-4	3	ND	ND	ND	ND	ND	ND	ND	ND	5.9	ND	ND	ND	ND	5.9
TNF8-2	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.8	9.8
T9-1	5	ND	56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56
T9-3	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.2	ND	8.2
T17-1	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.3	18.3
T26-2	10	6.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.8
T26-2	20	ND	ND	ND	ND	ND	ND	5.2	ND	ND	ND	ND	ND	ND	5.2

Notes:

Depth is in feet below ground surface

S= Surface

ND = Not detected at or above the laboratory detection limits stated in laboratory reports.

All samples are reported in micrograms per kilogram (ug/kg).

TABLE 18

SUMMARY OF ANALYTICAL RESULTS: SVOC COMPOUNDS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE
PERMENANT AND TEMPORARY COLUMNS

Boring	Depth	Acenaphthene	Anthracene	Benz(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Chrysene	Dibenz(ah)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Pyrene	Dibenzofuran	Phenol	Total SVOC
PRG		2,800,000	22,000,000	3,600	3,600	36,000	360	360,000	360	37,000,000	22,000,000	3600	190,000	26,000,000	3,200,000	100,000,000	
T3-1	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	390	ND	ND	390
T3 3	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	450	450
T4-2	3	ND	ND	ND	900	ND	770	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,680
T4-4	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	330	330
T5-1	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	970	970
T9-2	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	890	890
T17 1	3	ND	ND	ND	ND	ND	ND	ND	ND	2,300	ND	ND	ND	ND	ND	ND	5,400
TH22-1	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	430	430
TH22-1	5	ND	ND	ND	410	ND	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	740
TH24-1	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	710	710
TH24-1	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	330	330
TH25-1	Surface	ND	330	2,100	3,700	1,500	3,500	2,100	ND	1,600	ND	1,100	ND	2,500	ND	ND	20,260
TF29-1	3	ND	ND	ND	ND	ND	ND	ND	ND	980	ND	ND	ND	940	ND	ND	2,690
TF35-1	3	ND	ND	ND	ND	670	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	670
TF38-1	3	ND	ND	120	180	89	140	170	ND	150	ND	ND	ND	210	ND	ND	1,156

Notes:

PRG=Preliminary Remedial Goal as stated for Industrial Soil (US EPA Region IX).

Depth is presented in feet below ground surface

All detected SVOC compounds with a published PRG are presented in this table. Total SVOCs includes compounds that do not have a published PRG.

ND = Not detected at or above the laboratory detection limits stated in laboratory reports.

All samples are reported as total concentration in micrograms per kilogram (ug/kg).

Results in bold type are above their respective PRG for that compound.

TABLE 19

SUMMARY OF ANALYTICAL RESULTS: METALS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE
ADDITIONAL BORINGS

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
A1	1	ND	11	90	ND	ND	63	9.7	14	36	0.19	ND	32	ND	ND	ND	48	47
	3	ND	10	87	ND	ND	55	9.5	14	58 (3.1)	0.10	ND	33	ND	ND	ND	45	47
	5	ND	11	84	ND	ND	57	8.8	13	37	0.18	ND	36	ND	ND	ND	44	49
	10	ND	9.8	70	ND	ND	31	5.1	16	200 (17) (0.37)	0.96	ND	20	ND	ND	ND	27	210
	15	ND	6.1	9.4	ND	ND	36	4.1	3.1	ND	ND	ND	20	ND	ND	ND	28	17
A2	1	ND	14	69	ND	ND	59	8.5	11	33	ND	7.2	30	ND	ND	ND	48	48
	3	ND	14	90	ND	ND	54	9.4	12	20	ND	7.4	34	ND	ND	ND	46	40
	5	ND	8.1	82	ND	ND	14	ND	21	320 (ND)	16 (ND)	ND	11	ND	ND	ND	13	300
	10	ND	7.4	240	ND	ND	26	5.3	22	240 (28) (1.2)	9.1 (ND)	ND	21	ND	ND	ND	29	130
	15	ND	ND	6.6	ND	ND	21	3.2	2.6	ND	0.20	ND	15	ND	ND	ND	17	13
A3	1	ND	18	170	ND	ND	35	11	29	120 (ND)	0.39	8.5	30	ND	ND	ND	37	100
	3	ND	33	360	ND	ND	17	21	34	34	0.12	11	55	ND	ND	ND	25	86
	5	ND	14	170	ND	ND	29	8.0	15	42	0.13	9.2	30	ND	ND	ND	27	390
	10	ND	7.3	72	ND	ND	30	3.8	17	160 (23) (0.35)	2.5	ND	19	ND	ND	ND	26	140
	15	ND	15	21	ND	ND	43	5.8	13	7.1	ND	8.9	42	ND	ND	ND	36	49
A4	1	ND	15	97	ND	ND	48	12	27	21	0.12	8.4	62	ND	ND	ND	36	65
	3	ND	22	380	ND	ND	22	15	37	180 (ND)	0.12	8.8	46	ND	ND	ND	26	73
	5	ND	11	69	ND	ND	35	6.4	17	65 (ND)	ND	5.1	32	ND	ND	ND	27	66
	10	ND	ND	14	ND	ND	28	3.5	2.9	ND	ND	ND	18	ND	ND	ND	21	15
	15	ND	11	18	ND	ND	46	5.9	14	8.3	ND	6.0	41	ND	ND	ND	42	44
A5	1	ND	15	140	ND	ND	57	13	22	26	ND	5.6	46	ND	ND	ND	45	55
	3	ND	22	240	ND	ND	35	14	30	25	ND	6.5	47	ND	ND	ND	34	75
	5	ND	16	130	ND	ND	38	14	17	17	ND	6.2	40	ND	25	ND	39	43
	10	ND	ND	10	ND	ND	29	3.7	25	ND	ND	ND	17	ND	8.3	ND	26	15
	15	ND	12	21	ND	ND	43	5.7	11	6.2	ND	6.2	36	ND	ND	ND	35	40
A6	1	ND	18	110	ND	ND	59	16	14	49	0.21	7.0	58	ND	ND	ND	54	82
	3	ND	18	130	ND	ND	58	16	16	37	ND	7.2	51	ND	ND	ND	54	96
	5	ND	14	83	ND	ND	79	13	13	13	ND	8.7	55	ND	ND	ND	65	42
	10	ND	5.8	20	ND	ND	31	3.6	48	35	2.7 (ND)	ND	19	ND	ND	ND	25	69
	15	ND	ND	19	ND	ND	33	4.0	67	43	3.4 (ND)	ND	22	ND	ND	ND	27	59
	20	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---
A7	1	ND	13	180	ND	ND	24	12	17	16	ND	5.3	25	ND	ND	ND	28	47
	3	ND	14	130	ND	ND	34	9.1	32	26	0.10	6.3	28	ND	ND	ND	35	88
	5	ND	15	14	ND	ND	53	11	13	9.9	ND	6.9	42	ND	ND	ND	46	46
	10	ND	5.0	23	ND	ND	32	4.4	3.1	ND	ND	ND	19	ND	ND	ND	27	18
	15	ND	13	110	ND	ND	66	11	12	6.3	ND	6.5	34	ND	ND	ND	51	31

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
A8	1	ND	31	200	ND	ND	25	16	36	16	ND	12	53	ND	ND	ND	33	97
	3	ND	13	110	ND	ND	51	9.6	21	94 (ND)	0.33	7.0	38	ND	ND	ND	42	83
	5	ND	19	89	ND	ND	48	19	8.1	10	ND	7.3	48	ND	ND	ND	45	37
	10	ND	7.3	9.2	ND	ND	40	3.9	3.6	ND	ND	5.2	22	ND	ND	ND	34	49
	15	ND	14	78	ND	ND	55	5.3	14	5.4	ND	7.3	33	ND	ND	ND	48	35
A9	1	ND	12	62	ND	ND	32	7.5	13	9.1	ND	6.7	38	ND	ND	ND	35	35
	3	ND	18	74	ND	ND	44	7.6	15	10	ND	8.5	41	ND	ND	ND	51	39
	5	ND	12	60	ND	ND	70	6.6	11	14	ND	6.9	51	ND	ND	ND	46	34
	10	ND	11	69	ND	ND	48	5.7	11	5.3	ND	6.4	31	ND	ND	ND	38	30
	15	ND	11	34	ND	ND	77	5.9	7.9	ND	ND	6.5	58	ND	ND	ND	40	23
A10	1	ND	11	94	ND	ND	27	6.8	44	390 (2.9) (0.12)	ND	6.1	38	ND	ND	ND	27	86
	3	ND	15	56	ND	ND	66	8.6	10	ND	ND	7.1	42	ND	ND	ND	60	31
	5	ND	17	36	ND	ND	56	6.5	12	ND	0.20	8.2	44	ND	ND	ND	59	33
	10	ND	15	240	ND	ND	39	8.3	45	690 (67) (1.0)	0.59	7.1	29	ND	ND	ND	39	260
A11	1	ND	14	39	ND	ND	47	9.5	11	ND	ND	7.3	30	ND	ND	ND	47	30
	3	ND	15	68	ND	ND	54	8.7	12	ND	ND	8.0	34	ND	ND	ND	46	32
	5	ND	15	75	ND	ND	57	8.1	13	ND	ND	8.0	44	ND	ND	ND	45	30
	10	ND	32	100	ND	ND	27	11	34	17	ND	12	44	ND	ND	ND	32	92
A12	1	ND	17	87	ND	ND	50	10	9.6	6.1	ND	8.5	36	ND	ND	ND	56	34
	3	ND	13	62	ND	ND	59	8.7	7.3	ND	ND	8.3	59	ND	ND	ND	46	28
	5	ND	5.7	61	ND	ND	52	6.4	8.4	7.6	ND	ND	28	ND	ND	ND	49	28
	10	ND	11	91	ND	ND	70	14	10	5.6	ND	ND	49	ND	ND	ND	70	34
	15	ND	9.1	65	ND	ND	75	9.8	6.8	ND	ND	ND	38	ND	9.6	ND	63	31
A13	1	ND	9.8	130	ND	ND	42	10	20	130 (6.2) (0.11)	0.14	ND	34	ND	ND	ND	40	63
	3	ND	13	120	ND	ND	67	17	12	17*	0.20	ND	50	ND	ND	ND	60	75
	5	ND	8.0	87	ND	ND	30	5.7	12	56 (3.3)	6.9 (ND) (ND)	ND	37	ND	ND	ND	24	42
	10	ND	ND	58	ND	ND	57	5.6	5.7	84 (ND)	ND	ND	31	ND	ND	ND	30	36
A14	1	ND	9.7	130	ND	ND	43	10	14	87 (2.6)	ND	ND	33	ND	ND	ND	39	70
	3	ND	8.8	100	ND	ND	45	6.8	14	140 (2.5) (ND)	ND	ND	27	ND	ND	ND	39	62
	5	ND	ND	71	ND	ND	11	3.8	5.8	8.3	ND	ND	12	ND	ND	ND	20	22
A15	1	ND	12	88	ND	ND	85	20	5.8	6.5	ND	ND	34	ND	ND	ND	78	20
	3	ND	11	110	ND	ND	53	11	14	64 (ND)	0.23	ND	44	ND	ND	ND	45	74
	5	ND	15	170	ND	ND	44	9.5	80	460 (25) (0.12)	0.42	ND	30	ND	ND	ND	38	410
A17	1	ND	7.5	92	ND	ND	20	11	14	11	ND	ND	20	ND	ND	ND	22	38
	3	ND	15	160	ND	ND	47	15	49	280 (26) (0.31)	0.10	5.8	38	ND	ND	ND	42	130
	5	ND	11	74	ND	ND	45	8.0	7.4	ND	ND	ND	43	ND	ND	ND	38	27
	10	ND	8.9	45	ND	ND	90	5.8	6.1	5.2	ND	5.2	33	ND	ND	ND	42	20
	15	ND	25	160	ND	ND	90	31	9.8	ND	ND	7.6	64	ND	ND	ND	96	34
A18	1	ND	15	75	ND	ND	51	13	18	8.6	ND	ND	43	ND	ND	ND	52	38
	3	ND	12	75	ND	ND	58	12	16	5.9	ND	ND	49	ND	ND	ND	53	39
	6	ND	13	63	ND	ND	47	9.6	15	8.0	ND	ND	37	ND	ND	ND	43	36
	10	ND	10	75	ND	ND	50	11	10	40	ND	ND	34	ND	ND	ND	37	36
	15	ND	7.8	60	ND	ND	65	6.8	16	6.3	ND	ND	37	ND	ND	ND	43	36

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
A19	1	ND	15	68	ND	ND	40	9.1	210	68 (3.5)	6.9 (ND) (ND)	ND	34	ND	ND	ND	41	88
	3	ND	23	120	ND	ND	45	7.7	87	330 (20) (0.49)	7.8 (ND) (ND)	6.4	31	ND	ND	ND	44	170
	5	ND	23	320	ND	ND	40	8.2	92	150 (5.5) (ND)	8.0 (ND) (ND)	7.1	32	ND	ND	ND	40	160
	10	ND	ND	12	ND	ND	29	4.4	3.1	ND	ND	ND	22	ND	ND	ND	24	17
	15	ND	5.5	14	ND	ND	39	5.2	3.3	ND	ND	ND	26	ND	ND	ND	34	20
TTLC		500	500	10,000	75	100	500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
STLC		15	5	100	0.75	1	5	80	25	5	0.2	350	20	1	5	7	24	250

Notes

<0.01 = not detected at or above the laboratory detection limits

Metals are designated by the r symbol on the periodic table of elements

All samples are reported as total concentration in milligrams per kilogram (mg/kg), unless indicated

(3.5) Soluable concentration after a WET, presented in milligrams per liter (mg/l)

(3.3) Soluable concentration after a TCLP, presented in mg/l

NS = Not sufficient sample to analyze

TTLC = total threshold limit concentration

STLC = soluable threshold limit concentration

ND = Not detected

Depth is presented in feet below ground surface

* = Soil sample resampled and reanalyzed

TABLE 20

SUMMARY OF ANALYTICAL RESULTS: ORGANICS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE

ADDITIONAL BORINGS

BORING NUMBER	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	TOTAL XYLENES	PCB	VOC	SVOC
A1	1	ND	ND	ND	ND	ND	—	—	ND
	3	10	ND	ND	ND	ND	—	—	ND
	5	ND	ND	ND	ND	ND	—	—	ND
	10	ND	ND	ND	ND	ND	—	—	ND
	15	12	ND	ND	ND	ND	—	—	ND
A2	1	ND	ND	ND	ND	ND	ND	ND	—
	3	ND	ND	ND	ND	ND	ND	ND	—
	5	12	ND	ND	ND	ND	ND	ND	—
	10	37	ND	ND	ND	ND	ND	ND	—
	15	ND	ND	ND	ND	ND	ND	ND	—
A3	1	ND	ND	ND	ND	ND	—	—	ND
	3	ND	ND	ND	ND	ND	—	—	ND
	5	ND	ND	ND	ND	ND	—	—	ND
	10	160.54	ND	ND	ND	ND	—	—	13.693
	15	ND	ND	ND	ND	ND	—	—	ND
A4	1	104	ND	ND	ND	ND	—	—	ND
	3	75	ND	ND	ND	ND	—	—	ND
	5	ND	ND	ND	ND	ND	—	—	ND
	10	ND	ND	ND	ND	ND	—	—	ND
	15	ND	ND	ND	ND	ND	—	—	ND
A5	1	ND	ND	ND	ND	ND	ND	ND	—
	3	ND	ND	ND	ND	ND	ND	ND	—
	5	ND	ND	ND	ND	ND	ND	ND	—
	10	ND	ND	ND	ND	ND	ND	ND	—
	15	ND	ND	ND	ND	ND	ND	ND	—
A6	1	58	ND	ND	ND	ND	—	—	ND
	3	12	ND	ND	ND	ND	—	—	ND
	5	ND	ND	ND	ND	ND	—	—	ND
	10	ND	ND	ND	ND	ND	—	—	0.203
	15	ND	ND	ND	ND	ND	—	—	0.116
A7	1	29	ND	ND	ND	ND	ND	ND	—
	3	ND	ND	ND	ND	ND	ND	ND	—
	5	ND	ND	ND	ND	ND	ND	ND	—
	10	ND	ND	ND	ND	ND	ND	ND	—
	15	ND	ND	ND	ND	ND	ND	ND	—
A8	1	11	ND	ND	ND	ND	—	—	ND
	3	39	ND	ND	ND	ND	—	—	7.85
	5	18	ND	ND	ND	ND	—	—	0.87
	10	ND	ND	ND	ND	ND	—	—	ND
	15	ND	ND	ND	ND	ND	—	—	ND
A9	1	ND	ND	ND	ND	ND	ND	ND	—
	3	11	ND	ND	ND	ND	ND	ND	—
	5	ND	ND	ND	ND	ND	ND	ND	—
	10	ND	ND	ND	ND	ND	ND	ND	—
	15	ND	ND	ND	ND	ND	ND	ND	—

BORING NUMBER	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	TOTAL XYLENES	PCB	VOC	SVOC
A10	1	ND	ND	ND	ND	ND	—	—	ND
	3	ND	ND	ND	ND	ND	—	—	ND
	5	11	ND	ND	ND	ND	—	—	0.42
	10	ND	ND	ND	ND	ND	—	—	ND
A11	1	11	ND	ND	ND	ND	ND	ND	—
	3	ND	ND	ND	ND	ND	ND	ND	—
	5	ND	ND	ND	ND	ND	ND	ND	—
	10	16	ND	ND	ND	ND	ND	ND	—
A12	1	17	ND	ND	ND	ND	—	—	ND
	3	17.51	ND	ND	ND	ND	—	—	ND
	5	ND	ND	ND	ND	ND	—	—	ND
	10	12	ND	ND	ND	ND	—	—	ND
	15	12	ND	ND	ND	ND	—	—	ND
A13	1	27	ND	ND	ND	ND	ND	ND	—
	3	10	ND	ND	ND	ND	ND	ND	—
	5	ND	ND	0.001	ND	ND	ND	0.002	—
	10	ND	ND	ND	ND	ND	ND	ND	—
A14	1	ND	ND	ND	ND	ND	—	—	0.089
	3	ND	ND	ND	ND	ND	—	—	ND
	5	ND	ND	ND	ND	ND	—	—	ND
A15	1	ND	ND	ND	ND	ND	ND	ND	—
	3	11	ND	ND	ND	ND	ND	ND	—
	5	ND	ND	ND	ND	ND	ND	ND	—
A17	1	ND	ND	ND	ND	ND	ND	ND	—
	3	ND	ND	ND	ND	ND	ND	ND	—
	5	ND	ND	ND	ND	ND	ND	ND	—
	10	ND	ND	ND	ND	ND	ND	ND	—
	15	ND	ND	ND	ND	ND	ND	ND	—
A18	1	11	ND	ND	ND	ND	—	—	ND
	3	15	ND	ND	ND	ND	—	—	ND
	6	ND	ND	ND	ND	ND	—	—	ND
	10	ND	ND	ND	ND	ND	—	—	ND
	15	14	ND	ND	ND	ND	—	—	0.041
A19	1	12	ND	ND	ND	ND	—	—	0.262
	3	18	ND	ND	ND	ND	—	—	2.117
	5	ND	ND	ND	ND	ND	—	—	1.016
	10	ND	ND	ND	ND	ND	—	—	ND
	15	ND	ND	ND	ND	ND	—	—	ND

Notes:

All concentrations are presented in milligrams per kilogram unless noted

Sample depth is presented in feet below ground surface

ND = Not Detected

— = Not Analyzed

TPH-S = Total Petroleum Hydrocarbon Speciation

VOC = Total of Volatile Organic Compounds Detected (presented in micrograms per kilogram)

VOC concentrations do not include acetone and methylene chloride, as these are common laboratory contaminants

SVOC = Total of Semi-Volatile Organic Compounds Detected (presented in micrograms per kilogram)

SVOC concentrations do not include phthalate compounds, as these are common laboratory contaminants or phenol which can be naturally occuring

PCB = Total of Polychlorinated Biphenyls compounds detected (type of PCB in parentheses)

TABLE 21

SUMMARY OF ANALYTICAL RESULTS: VOC COMPOUNDS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE

Additional Borings

Boring	Depth	n-Butylbenzene	cis-1,2-Dichloroethene	Chlorobenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Tetrachloroethene (PCE)	1,2,3-Trichlorobenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total VOCs
A13	5	ND	ND	ND	ND	ND	ND	ND	1	ND	1	ND	ND	2

Notes:

Depth is in feet below ground surface

ND = Not detected at or above the laboratory detection limits stated in laboratory reports.

All samples are reported in micrograms per kilogram (ug/kg)

TABLE 22

SUMMARY OF ANALYTICAL RESULTS: SVOC COMPOUNDS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE

ADDITIONAL BORINGS

Boring	Depth	Acenaphthene	Anthracene	Benz(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Chrysene	Dibenz(ah)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methylnaphthalene	Naphthalene	Pyrene	Dibenzofuran	Total SVOCs
PRG		2,800,000	22,000,000	3,600	3,600	36,000	360	360,000	360	37,000,000	22,000,000	3600	180,000	28,000,000	3,200,000		
A3	10	730	ND	1,200	1,300	1,300	**830**	1,000	ND	2,000	ND	ND	ND	2,600	ND		13,693
A6	10	ND	ND	ND	ND	ND	ND	40	ND	73	ND	ND	ND	**90**	ND		203
A6	15	ND	ND	ND	47	ND	ND	ND	ND	ND	ND	ND	ND	79	ND		126
A8	3	ND	ND	800	1,600	1600	**960**	790	ND	ND	1,000	ND	ND	1,100	ND		7,850
A8	5	ND	ND	97	190	190	110	89	ND	84	ND	ND	ND	110	ND		870
A10	10	ND	ND	ND	ND	420	ND	ND	ND	ND	ND	ND	ND	ND	ND		420
A14	1	ND	ND	ND	69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		69
A18	15	ND	ND	ND	41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		41
A19	1	ND	ND	ND	93	ND	ND	46	ND	53	ND	ND	ND	68	ND		262
A19	3	ND	37	180	320	330	200	170	ND	180	ND	140	ND	300	ND		2,117
A19	5	ND	ND	96	220	220	120	110	ND	110	ND	ND	ND	140	ND		1,016

Notes:

Depth is presented in feet below ground surface

PRG=Preliminary Remedial Goal as stated for Industrial Soil (US EPA Region IX).

All detected SVOC compounds with a published PRG are presented in this table. Total SVOCs includes compounds that do not have a published PRG.

ND = Not detected at or above the laboratory detection limits stated in laboratory reports.

All samples are reported as total concentration in micrograms per kilogram (ug/kg).

Results in bold type are above their respective PRG for that compound.

TABLE 23

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS: METALS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE

SAMPLE	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
W11-4	<0.1	0.24	<0.2	<0.01	<0.01	<0.01	<0.02	<0.05	<0.02	<0.004	<0.05	<0.01	<0.05	<0.01	<0.1	<0.01	<0.2
W1NF3-1	<0.1	0.24	<0.2	<0.01	<0.01	<0.01	<0.02	<0.05	<0.02	<0.0002	<0.05	<0.01	<0.05	<0.01	<0.1	<0.01	<0.2
W1NF6-2	<0.1	0.2	<0.2	<0.01	<0.01	<0.01	<0.02	<0.05	<0.02	0.0074	<0.05	<0.01	<0.05	<0.01	<0.1	<0.01	<0.2
W1NF8-2	<0.1	0.2	<0.2	<0.01	<0.01	<0.01	<0.02	<0.05	<0.02	<0.0002	<0.05	<0.01	<0.05	<0.01	<0.1	<0.01	<0.2
W1NG7-4	<0.1	0.2	<0.2	<0.01	<0.01	<0.01	<0.02	<0.05	<0.02	<0.0002	<0.05	<0.01	<0.05	<0.01	<0.1	<0.01	<0.2
W110-1	<0.1	<0.1	<0.2	<0.01	<0.01	<0.01	<0.02	<0.05	<0.02	<0.2	<0.05	<0.01	<0.05	<0.01	<0.1	<0.01	<0.2
W13-2	<0.1	<0.1	<0.2	<0.01	<0.01	<0.01	<0.02	<0.05	<0.02	<0.004	<0.05	<0.01	<0.05	<0.01	<0.1	<0.01	<0.2
W15-4	<0.1	0.22	<0.2	<0.01	<0.01	<0.01	<0.02	<0.05	<0.02	<0.2	<0.05	<0.01	<0.05	<0.01	<0.1	<0.01	<0.2

Notes:
<0.01 - not detected at or above the laboratory detection limits
Metals are designated by their symbol on the periodic table of elements.
All samples are reported as total concentration in milligrams per liter (mg/l), unless indicated.
W11-4 - Water Sample, Sample Location - Boring Number

TABLE 24

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS: ORGANICS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE

BORING	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	MTBE	PCB	SVOC
WT1-4	<500	ND	ND	ND	ND	ND	ND	ND
WTNF3-1	<500	ND	ND	ND	ND	ND	ND	ND
WTNF6-2	<500	110	ND	ND	ND	95	ND	ND
WTNF8-2	<500	ND	ND	ND	ND	6.1	ND	ND
WTNF7-4	<500	24	ND	ND	ND	7.5	ND	ND
WT10-1	<500	ND	ND	ND	ND	ND	ND	ND
WT3-2	<500	ND	ND	ND	ND	ND	ND	ND
WT5-4	<500	ND	ND	ND	ND	ND	—	ND

Notes:
TPH-S = Total Petroleum Hydocarbon Speciation
VOC = Volatile Organic Compounds
SVOC = Semi-Volatile Organic Compounds
PCB = Polychlorinated Biphenyls
— = Not Analyzed
ND = Not Detected
All other VOC compounds were not detected
All samples are reported as total concentration in micrograms per liter (ug/l), unless indicated.
MTBE = Methyl Tertiary Butyl Ether.
WT1-4 = Water Sample, Sample Location - Boring Number

TABLE 25
SUMMARY OF ANALYTICAL RESULTS: METALS
SEISMIC RETROFIT OF THE TRANSBAY TERMINAL
DEMOLITION

SAMPLE NUMBER	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
DTB33-1	1	<5.0	5.3	46	<0.5	<0.5	21	6.0	14	95 (4.5)	0.24	<2.5	18	<2.5	<0.5	8.0	24	68
DTB33-1	3	<5.0	5.0	120	<0.5	0.8	21	3.8	19	460 (23) (0.14)	0.07	<2.5	17	<2.5	<0.5	<5.0	15	380
DTB33-2	1	<5.0	8.6	38	<0.5	0.6	18	7.1	67	90 (5.0) (0.04)	3.2 (<0.002)	<2.5	20	<2.5	<0.5	13	19	27
DTB33-2	3	<5.0	<5.0	7.4	<0.5	<0.5	13	2.5	2.4	1.7	0.13	<2.5	10	<2.5	<0.5	<5.0	14	9.6
DTB34-1	5	<5.0	9.0	75	<0.5	0.7	19	5.9	48	200 (16) (0.11)	0.92	<2.5	27	<2.5	<0.5	5.3	19	240
DTB34-1	3	<5.0	6.6	40	<0.5	<0.5	26	4.7	18	29	<0.05	<2.5	19	<2.5	<0.5	<5.0	19	34
DTB34-2	1	<5.0	<5.0	17	<0.5	<0.5	25	4.1	11	26	0.40	<2.5	17	<2.5	<0.5	<5.0	18	40
DTB34-2	3	<5.0	5	34	<0.5	<0.5	24	4.5	24	17	0.43	<2.5	16	<2.5	<0.5	<5.0	17	28
DTB35-1	5	12	29	190	<0.5	1.6	26	12	270 (6.8)	530 (99) (0.54)	55 (0.044)	<2.5	32	<2.5	<0.5	11	25	580
DTB35-2	5	<5.0	16	180	<0.5	1.8	23	15	170	160 (9.3) (0.18)	0.25	<2.5	49	<2.5	<0.5	9.3	23	240
DTB35-2	3	<5.0	17	120	0.5	<0.5	23	11	40	36	<0.05	<2.5	36	<2.5	<0.5	10	23	86
DTB36-1	1	<5.0	9.0	110	<0.5	1.1	31	6.9	180	520 (44) (0.45)	1.0	<2.5	29	<2.5	<0.5	<5.0	22	370
DTB36-1	3	<5.0	22	130	<0.5	1.0	26	10	100	210 (15) (0.17)	4.7 (<0.002)	<2.5	32	<2.5	<0.5	9.0	25	300
DTB36-2	5	<5.0	16	180	<0.5	0.9	29	15	140	290 (19) (0.50)	4.4 (<0.002)	<2.5	42	<2.5	<0.5	9.2	27	260
DTB36-2	3	<5.0	18	250	0.5	0.8	31	8.6	64	120 (36) (0.04)	2.4 (<0.002)	<2.5	35	<2.5	<0.5	9.4	32	170
DTB37-1	1	<5.0	11	69	<0.5	1.1	24	6.9	71	320 (31) (0.80)	0.61	<2.5	24	<2.5	<0.5	5.2	26	240
DTB37-1	3	13	26	100	<0.5	1.5	40	11	180	580 (31) (0.58)	17 (0.020)	<2.5	46	<2.5	<0.5	21	35	180
DTB37-2	1	<5.0	12	95	<0.5	0.9	26	7.3	94	280 (83) (0.43)	1.0	<2.5	27	<2.5	<0.5	5.8	23	260
DTB37-2	3	<5.0	12	160	<0.5	0.6	27	15	48	140 (2.7)	<0.05	<2.5	46	<2.5	<0.5	10	25	160
DTB38-1	1	<5.0	16	69	<0.5	1.2	27	6.1	910 (9.1)	1,500 (110) (6.7)	0.63	<2.5	28	<2.5	<0.5	5.1	25	430
DTB38-1	3	<5.0	20	120	<0.5	0.8	28	9.6	130	240 (18) (0.13)	1.3	<2.5	34	<2.5	<0.5	6.6	24	210
DTB39-1	1	<5.0	13	210	0.6	0.5	17	15	33	21	0.07	<2.5	48	<2.5	<0.5	6.3	24	77
DTB39-1	3	<5.0	11	230	0.7	0.8	12	23	28	14	<0.05	<2.5	53	<2.5	<0.5	8.4	23	78
DTB39-2	1	<5.0	14	240	0.6	<0.5	19	13	27	34	0.05	<2.5	39	<2.5	<0.5	5.4	21	76
DTB39-2	3	<5.0	17	170	0.6	0.6	22	13	31	51 (1.2)	0.39	<2.5	44	<2.5	<0.5	7.0	23	88
DTB40-1	1	<5.0	14	250	0.8	0.6	17	23	30	23	0.10	<2.5	51	<2.5	<0.5	8.4	22	94
DTB40-1	3	<5.0	17	240	0.7	0.8	17	19	40	18	0.18	<2.5	57	<2.5	<0.5	10	26	100
DTB40-2	1	<5.0	18	260	0.7	<0.5	18	18	40	20	0.77	<2.5	50	<2.5	<0.5	11	25	96
DTB40-2	3	<5.0	16	30	0.6	<0.5	15	20	32	18	<0.05	<2.5	51	<2.5	<0.5	10	23	74
DTB41-1	1	<5.0	14	290	0.7	0.6	16	36	32	27	0.07	<2.5	55	<2.5	<0.5	9.3	26	99
DTB41-1	3	<5.0	12	160	<0.5	<0.5	14	8.6	19	13	0.07	<2.5	29	<2.5	<0.5	<5.0	16	55
DTB41-2	1	<5.0	14	370	0.7	1.1	12	22	39	17	0.07	<2.5	91	<2.5	<0.5	12	24	100
DTB41-2	3	<5.0	14	270	0.6	0.5	17	15	34	18	0.08	<2.5	48	<2.5	<0.5	7.0	24	92
DTB42-1	1	<5.0	16	180	<0.5	0.7	27	13	55	150 (0.5)	0.16	<2.5	37	<2.5	<0.5	6.3	25	140
DTB42-1	3	<5.0	12	260	0.6	0.6	19	21	37	47	0.06	<2.5	75	<2.5	<0.5	7.6	25	94

SAMPLE NUMBER	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
DTB42-2	1	<5.0	12	160	<0.5	1.3	29	12	84	83 (4.4)	0.11	<2.5	31	<2.5	<0.5	5.1	30	110
DTB42-2	3	<5.0	18	230	0.6	1.2	23	25	86	220 (5.4) (0.27)	0.28	<2.5	70	<2.5	<0.5	12	26	160
DTB43-1	1	<5.0	9.2	79	<0.5	0.7	20	4.6	81	66 (9.3) (0.27)	0.13	<2.5	19	<2.5	<0.5	5.1	21	170
DTB43-1	3	<5.0	20	210	<0.5	3.9	35	7.1	610 (77)	670 (11) (2.2)	8.3 (<0.002)	<2.5	30	<2.5	<0.5	<5.0	27	1,600
DTB43-2	1	<5.0	18	140	<0.5	1.8	31	9.8	420 (19)	600 (32) (0.26)	3.2 (0.009)	<2.5	34	<2.5	<0.5	7.6	31	590
DTB43-2	3	<5.0	19	220	<0.5	2.3	28	7.9	250 (31)	790 (73) (<0.02)	2.0 (0.002)	<2.5	32	<2.5	<0.5	<5.0	29	610
DTB44-1	1	<5.0	12	180	<0.5	0.6	22	9.0	140	130 (7.1) (0.07)	0.50	<2.5	29	<2.5	<0.5	5.6	22	150
DTB44-1	3	<5.0	12	70	<0.5	<0.5	38	7.9	20	130 (3.0)	0.43	<2.5	33	<2.5	<0.5	<5.0	32	42
DTB44-2	1	<5.0	18	210	0.5	0.6	36	15	66	57 (24) (0.05)	0.33	<2.5	56	<2.5	<0.5	8.9	25	110
DTB44-2	3	<5.0	8.2	61	<0.5	1.1	14	5.0	68	1,900 (240) (95)	1.6	<2.5	26	<2.5	<0.5	<5.0	21	210
DTB45-1	1	<5.0	12	86	0.7	<0.5	18	11	64	19	0.81	<2.5	20	<2.5	<0.5	<5.0	30	35
DTB45-1	3	<5.0	22	370	0.7	0.7	16	9.0	710 (25)	150 (22) (0.02)	1.9	<2.5	50	<2.5	<0.5	7.1	45	250
DTB45-2	1	<5.0	9.0	90	<0.5	0.7	24	5.2	73	380 (17) (0.07)	0.41	<2.5	24	<2.5	<0.5	<5.0	21	150
DTB45-2	3	<5.0	9.1	91	<0.5	<0.5	21	5.1	69	130 (19) (<0.02)	0.57	<2.5	22	<2.5	<0.5	<5.0	19	140
DTB46-1	1	<5.0	11	82	<0.5	0.9	21	5.7	130	330 (32) (<0.02)	0.44	<2.5	28	<2.5	<0.5	<5.0	21	270
DTB46-1	3	<5.0	8.0	49	<0.5	<0.5	19	3.8	130	92 (12) (0.13)	3.2 (0.002)	<2.5	14	<2.5	<0.5	<5.0	18	110
DTB46-2	1	<5.0	8.9	92	<0.5	0.6	20	6.3	110	240 (19) (0.56)	0.45	<2.5	32	<2.5	<0.5	<5.0	16	140
DTB46-2	3	<5.0	7.9	279	3.0	<0.5	17	5.4	51	190 (18) (0.24)	0.39	<2.5	19	<2.5	<0.5	<5.0	25	100
DTB47-1	1	<5.0	18	100	<0.5	1.0	25	7.5	120	200 (25) (0.17)	0.19	<2.5	29	<2.5	<0.5	<5.0	25	220
DTB47-1	3	6.2	21	350	<0.5	2.4	19	5.6	1,600 (10)	1,200 (34) (0.25)	1.4	<2.5	24	<2.5	0.8	7.4	18	1,600
DTB47-2	1	<5.0	6.3	43	<0.5	<0.5	25	5.3	31	340 (11) (0.28)	0.11	<2.5	21	<2.5	<0.5	<5.0	22	69
DTB47-2	3	<5.0	<5.0	21	<0.5	<0.5	22	4.2	5.5	4.4	<0.05	<2.5	17	<2.5	<0.5	<5.0	18	15
DTB48-1	1	<5.0	13	40	<0.5	<0.5	3.3	5.1	44	<1.5	6.6 (<0.002)	<2.5	4.3	<2.5	<0.5	<5.0	32	23
DTB48-1-3	3	8.6	23	200	<0.5	4.2	21	8.6	9,400 (490)	1,400 (74) (5.3)	2.4 (0.014)	<2.5	62	<2.5	<0.5	18	30	2100
DTB48-2	1	<5.0	6.9	65	<0.5	1.0	22	5.8	24	490 (10) (0.27)	0.87	<2.5	20	<2.5	<0.5	<5.0	18	130
DTB48-2	3	<5.0	6.7	68	<0.5	<0.5	28	4.8	22	130 (10) (0.15)	0.91	<2.5	19	<2.5	<0.5	<5.0	19	89
DTB49	1	<5.0	12	69	<0.5	0.7	22	7.0	91	320 (13) (0.07)	2.3 (0.009)	<2.5	21	<2.5	<0.5	10	23	330
DTB49-1	3	<5.0	9.4	70	<0.5	0.7	13	3.7	360 (34)	2,000 (29)*	0.25	<2.5	14	<2.5	<0.5	<5.0	13	440
DTB49-2	1	<5.0	7.8	79	<0.5	1.0	27	5.2	30	190 (<0.02)	<0.05	<2.5	20	<2.5	<0.5	<5.0	22	140
DTB49-2	3	<5.0	12	60	<0.5	0.9	36	10	12	7.4	0.06	<2.5	26	<2.5	<0.5	<5.0	34	32
DTB50-1	1	<5.0	17	96	<0.5	0.7	27	7.1	99	160 (8.2) (0.30)	<0.05	<2.5	23	<2.5	<0.5	6.7	27	180
DTB50-1	3	<5.0	10	60	<0.5	<0.5	13	3.6	100	310 (163) (0.8)*	0.87	<2.5	15	<2.5	<0.5	<5.0	17	160
DTB50-2	1	<5.0	14	81	<0.5	0.8	21	6.0	120	300 (19) (0.78)	0.94	<2.5	21	<2.5	<0.5	5.2	21	290
DTB50-2	3	<5.0	16	30	<0.5	0.6	31	6.8	34	640 (71) (1.3)*	0.86	<2.5	31	<2.5	<0.5	<5.0	25	120
DTB51-1	1	<5.0	13	83	<0.5	<0.5	37	9.3	37	54 (10) (0.04)	0.86	<2.5	25	<2.5	<0.5	<5.0	34	100
DTB51-1	3	<5.0	9.0	71	<0.5	<0.5	32	9.0	10	3.6	0.70	<2.5	20	<2.5	<0.5	<5.0	31	23
DTB51-2	1	<5.0	<5.0	170	<0.5	<0.5	37	14	270	210 (10) (0.27)	0.08	<2.5	29	<2.5	<0.5	<5.0	48	180
DTB51-2	3	<5.0	55	180	<0.5	<0.5	35	24	8,900 (850)	490 (16) (0.06)	1.9 (0.004)	<2.5	53	<2.5	<0.5	<5.0	79	710

SAMPLE NUMBER	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
DTB52-1	1	7.4	41	160	<0.5	4.0	22	7.2	3,400 (180)	2,000 (17) (7.7)	0.54	<2.5	33	<2.5	<0.5	12	27	3,600 (250)
DTB52-1	3	<5.0	7.4	42	<0.5	<0.5	31	5.7	38	120 (ND)*	1.6	<2.5	23	<2.5	<0.5	<5.0	24	87
DTB52-2	1	<5.0	7.2	68	<0.5	<0.5	19	4.5	72	180 (130) (0.44)	0.59	<2.5	16	<2.5	<0.5	<5.0	16	150
DTB52-2	3	<5.0	12	120	<0.5	0.8	25	6.5	600 (60)	640 (9.6) (0.15)	0.54	<2.5	23	<2.5	<0.5	<5.0	21	860
DTB53-1	1	<5.0	12	210	<0.5	7.8	32	7.6	220	4,400 (150) (46)	0.39	<2.5	30	<2.5	<0.5	<5.0	24	2,800 (200)
DTB53-1	3	<5.0	11	170	<0.5	0.9	31	10	25	400 (38) (5.2)*	<0.05	<2.5	33	<2.5	<0.5	<5.0	26	79
DTB53-2	1	<5.0	17	260	0.6	0.9	29	16	41	14	0.10	<2.5	77	<2.5	<0.5	6.8	25	86
DTB53-2	3	<5.0	5.9	30	<0.5	0.6	27	4.1	18	3,000 (4.9)*	0.21	<2.5	19	<2.5	<0.5	<5.0	18	55
DTB54-2	1	<5.0	17	75	<0.5	<0.5	22	10	31	15	0.07	<2.5	35	<2.5	<0.5	5.5	22	73
DTB54-2	3	<5.0	9.6	78	<0.5	0.9	33	9.0	80	94 (15) (1.0)	0.13	<2.5	24	<2.5	<0.5	<5.0	28	340
DTB55-1	1	<5.0	9.7	940	<0.5	0.6	9.3	25	46	9.9	<0.05	<2.5	50	<2.5	<0.5	11	23	72
DTB55-1	3	<5.0	13	160	<0.5	0.6	16	14	37	17	<0.05	<2.5	53	<2.5	<0.5	6.9	24	73
DTB55-2	1	<5.0	20	160	0.5	0.5	25	16	36	23	0.08	<2.5	45	<2.5	<0.5	6.9	23	85
DTB55-2	3	<5.0	7.0	110	<0.5	4.3	25	4.9	160	36*	0.19	<2.5	21	<2.5	<0.5	<5.0	18	660
DTB56-1	1	<5.0	21	100	0.6	0.6	25	12	33	62 (4.4)	0.13	<2.5	42	<2.5	<0.5	7.1	24	94
DTB56-1	3	<5.0	10	75	<0.5	<0.5	48	9.2	9.8	4.8	0.71	<2.5	34	<2.5	<0.5	<5.0	39	24
DTB56-2	1	<5.0	22	150	0.6	0.6	21	16	29	16	0.42	<2.5	44	<2.5	<0.5	<5.0	27	63
DTB56-2	3	<5.0	16	85	<0.5	<0.5	41	9.6	13	37	1.5	<2.5	43	<2.5	<0.5	<5.0	32	51
DTB57-1	1	<5.0	19	150	<0.5	<0.5	25	12	31	79 (0.9)	0.09	<2.5	36	<2.5	<0.5	6.0	24	73
DTB57-1	3	<50	<50	<100	<5.0	<5.0	5.9	<10	<25	31	3.7 (0.002)	<25	<10	<25	<5.0	<5.0	9.8	<100
DTB57-2	1	<5.0	24	240	0.5	0.6	24	13	39	16	0.13	<2.5	44	<2.5	<0.5	<5.0	24	84
DTB57-2	3	<5.0	15	120	<0.5	0.7	24	8.6	200	180 (4.8)	3.1 (0.006)	<2.5	31	<2.5	<0.5	6.7	28	150
DTB58-1	1	<5.0	17	180	0.6	<0.5	21	16	31	210 (1.3)	0.20	<2.5	43	<2.5	<0.5	<5.0	20	67
DTB58-1	3	<5.0	9.1	53	<0.5	0.5	29	5.5	55	130 (12) (0.12)	1.0	<2.5	20	<2.5	<0.5	<5.0	24	100
DTB58-2	1	<5.0	18	190	0.7	<0.5	25	22	34	23	0.32	<2.5	57	<2.5	<0.5	<5.0	26	75
DTB58-2	3	<5.0	12	140	<0.5	<0.5	24	9.9	36	150 (8.4) (0.06)	0.39	<2.5	28	<2.5	<0.5	<5.0	24	110
DTB59-1	1	<5.0	27	120	0.6	1.4	18	15	27	27	5.4 (0.022)	<2.5	43	<2.5	<0.5	<5.0	29	78
DTB59-1	3	<5.0	5.1	24	<0.5	0.7	16	4.8	6.2	18	3.9	<2.5	17	<2.5	<0.5	<5.0	13	34
DTB59-2	1	<5.0	14	170	<0.5	0.9	22	7.2	160	450 (5.7) (<0.02)	1.4	<2.5	22	<2.5	<0.5	<5.0	23	280
DTB59-2	3	<5.0	12	280	<0.5	0.7	16	3.4	37	140 (5.6) (<0.02)	3.1 (<0.002)	<2.5	13	<2.5	<0.5	<5.0	16	250
TTLC		500	500	10,000	75	100	500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
STLC		15	5	100	0.75	1	5	80	25	5	0.2	350	20	1	5	7	24	250

Notes:

<0.01 = not detected at or above the laboratory detection limits

Metals are designated by their symbol on the periodic table of elements.

All samples are reported as total concentration in milligrams per kilogram (mg/kg), unless indicated.

(3.3) = Soluable concentration after a WET, presented in milligrams per liter (mg/l)

(3.3) – Soluble concentration after a TCLP, presented in mg/l.

TTLC = total threshold limit concentration

STLC = soluable threshold limit concentration.

S = Surface.

Depth in feet below ground surface

* = Soil sample resampled and reanalyzed

TABLE 26

SUMMARY OF ANALYTICAL RESULTS: ORGANICS

SEISMIC RETROFIT OF THE TRANSBAY TERMINAL

DEMOLITION COLUMNS

BORING	TPH-S	BENZENE	TOLUENE	E-BENZENE	TOTAL XYLENES	PCB	VOC	SVOC
DTB33-1-1	110	ND	ND	ND	ND	—	ND	—
DTB33-1-3	90	ND	ND	ND	ND	—	ND	—
DTB33-2-1	30	ND	ND	ND	ND	—	—	ND
DTB33-2-3	<10	ND	ND	ND	ND	—	—	ND
DTB34-1-S	<10	ND	ND	ND	ND	ND	ND	—
DTB34-1-3	<10	ND	ND	ND	ND	ND	ND	—
DTB34-2-1	<10	ND	ND	ND	ND	—	—	ND
DTB34-2-3	<10	ND	ND	ND	ND	—	—	ND
DTB35-1-S	170	ND	ND	ND	ND	—	ND	—
DTB35-2-1	170	ND	ND	ND	ND	—	—	ND
DTB35-2-3	<10	ND	ND	ND	ND	—	—	ND
DTB36-1-S	210	ND	ND	ND	ND	1.01	—	ND
DTB36-1-3	40	ND	ND	ND	ND	ND	—	ND
DTB36-2-S	200	ND	ND	ND	ND	—	ND	—
DTB36-2-3	210	ND	ND	ND	ND	—	ND	—
DTB37-1-S	400	ND	ND	ND	ND	—	—	ND
DTB37-1-3	30	ND	ND	ND	ND	—	—	ND
DTB37-2-S	80	ND	ND	ND	ND	—	ND	—
DTB37-2-3	<10	ND	ND	ND	ND	—	ND	—
DTB38-1-S	120	ND	ND	ND	ND	ND	—	ND
DTB38-1-3	<10	ND	ND	ND	ND	ND	—	ND
DTB39-1-1	<10	ND	ND	ND	ND	ND	248	—
DTB39-1-3	<10	ND	ND	ND	ND	ND	14	—
DTB39-2-1	<10	ND	ND	ND	ND	—	—	ND
DTB39-2-3	<10	ND	ND	ND	ND	—	—	ND
DTB40-1-1	<10	ND	ND	ND	ND	ND	ND	—
DTB40-1-3	<10	ND	ND	ND	ND		13	—
DTB40-2-1	<10	ND	ND	ND	ND	ND	ND	—
DTB40-2-3	<10	ND	ND	ND	ND	ND	ND	—
DTB41-1-1	<10	ND	ND	ND	ND	ND	—	ND
DTB41-1-3	<10	ND	ND	ND	ND	ND	—	ND
DTB41-2-1	80	ND	ND	ND	ND	—	ND	—
DTB41-2-2	—	ND	ND	ND	ND	—	1,594	—
DTB41-2-3	50	—	—	—	—	—	—	—
DTB42-1-1	640	ND	ND	ND	ND	—	—	ND
DTB42-1-3	<10	ND	ND	ND	ND	—	—	ND
DTB42-2-1	140	ND	ND	ND	5.7	—	5.7	—
DTB42-2-3	40	ND	ND	ND	ND	—	ND	—

TABLE 26

SUMMARY OF ANALYTICAL RESULTS: ORGANICS

SEISMIC RETROFIT OF THE TRANSBAY TERMINAL

DEMOLITION COLUMNS

BORING	TPH-S	BENZENE	TOLUENE	E-BENZENE	TOTAL XYLENES	PCB	VOC	SVOC
DTB43-1-1	330	ND	ND	ND	ND	—	—	1,580
DTB43-1-3	60	ND	ND	ND	ND	—	—	—
DTB43-2-1	50	ND	ND	ND	ND	ND	ND	—
DTB43-2-3	250	ND	ND	ND	ND	ND	234	—
DTB44-1-1	50	ND	ND	ND	ND	—	—	ND
DTB44-1-3	<10	ND	ND	ND	ND	—	—	ND
DTB44-2-1	110	ND	ND	ND	ND	—	234	—
DTB44-2-3	1,900	ND	ND	ND	ND	—	15	—
DTB45-1-1	1,500	ND	ND	ND	ND	—	—	340
DTB45-1-3	190	ND	ND	ND	ND	—	—	73,300
DTB45-1-4	—	ND	ND	ND	ND	ND	34	—
DTB45-2-1	80	ND	ND	ND	ND	—	—	—
DTB45-2-3	110	ND	ND	ND	ND	ND	ND	—
DTB46-1-1	1,600	ND	ND	ND	ND	—	—	ND
DTB46-1-3	220	ND	ND	ND	ND	—	—	10,790
DTB46-2-1	70	ND	ND	ND	ND	—	ND	—
DTB46-2-3	750	ND	ND	ND	ND	—	—	—
DTB47-1-1	400	ND	ND	ND	ND	ND	—	12,530
DTB47-1-3	130	ND	ND	ND	ND	ND	—	18,230
DTB47-2-1	620	ND	ND	ND	ND	ND	ND	—
DTB47-2-3	<10	ND	ND	ND	ND	ND	ND	—
DTB48-1-1	<10	ND	ND	ND	ND	—	—	ND
DTB48-1-3	20	ND	ND	ND	ND	—	—	191,000
DTB48-2-1	490	ND	ND	ND	ND	—	—	ND
DTB48-2-3	<10	ND	ND	ND	ND	—	—	ND
DTB49-1-1	50	ND	ND	ND	ND	—	ND	—
DTB49-1-3	60	ND	ND	ND	ND	—	ND	—
DTB49-2-1	90	ND	ND	ND	ND	ND	ND	—
DTB49-2-3	<10	ND	ND	ND	ND	ND	ND	—
DTB50-1-1	910	ND	ND	ND	ND	—	—	ND
DTB50-1-3	160	ND	ND	ND	ND	—	—	1,444
DTB50-2-1	360	ND	ND	ND	ND	—	81	—
DTB50-2-3	650	ND	ND	ND	ND	—	ND	—
DTB51-1-1	<10	ND	ND	ND	ND	—	—	ND
DTB51-1-3	<10	ND	ND	ND	ND	—	—	ND
DTB51-2-1	40	ND	ND	ND	ND	—	ND	—
DTB51-2-3	90	ND	ND	ND	ND	—	ND	—
DTB52-1-1	140	ND	ND	ND	ND	ND	—	ND
DTB52-1-3	<10	ND	ND	ND	ND	ND	—	ND
DTB52-2-1	20	ND	ND	ND	ND	—	ND	—
DTB52-2-3	130	ND	ND	ND	ND	—	ND	—
DTB53-1-1	<10	ND	ND	ND	ND	—	21.1	—
DTB53-1-3	<10	ND	ND	ND	ND	—	ND	—

TABLE 26

SUMMARY OF ANALYTICAL RESULTS: ORGANICS

SEISMIC RETROFIT OF THE TRANSBAY TERMINAL

DEMOLITION COLUMNS

BORING	TPH-S	BENZENE	TOLUENE	E-BENZENE	TOTAL XYLENES	PCB	VOC	SVOC
DTB53-2-1	<10	ND	ND	ND	ND	ND	—	ND
DTB53-2-3	<10	ND	ND	ND	ND	ND	—	ND
DTB54-2-1	<10	ND	ND	ND	ND	—	ND	—
DTB54-2-3	<10	ND	ND	ND	ND	—	6.7	—
DTB55-1-1	480	ND	ND	ND	ND	—	ND	—
DTB55-1-3	<10	ND	ND	ND	ND	—	ND	---
DTB55-2-1	40	ND	ND	ND	ND	—	—	ND
DTB55-2-3	<10	ND	ND	ND	ND	—	—	ND
DTB56-1-1	<10	ND	ND	ND	ND	—	---	ND
DTB56-1-3	<10	ND	ND	ND	ND	—	—	520
DTB56-2-S	500	ND	ND	ND	ND	—	—	ND
DTB56-2-3	<10	ND	ND	ND	ND	—	—	ND
DTB57-1-S	70	ND	ND	ND	5.6	ND	5.6	---
DTB57-1-3	50	ND	ND	ND	ND	ND	ND	---
DTB57-2-S	10	ND	ND	ND	ND	—	—	ND
DTB57-2-3	40	ND	ND	ND	ND	—	---	43,880
DTB58-1-S	70	ND	ND	ND	ND	—	---	410
DTB58-1-3	<10	ND	ND	ND	ND	—	—	7,250
DTB58-2-S	50	ND	ND	ND	ND	—	ND	—
DTB58-2-3	50	ND	ND	ND	ND	---	ND	—
DTB59-1-1	110	ND	ND	ND	ND	---	—	13,570
DTB59-1-3	<10	ND	ND	ND	ND	---	—	ND
DTB59-2-S	60	ND	ND	ND	ND	ND	—	12,230
DTB59-2-3	<10	ND	ND	ND	ND	ND	—	6,630

Notes:
All concentrations are presented in milligrams per kilogram unless noted
ND = Not Detected
--- = Not Analyzed
TPH-S = Total Petroleum Hydrocarbon Speciation
VOC = Total of Volatile Organic Compounds Detected (presented in micrograms per kilogram)
VOC concentrations do not include acetone and methylene chloride, as these are common laboratory contaminants.
SVOC = Total of Semi-Volatile Organic Compounds Detected (presented in micrograms per kilogram)
SVOC concentrations do not include phthalate compounds, as these are common laboratory contaminants.
PCB = Total of Polychlorinated Biphenyls compounds detected (type of PCB in parentheses)
S = Surface.
DTB53-2-1 = Sample Identification-Boring Number-Sample depth in feet below surface grade.

TABLE 27

SUMMARY OF ANALYTICAL RESULTS: VOC COMPOUNDS
SEISMIC RETROFIT OF THE TRANSBAY TERMINAL
DEMOLITION COLUMNS

Boring:	Depth	Dichlorodifluoromethane	n-Butylbenzene	cis-1,2-Dichloroethene	Chlorobenzene	1,1,1-Trichloroethane	Ethanol	2-Methyl-2-propanol	1,2,4-Trichlorobenzene	Naphthalene	Tetrachloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Toluene	Xylenes	Total VOCs
DTB39-1	S	ND	ND	ND	ND	ND	ND	230	15	ND	ND	ND	ND			245
DTB39-1	3	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	ND	ND			14
DTB40-1	3	ND	ND	ND	ND	ND	ND	ND	13	ND	ND	ND	ND			13
DTB41-2	3	ND	ND	ND	ND	ND	1,300	280	14	ND	ND	ND	ND			1,594
DTB42-2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.7			5.7
DTB43-2	3	ND	ND	ND	ND	ND	ND	220	14	ND	ND	ND	ND			234
DTB44-2	1	ND	ND	ND	ND	ND	ND	220	14	ND	ND	ND	ND			234
DTB44-2	3	ND	ND	ND	ND	ND	ND	ND	15	ND	ND	ND	ND			15
DTB45-1	4	ND	ND	ND	ND	20	ND	ND	14	ND	ND	ND	ND			34
DTB50-2	1	ND	ND	ND	ND	ND	ND	ND	8	73	ND	ND	ND			81
DTB53-1	1	ND	ND	ND	ND	8.1	ND	ND	13	ND	ND	ND	ND			21.1
DTB54-2	3	6.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			6.7
DTB57-1	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.6			5.6

Notes:

Depth is in feet below ground surface

S= Surface

ND = Not detected at or above the laboratory detection limits stated in laboratory reports.

All samples are reported in micrograms per kilogram (ug/kg).

TABLE 28

SUMMARY OF ANALYTICAL RESULTS: SVOC COMPOUNDS
SEISMIC RETROFIT OF THE TRANSBAY TERMINAL
DEMOLITION

Boring	Depth	Acenaphthene	Anthracene	Benz(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Chrysene	Dibenz(ah)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Pyrene	Dibenzofuran	2-Phenol	Total SVOCs
PRG		2,800,000	22,000,000	3,600	3,600	36,000	360	360,000	360	37,000,000	22,000,000	3,600	190,000	26,000,000	3,700,000	100,000,000	
DTB43-1	1	ND	ND	ND	ND	ND	ND	ND	ND	380	ND	ND	ND	770	ND	ND	1,580
DTB45-1	1	ND	ND	ND	ND	ND	ND	340	ND	ND	ND	ND	ND	ND	ND	ND	340
DTB45-1	3	ND	ND	**8,500**	**12,000**	6,300	**14,000**	9,000	ND	2,000	ND	**4,700**	ND	12,000	ND	ND	73,300
DTB46-1	3	ND	ND	**1,440**	1,030	ND	ND	**1,360**	ND	2,130	ND	ND	ND	2,380	ND	ND	10,790
DTB47-1	1	350	ND	1,200	1,500	550	**2,100**	**1,300**	ND	1,600	ND	430	ND	2,300	ND	ND	12,530
DTB47-1	3	390	480	**1,600**	2,400	880	**1,700**	**1,800**	ND	1,900	ND	680	820	3,200	ND	ND	18,230
DTB48-1	3	ND	ND	**34,900**	ND	ND	ND	29,900	ND	64,100	ND	ND	ND	62,100	ND	ND	191,000
DTB50-1	3	ND	ND	351	ND	ND	ND	ND	ND	**448**	ND	ND	ND	645	ND	ND	1,444
DTB56-1	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	520	520
DTB57-2	3	1,900	360	4,700	**6,000**	3,400	**5,100**	5,200	ND	4,500	ND	1,400	400	8,500	ND	ND	43,880
DTB58-1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	410	ND	ND	410
DTB58-1	3	ND	ND	870	1,200	590	**1,000**	770	ND	790	ND	ND	ND	1,700	ND	ND	7,250
DTB59-1	1	ND	ND	1,400	2,500	970	**2,000**	1,600	410	1,100	ND	550	ND	1,800	ND	ND	13,570
DTB59-2	5	ND	ND	1,200	2,000	1,000	**2,100**	1,300	ND	830	ND	750	ND	1,700	ND	ND	12,230
DTB59-2	3	ND	ND	690	1,300	710	**1,200**	620	ND	400	ND	460	ND	780	ND	ND	6,630

Notes:

PRG=Preliminary Remedial Goal as stated for Industrial Soil (US EPA Region IX).

All detected SVOC compounds with a published PRG are presented in this table. Total SVOCs includes compounds that do not have a published PRG.

ND = Not detected at or above the laboratory detection limits stated in laboratory reports.

All samples are reported as total concentration in micrograms per kilogram (ug/kg).

Results in bold type are above their respective PRG for that compound.

Depth is presented in feet below ground surface

TABLE 29

SUMMARY OF ANALYTICAL RESULTS: METALS
TRANSBAY TERMINAL, SAN FRANCISCO

PERMENANT AND TEMPORARY COLUMNS

BORING NUMBER	SAMPLE DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TTB7-1	Surface	<5.0	<5.0	120	<0.5	0.5	23	9.4	33	9.5	0.09	<2.5	33	<2.5	<0.5	<5.0	23	66
	3	<5.0	<5.0	140	<0.5	0.5	26	12	37	8.3	0.05	<2.5	39	<2.5	<0.5	<5.0	26	81
	5	<5.0	<5.0	160	<0.5	<0.5	27	13	36	8.9	<0.05	<2.5	43	<2.5	<0.5	<5.0	24	79
TTB2-2	Surface	<5.0	<5.0	190	<0.5	<0.5	25	17	35	33	0.13	<2.5	41	<2.5	<0.5	<5.0	23	98
	3	<5.0	<5.0	340	<0.5	0.6	40	6.5	190	1400 (58) (1.6)	2.2 (0.011)	<2.5	22	<2.5	<0.5	<5.0	26	400
	5	<5.0	<5.0	190	<0.5	0.5	31	5.9	100	1500 (67) (2.4)	1.1	<2.5	19	<2.5	<0.5	<5.0	27	280
	10	---	---	---	---	---	---	---	---	1200 (3.7)	---	---	---	---	---	---	---	---
	15	---	---	---	---	---	---	---	---	390	---	---	---	---	---	---	---	---
TTB3-1	Surface	<5.0	<5.0	160	<0.5	0.5	26	11	38	10	0.08	<2.5	37	<2.5	<0.5	<5.0	26	84
	3	<5.0	<5.0	180	<0.5	<0.5	23	9.9	31	7.8	<0.05	<2.5	34	<2.5	<0.5	<5.0	23	71
	5	<5.0	<5.0	170	<0.5	0.6	17	7.1	20	11	<0.05	<2.5	24	<2.5	<0.5	<5.0	19	54
TTB3-2	Surface	<5.0	<5.0	190	<0.5	0.6	25	11	33	21	0.12	<2.5	38	<2.5	<0.5	<5.0	24	83
	3	<5.0	<5.0	270	<0.5	0.6	26	14	33	11	<0.05	<2.5	43	<2.5	<0.5	7	25	81
	5	<5.0	7	220	<0.5	0.6	23	16	30	11	0.24	<2.5	33	<2.5	<0.5	<5.0	23	76
TTB4-1	Surface	<5.0	<5.0	36	<0.5	0.6	50 (0.3)	3.8	9.6	5.9	0.06	<2.5	38	<2.5	<0.5	<5.0	38	19
	3	<5.0	<5.0	77	<0.5	<0.5	20	10	26	7.2	<0.05	<2.5	35	<2.5	<0.5	<5.0	18	73
	5	<5.0	<5.0	55	<0.5	<0.5	21	6.5	22	5	<0.05	<2.5	32	<2.5	<0.5	<5.0	24	42
TTB4-2	Surface	<5.0	<5.0	90	<0.5	<0.5	50 (0.1)	9.4	16	6.8	<0.05	<2.5	46	<2.5	<0.5	<5.0	39	43
	3	<5.0	<5.0	48	<0.5	<0.5	54 (1.3)	9.6	5.9	2.5	<0.05	<2.5	36	<2.5	<0.5	<5.0	38	30
	5	<5.0	<5.0	47	<0.5	<0.5	45	10	6.7	2.7	<0.05	<2.5	36	<2.5	<0.5	<5.0	34	31
TTB7-1	Surface	<5.0	<5.0	150	<0.5	0.6	31	15	30	46	0.16	<2.5	37	<2.5	<0.5	<5.0	31	76
	3	<5.0	8.5	240	<0.5	0.6	20	19	38	13	0.11	<2.5	44	<2.5	<0.5	<5.0	22	88
	5	<5.0	5.8	180	<0.5	0.7	21	14	34	18	0.05	<2.5	42	<2.5	<0.5	<5.0	23	83
TTB7-2	Surface	<5.0	<5.0	160	0.5	0.6	30	13	28	64 (2.3)	0.15	<2.5	38	<2.5	<0.5	<5.0	27	90
	3	<5.0	<5.0	200	<0.5	0.7	50 (0.3)	15	31	13	0.06	<2.5	120	<2.5	<0.5	5.6	28	71
	5	<5.0	<5.0	160	<0.5	0.7	35	14	26	12	0.57	<2.5	66	<2.5	<0.5	<5.0	23	63
TTB8-1	Surface	<5.0	6.5	240	0.6	0.8	29	19	29	45	0.1	<2.5	44	<2.5	<0.5	9.6	29	78
	3	<5.0	<5.0	10	<0.5	<0.5	24	3.9	<2.5	6.0	<0.05	<2.5	17	<2.5	<0.5	<5.0	15	14
	5	<5.0	<5.0	9.6	<0.5	<0.5	20	3.6	<2.5	3.0	<0.05	<2.5	17	<2.5	<0.5	<5.0	14	11
TTB8-2	Surface	<5.0	<5.0	46	<0.5	<0.5	63 (0.6)	5.6	10	7.2	<0.05	<2.5	48	<2.5	<0.5	<5.0	16	30
	3	<5.0	<5.0	57	<0.5	0.5	22	8.2	12	39	<0.05	<2.5	22	<2.5	<0.5	<5.0	26	62
	5	<5.0	<5.0	160	<0.5	<0.5	41	18	110	85 (0.9)	0.11	<2.5	91	<2.5	<0.5	<5.0	27	310
TTB8-3	Surface	<5.0	<5.0	200	<0.5	0.7	27	16	42	38	0.84	<2.5	45	<2.5	<0.5	<5.0	27	98
	3	<5.0	<5.0	110	<0.5	<0.5	25	10	23	23	0.83	<2.5	43	<2.5	<0.5	<5.0	21	55
	5	<5.0	<5.0	120	<0.5	0.5	28	13	25	14	<0.05	<2.5	39	<2.5	<0.5	<5.0	25	60
TTB9-1	1	<5.0	<5.0	180	0.5	0.7	51 (0.1)	15	31	35	0.12	<2.5	67	<2.5	<0.5	8.0	31	87
	3	<5.0	<5.0	180	<0.5	0.7	23	16	25	18	0.09	<2.5	45	<2.5	<0.5	7.2	26	69
	5	<5.0	<5.0	150	<0.5	0.5	23	12	18	18	0.10	<2.5	40	<2.5	<0.5	5.3	21	54
	10	<5.0	<5.0	39	<0.5	<0.5	31	5.5	4.9	9.9	0.09	<2.5	20	<2.5	<0.5	<5.0	26	19
TTB9-2	1	<5.0	<5.0	210	<0.5	0.9	37	11	150	380 (4.2)	0.41	<2.5	45	<2.5	<0.5	5.8	28	230
	3	<5.0	<5.0	260	<0.5	0.6	32	13	28	28	0.17	<2.5	43	<2.5	<0.5	8.1	26	70
	5	<5.0	<5.0	57	<0.5	4.0	13	8.5	10	1,800 (82)*	0.17	<2.5	19	<2.5	<0.5	11	14	76
	10	<5.0	<5.0	99	<0.5	<0.5	44	11	14	32	0.17	<2.5	31	<2.5	<0.5	<5.0	38	60

BORING NUMBER	SAMPLE DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TTB9-3	1	<50	110 (<10)	4,900 (<20)	<5.0	220 (11)	310 (2.6)	<10	910 (16)	67,000 (2,100) (4.4)	0.13	<25	21	<25	<5.0	17	20	56,000 (4,400)
	3	<50	130 (<10)	4,300 (39)	<5.0	270 (12)	380 (2.6)	<10	350 (15)	83,000 (2,600) (280)	3.1 (4.7)	<25	20	<25	<5.0	19	16	56,000 (4,000)
	5	<50	160 (<10)	2,500 (<20)	<5.0	150 (7.2)	160 (2.0)	<10	290 (8.9)	2,300 (24)*	0.14	<25	25	<25	<5.0	12	22	33,000 (2,500)
	10	<5.0	<5.0	70	<0.5	<0.5	34	5.0	43	240 (0.4)	<0.05	<2.5	20	<2.5	<0.5	<5.0	21	52
TTB9-4	1	<5.0	49	160	<0.5	1.9	33	16	160	580 (42) (1.7)	0.23	<2.5	37	<2.5	<0.5	14	41	470
	3	<5.0	60	350	<0.5	1.9	31	10	180	16*	2.3 (<0.002)	<2.5	33	<2.5	<0.5	7.5	33	410
	5	<5.0	7.2	550	<0.5	5.9	48 (6.2)	5.3	520 (63)	3100 (95) (16)	0.58	<2.5	22	<2.5	<0.5	<5.0	28	2200
	10	<5.0	<5.0	110	<0.5	<0.5	34	4.6	10	450 (3.5)	0.10	<2.5	17	<2.5	<0.5	<5.0	27	35
TTB10-1	1	<5.0	6.4	95	<0.5	<0.5	29	6.7	41	150 (8.1) (0.19)	0.36	<2.5	22	<2.5	<0.5	<5.0	28	110
	3	<5.0	5.6	240	0.5	0.6	35	17	27	110 (0.6)	0.07	<2.5	51	<2.5	<0.5	11	30	71
	5	<5.0	5	170	<0.5	<0.5	26	15	20	43	0.12	<2.5	33	<2.5	<0.5	6	26	55
	10	<5.0	<5.0	20	<0.5	<0.5	24	4.4	17	33	0.85	<2.5	18	<2.5	<0.5	<5.0	17	57
	15	<5.0	<5.0	12	<0.5	<0.5	25	6.8	1.9	3.2	1.8	<2.5	18	<2.5	<0.5	<5.0	17	30
TTB10-2	1	<5.0	5	170	<0.5	2.4	37	12	110	47*	0.36	<2.5	38	<2.5	<0.5	7.3	27	240
	3	<5.0	6.7	170	<0.5	0.7	29	11	69	230 (8.2) (0.81)*	0.18	<2.5	38	<2.5	<0.5	9.9	25	93
	5	<5.0	5.4	160	<0.5	<0.5	33	13	24	24	<0.05	<2.5	44	<2.5	<0.5	12	28	71
	10	<5.0	<5.0	22	<0.5	<0.5	20	3.7	19	38	0.39	<2.5	16	<2.5	<0.5	<5.0	14	61
TTB11-1	1	<5.0	7.4	89	0.5	0.5	25	11	18	25	0.48	<2.5	30	<2.5	<0.5	10	24	56
	3	<5.0	8.0	130	0.6	0.9	32	15	33	32	0.1	<2.5	67	<2.5	<0.5	15	35	97
	5	<5.0	12	160	<0.5	<0.5	27	6.4	25	12	<0.05	<2.5	39	<2.5	<0.5	18	29	54
	10	<5.0	<5.0	23	<0.5	<0.5	20	3.5	8.2	51 (36) (<0.02)	2.9 (0.06)	<2.5	17	<2.5	<0.5	<5.0	15	20
	15									1.7								
TTB11-2	Surface	<5.0	9	130	<0.5	1.3	25	8.9	99	200 (22) (1.5)*	3.1 (<0.002)	<2.5	30	<2.5	<0.5	<5.0	25	240
	3	<5.0	5.6	210	<0.5	0.7	22	16	30	50 (1.4)	0.1	<2.5	38	<2.5	<0.5	<5.0	22	86
	5	<5.0	<5.0	53	<0.5	0.8	21	3.4	22	280 (61) (3.8)	3.5 (0.012)	<2.5	14	<2.5	<0.5	<5.0	16	340
	10	<5.0	<5.0	12	<0.5	0.5	20	3.4	3.8	3.2	0.13	<2.5	14	<2.5	<0.5	<5.0	16	21
TTB12-1	Surface	<5.0	7.3	83	0.5	0.7	26	9.7	35	30	0.07	<2.5	40	<2.5	<0.5	12	28	70
	3	<5.0	<5.0	40	<0.5	<0.5	27	4.7	17	83 (8.2) (0.13)	0.06	<2.5	18	<2.5	<0.5	3.2	21	67
	5	<5.0	5.8	68	<0.5	0.5	29	7.4	43	120 (9.8) (0.10)	0.38	<2.5	22	<2.5	<0.5	9.1	24	100
	10									3.3								
TTB12-2	Surface	<5.0	8.2	140	0.5	0.7	23	13	28	33	0.16	<2.5	38	<2.5	<0.5	11	24	86
	3	<5.0	<5.0	96	<0.5	0.9	25	6.1	59	25*	0.16	<2.5	22	<2.5	<0.5	6.8	23	350
	5	<5.0	9.5	260	0.6	0.7	22	21	42	46	0.21	41	<1.0	<2.5	<0.5	13	21	81
	10	<5.0	<5.0	13	<0.5	<0.5	22	3.8	<2.5	<1.0	<0.05	18	<1.0	<2.5	<0.5	<5.0	15	12
TTB13-1	Surface	71	<5.0	500	<0.5	<0.5	42	13	270 (2.2)	2400 (7.0) (1.2)	0.30	2.6	50	<2.5	<0.5	<5.0	42	1300
	3	<5.0	<5.0	29	<0.5	<0.5	32	4.7	2.6	17	<0.05	<2.5	18	<2.5	<0.5	<5.0	25	36
	5	<5.0	<5.0	28	<0.5	<0.5	29	4.2	<2.5	4.3	<0.05	<2.5	17	<2.5	<0.5	<5.0	22	25
	10	<5.0	<5.0	26	<0.5	<0.5	37	4.8	<2.5	10	<0.05	<2.5	18	<2.5	<0.5	<5.0	25	52
TTB13-2	S	<5.0	7.4	150	<0.5	0.9	27	9.4	54	99 (3.9)*	0.18	<2.5	29	<2.5	<0.5	8.8	29	290
	3	<5.0	<5.0	77	<0.5	0.7	27	5.8	38	100 (1.7)	0.36	<2.5	21	<2.5	<0.5	<5.0	30	210
	5	<5.0	<5.0	130	<0.5	<0.5	40	8.5	6.8	4.1	0.08	<2.5	23	<2.5	<0.5	<5.0	36	34
	10	<5.0	<5.0	22	<0.5	<0.5	30	4.2	<2.5	3.2	<0.05	<2.5	17	<2.5	<0.5	<5.0	22	24
TTB14-1	Surface	<5.0	12	170	<0.5	0.5	32	14	31	42	<0.05	<2.5	54	<2.5	<0.5	12	30	140
	3	<5.0	5	81	<0.5	<0.5	28	7.9	10	24	<0.05	<2.5	22	<2.5	<0.5	5.4	23	49
	5	<5.0	8	170	<0.5	<0.5	20	13	21	26	<0.05	<2.5	31	<2.5	<0.5	8.2	19	67
	10	<5.0	<5.0	16	<0.5	<0.5	25	2.8	<2.5	<1.0	<0.05	<2.5	13	<2.5	<0.5	<5.0	19	20

BORING NUMBER	SAMPLE DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TTB14-2	Surface	<5.0	7.2	140	<0.5	1.0	30	9.1	76	150 (4.6)	<0.05	<2.5	31	<2.5	<0.5	8.4	30	160
	3	<5.0	<5.0	250	<0.5	<0.5	20	11	28	19*	<0.05	<2.5	32	<2.5	<0.5	6.5	17	80
	5	<5.0	<5.0	93	<0.5	0.6	25	11	30	50 (3.6)	<0.05	<2.5	34	<2.5	<0.5	8.6	22	90
	10	<5.0	<5.0	72	<0.5	<0.5	27	4.8	17	59 (2.1)	<0.05	<2.5	17	<2.5	<0.5	<5.0	22	90
	15									32								
TTB15-1	Surface	<5.0	<5.0	230	0.5	<0.5	29	15	24	23	0.15	<2.5	38	<2.5	<0.5	7.9	25	75
	3	<5.0	8.8	200	0.6	<0.5	24	17	28	20	0.25	<2.5	41	<2.5	<0.5	8.1	23	78
	5	<5.0	5.5	120	<0.5	<0.5	22	7.1	29	110 (7.6) (2.6)	0.50	<2.5	26	<2.5	<0.5	<5.0	20	94
	10	<5.0	4.5	200	<0.5	<0.5	25	4.3	18	880 (0.6)	<0.05	<2.5	18	<2.5	<0.5	<5.0	22	310
TTB15-2	Surface	<5.0	7.1	150	<0.5	0.5	41	11	26	310 (20) (1.3)*	0.29	<2.5	50	<2.5	<0.5	8.3	31	160
	3	<5.0	11	180	0.5	0.5	27	15	32	36	0.18	<2.5	37	<2.5	<0.5	7.7	25	74
	5	<5.0	8.8	210	<0.5	0.5	34	16	26	48	0.28	<2.5	100	<2.5	<0.5	12	26	84
	10	<5.0	4.7	96	<0.5	<0.5	27	4.2	34	210 (2.2)	<0.05	<2.5	19	<2.5	<0.5	<5.0	22	150
TTB16-1	Surface	<5.0	<5.0	180	<0.5	<0.5	29	11	24	44	0.37	<2.5	56	<2.5	<0.5	8	16	85
	3	<5.0	<5.0	230	<0.5	<0.5	23	9.8	15	31	0.18	<2.5	32	<2.5	<0.5	6.3	20	60
	5	<5.0	<5.0	110	0.5	<0.5	30	12	11	19	0.10	<2.5	44	<2.5	<0.5	5.2	21	44
	10	<5.0	6.2	140	<0.5	<0.5	20	9.6	21	24	0.17	<2.5	47	<2.5	<0.5	7.4	21	88
TTB16-2	Surface	<5.0	7	170	<0.5	<0.5	18	13	19	18	0.22	<2.5	32	<2.5	<0.5	6.1	18	66
	3	<5.0	<5.0	230	<0.5	<0.5	24	13	22	38	0.27	<2.5	33	<2.5	<0.5	6.1	20	85
	5	<5.0	<5.0	210	0.5	0.8	31	15	17	53 (3.4)	0.08	<2.5	41	<2.5	<0.5	8.3	27	66
	10	<5.0	6.9	57	<0.5	0.8	9.9	11	39	9.6	0.11	<2.5	51	<2.5	<0.5	11	23	73
TTB16-3	Surface	<5.0	<5.0	110	<0.5	0.6	56 (0.1)	12	17	31*	0.13	<2.5	61	<2.5	<0.5	8.5	28	68
	3	<5.0	<5.0	170	<0.5	0.9	20	14	23	16	0.20	<2.5	36	<2.5	<0.5	6.2	18	69
	5	<5.0	<5.0	120	<0.5	0.6	35	9.6	25	120 (8.5) (0.12)	0.59	<2.5	45	<2.5	<0.5	7.3	24	120
	10	<5.0	5.5	300	<0.5	0.6	24	13	35	16	0.22	<2.5	36	<2.5	<0.5	11	24	84
TTB17-1	Surface	<5.0	<5.0	140	<0.5	<0.5	22	16	32	40	0.16	<2.5	59	<2.5	<0.5	5.2	23	66
	3	<50	<50	240	<5.0	<5.0	48	22	48	14	0.16	<25	140	<25	<5.0	<5.0	37	110
	5	<5.0	8.5	230	0.5	0.5	31	16	37	11	0.15	<2.5	110	<2.5	<0.5	11	31	80
	10	<5.0	5.6	220	<0.5	<0.5	24	13	30	22	0.08	<2.5	66	<2.5	<0.5	7.7	26	69
TTB17-2	Surface	<5.0	5.7	180	<0.5	<0.5	26	14	38	43	0.25	<2.5	42	<2.5	<0.5	8.7	26	83
	3	<5.0	5.7	120	<0.5	<0.5	16	10	27	31	0.34	<2.5	35	<2.5	<0.5	5.2	22	70
	5	<5.0	11	370	0.6	0.6	14	16	38	13	<0.05	<2.5	55	<2.5	<0.5	12	28	95
	10	<5.0	7.5	250	<0.5	0.5	34	16	35	8.5	0.06	<2.5	120	<2.5	<0.5	10	27	71
TTB00-1	Surface	<5.0	9.4	130	<0.5	<0.5	20	11	33	24	0.21	<2.5	31	<2.5	<0.5	<5.0	18	81
	3	<5.0	5.3	250	<0.5	<0.5	16	6.9	11	8.0	<0.05	<2.5	23	<2.5	<0.5	<5.0	15	44
	5	15	<5.0	27	<0.5	<0.5	25	4.4	24	190 (12) (0.08)	0.14	<2.5	19	<2.5	<0.5	<5.0	19	38
	10	<5.0	<5.0	43	<0.5	<0.5	30	5.2	39	200 (85) (0.62)	0.38	<2.5	20	<2.5	<0.5	<5.0	21	100
	15									25								
TTB00-2	Surface	<5.0	<5.0	95	<0.5	<0.5	29	6.6	47	150 (4.5)	0.1	<2.5	23	<2.5	<0.5	<5.0	23	84
	3	<5.0	<5.0	120	<0.5	<0.5	29	7.4	70	120 (6.7) (0.06)	0.21	<2.5	23	<2.5	<0.5	<5.0	24	93
	5	<5.0	<5.0	170	<0.5	<0.5	22	7.1	13	19	0.07	<2.5	21	<2.5	<0.5	<5.0	21	42
	10	<5.0	<5.0	240	<0.5	<0.5	24	11	17	25	0.23	<2.5	27	<2.5	<0.5	<5.0	22	48
TTBCC-1	Surface	<5.0	<5.0	61	<0.5	<0.5	36	6.9	15	54 (0.7)	0.09	<2.5	23	<2.5	<0.5	<5.0	29	62
	3	<5.0	16	44	<0.5	0.7	34	6.3	220	200 (8.5) (0.02)	0.16	<2.5	25	<2.5	74	.4 (0.	25	170
	5	<5.0	<5.0	31	<0.5	3.2	32	4.9	21	62 (10) (0.15)	0.48	<2.5	22	<2.5	<0.5	<5.0	23	900
	10									68 (14) (0.02)								
	15									ND								

BORING NUMBER	SAMPLE DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TTBCC 2	Surface	<5.0	<5.0	230	0.6	0.5	22	22	36	26	0.05	<2.5	40	<2.5	<0.5	8.6	24	97
	3	<5.0	<5.0	18	<0.5	<0.5	28	4.2	8.9	41	0.18	<2.5	18	<2.5	<0.5	<5.0	21	36
	5	<5.0	<5.0	150	<0.5	<0.5	28	4.3	20	100 (4.4)	0.32	<2.5	19	<2.5	<0.5	<5.0	21	82
TTBBB 1	Surface	<5.0	<5.0	43	<0.5	<0.5	25	5.6	25	62 (0.5)	0.33	<2.5	20	<2.5	<0.5	<5.0	23	88
	3	<5.0	<5.0	85	<0.5	<0.5	24	7.5	34	20	0.30	<2.5	33	<2.5	<0.5	<5.0	21	55
	5	<5.0	<5.0	44	<0.5	<0.5	25	4.9	21	40	0.32	<2.5	20	<2.5	<0.5	<5.0	23	50
	10	<5.0	<5.0	26	<0.5	<0.5	27	4.3	20	68 (6.1) (0.03)	0.47	<2.5	17	<2.5	<0.5	<5.0	22	74
TTBBB 2	Surface	<5.0	7.2	36	<0.5	<0.5	25	4.5	24	71 (<0.2)	0.28	<2.5	21	<2.5	<0.5	<5.0	20	140
	3	<5.0	<5.0	46	<0.5	<0.5	28	4.7	29	130 (10) (0.16)	0.65	<2.5	22	<2.5	<0.5	<5.0	21	150
	5	<5.0	<5.0	57	<0.5	<0.5	29	5.1	49	160 (11) (0.30)	0.63	<2.5	31	<2.5	<0.5	<5.0	21	180
	10	<5.0	<5.0	61	<0.5	<0.5	26	4.2	44	140 (10) (<0.02)	0.41	<2.5	22	<2.5	<0.5	<5.0	20	190
	15									<1								
TTBAA-1	Surface	<5.0	<5.0	53	<0.5	<0.5	31	4.9	21	72 (3.3)	0.34	<2.5	31	<2.5	<0.5	<5.0	18	84
	3	<5.0	<5.0	73	<0.5	0.6	26	4.1	43	160 (19) (0.14)	0.62	<2.5	19	<2.5	<0.5	<5.0	20	330
	5	19	6.7	81	<0.5	1.4	23	5.4	77	1,600 (43) (0.27)	2.2 (0.005)	<2.5	21	<2.5	<0.5	<5.0	32	380
	10	<5.0	<5.0	41	<0.5	<0.5	30	4.5	83	120 (6.9) (2.0)	0.43	<2.5	18	<2.5	<0.5	<5.0	19	74
	15									<1								
TTBAA-2	Surface	<5.0	5.1	300	0.8	<0.5	26	24	44	16	0.08	<2.5	51	<2.5	<0.5	5.9	26	88
	3	<5.0	<5.0	42	<0.5	<0.5	34	4.9	21	76 (3.7)	0.31	<2.5	25	<2.5	<0.5	<5.0	22	140
	5	<5.0	<5.0	43	<0.5	<0.5	34	5.0	15	80 (7.0) (<0.02)	0.23	<2.5	21	<2.5	<0.5	<5.0	25	70
	10	<5.0	<5.0	44	<0.5	<0.5	33	4.8	36	140 (6.5) (0.20)	0.34	<2.5	20	<2.5	<0.5	<5.0	23	170
	15									1.1								
TTBZ-1	Surface	<5.0	9.6	160	<0.5	<0.5	20	11	25	32	<0.05	<2.5	32	<2.5	<0.5	7.5	21	84
	3	<5.0	<5.0	74	<0.5	0.7	31	4.7	81	130 (14) (ND)*	0.45	<2.5	28	<2.5	<0.5	<5.0	22	250
	5	<5.0	<5.0	64	<0.5	<0.5	30	4.1	82	170 (17) (0.73)	0.57	<2.5	22	<2.5	<0.5	<5.0	21	200
	10	<5.0	<5.0	62	<0.5	<0.5	26	3.5	9.9	44	0.17	<2.5	15	<2.5	<0.5	<5.0	20	83
TTBZ-2	Surface	<5.0	<5.0	170	6	0.5	22	15	30	9.7	0.34	<2.5	40	<2.5	<0.5	5.9	19	73
	3	<5.0	<5.0	39	<0.5	<0.5	30	4.6	12	250 (12) (0.18)	0.23	<2.5	19	<2.5	<0.5	<5.0	23	110
	5	<5.0	<5.0	42	<0.5	<0.5	32	4.5	13	120 (9.6) (0.63)	0.19	<2.5	19	<2.5	<0.5	<5.0	23	86
	10	<5.0	<5.0	20	<0.5	<0.5	25	4.2	9.3	38	0.13	<2.5	18	<2.5	<0.5	<5.0	19	62
TTBY-1	Surface	<5.0	5.5	180	0.5	0.7	22	14	28	16	0.45	<2.5	40	<2.5	<0.5	<5.0	24	79
	3	<5.0	<5.0	30	<0.5	<0.5	37	4.3	11	39	<0.05	<2.5	17	<2.5	<0.5	<5.0	26	61
	5	<5.0	<5.0	22	<0.5	<0.5	27	3.8	<2.5	23	<0.05	<2.5	16	<2.5	<0.5	<5.0	22	34
	10	<5.0	<5.0	32	<0.5	<0.5	28	4.0	29	59 (8.1) (0.34)	0.1	<2.5	17	<2.5	<0.5	<5.0	22	78
	15									6.9								
TTBY-2	Surface	<5.0	<5.0	94	<0.5	<0.5	29	6.8	29	140 (4.5)	0.15	<2.5	22	<2.5	<0.5	<5.0	22	170
	3	<5.0	<5.0	48	<0.5	<0.5	26	4.5	18	79 (3.6)	0.14	<2.5	18	<2.5	<0.5	<5.0	19	180
	5	<5.0	<5.0	39	<0.5	0.6	28	4.4	31	86 (17) (0.11)	0.22	<2.5	19	<2.5	<0.5	<5.0	21	310
	10	<5.0	<5.0	17	<0.5	<0.5	30	4.3	4.8	22	0.09	<2.5	18	<2.5	<0.5	<5.0	22	38
TTBX-1	Surface	<5.0	14	170	0.6	0.6	20	16	29	15	0.49	<2.5	47	<2.5	<0.5	10	23	78
	3	<5.0	5.5	70	<0.5	<0.5	46	5.9	38	180 (18) (3.8)	0.33	<2.5	36	<2.5	<0.5	<5.0	24	180
	5	<5.0	<5.0	96	<0.5	0.6	31	5.0	56	200 (25) (0.54)	0.32	<2.5	27	<2.5	<0.5	<5.0	21	230
	10	<5.0	5.6	54	<0.5	1.2	32	4.3	32	140 (44) (NS)	0.36	<2.5	19	<2.5	<0.5	8.4	24	540
	15									14								

BORING NUMBER	SAMPLE DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TTB66-3	1	<5.0	21	190	0.6	<0.5	21	18	30	13	0.11	<2.5	43	<2.5	<0.5	<5.0	23	73
	3	<5.0	5.8	35	<0.5	0.6	23	3.5	47	140 (11) (0.21)	0.27	<2.5	17	<2.5	<0.5	<5.0	16	170
	5	<5.0	5.3	26	<0.5	<0.5	26	3.6	19	67 (6.8) (0.29)	0.39	<2.5	18	<2.5	<0.5	<5.0	17	70
	10	<5.0	5.3	39	<0.5	<0.5	24	3.6	38	120 (8.5) (0.15)	0.23	<2.5	17	<2.5	<0.5	<5.0	15	130
	15									6.2								
TTB66-4	Surface	<5.0	18	190	0.6	0.6	21	15	30	10	0.16	<2.5	41	<2.5	<0.5	<5.0	24	73
	3	<5.0	5.7	39	<0.5	<0.5	24	3.8	170	57 (6.0) (0.11)	0.39	<2.5	15	<2.5	<0.5	<5.0	19	56
	5	<5.0	5.1	54	<0.5	<0.5	28	3.9	43	200 (5.9) (0.14)	0.49	<2.5	18	<2.5	<0.5	<5.0	23	170
	10	<5.0	5.8	53	<0.5	<0.5	16	4.3	14	15	0.32	<2.5	11	<2.5	<0.5	<5.0	17	37
TTB65-1	Surface	<5.0	7.9	74	<0.5	0.8	25	5.6	80	160 (15) (0.57)	0.41	<2.5	23	<2.5	<0.5	<5.0	20	170
	3	6.3	7.1	54	<0.5	<0.5	24	3.7	160	420 (28) (0.64)	0.38	2.6	17	<2.5	<0.5	<5.0	22	280
	5	8.1	6.7	60	<0.5	0.8	27	4.0	240	290 (40) (0.71)	0.40	4.9	22	<2.5	<0.5	<5.0	20	350
	10	<5.0	12	70	<0.5	12	24	3.4	240	340 (30) (0.48)	0.32	<2.5	17	<2.5	<0.5	<5.0	18	1100
	15									110 (8.7) (<0.02)								
	20									6.8								
TTB65-2	Surface	<5.0	7.5	190	0.5	0.5	16	16	22	13	0.07	<2.5	30	<2.5	<0.5	11	18	62
	3	<5.0	<5.0	57	<0.5	<0.5	25	4.2	170	210 (16) (0.12)	0.25	<2.5	18	<2.5	<0.5	5.2	21	260
	5	<5.0	8.0	65	<0.5	0.7	27	4.1	210	2300 (22) (2.4)	0.53	17	25	<2.5	<0.5	7.2	22	290
	10	<5.0	<5.0	46	<0.5	<0.5	25	4.2	47	95 (13) (1.8)	0.39	<2.5	18	<2.5	<0.5	<5.0	22	120
	15									77 (12) (0.04)								
TTB65-3	Surface	<5.0	20	160	0.6	0.8	19	15	24	14	0.05	<2.5	40	<2.5	<0.5	16	30	67
	3	<5.0	<5.0	70	<0.5	<0.5	31	4.3	120	220 (44) (0.51)	0.40	<2.5	19	<2.5	<0.5	6.3	23	250
	5	<5.0	<5.0	55	<0.5	0.5	25	4.0	77	180 (24) (0.60)	0.34	<2.5	17	<2.5	<0.5	4.1	17	180
	10	<5.0	<5.0	64	<0.5	<0.5	69 (0.2)	9.6	31	160 (17) (0.20)	0.29	<2.5	110	<2.5	<0.5	6.8	27	130
	15									21								
TTB65-4	Surface	<5.0	5.5	120	<0.5	<0.5	21	9.6	21	9.8	0.42	<2.5	31	<2.5	<0.5	9.2	18	45
	3	7.2	<5.0	48	<0.5	<0.5	24	3.8	200	210 (32) (0.46)	0.35	5.6	21	<2.5	<0.5	<5.0	18	230
	5	<5.0	<5.0	56	<0.5	<0.5	28	4.2	100	240 (51) (0.83)	0.87	6.3	20	<2.5	<0.5	5.2	21	270
	10	<5.0	<5.0	71	<0.5	0.6	29	3.9	130	200 (21) (0.17)	0.33	5.4	21	<2.5	<0.5	<5.0	21	210
	15									26								
TTB64-1	Surface	<5.0	12	110	<0.5	0.6	25	9.5	41	73 (0.2)	0.23	<2.5	28	<2.5	<0.5	11	26	85
	3	<5.0	<5.0	35	<0.5	<0.5	29	4.0	23	94 (6.2) (0.07)	0.16	<2.5	18	<2.5	<0.5	<5.0	23	84
	5	<5.0	<5.0	27	<0.5	<0.5	28	3.8	16	39	0.22	<2.5	16	<2.5	<0.5	<5.0	21	94
	10	<5.0	<5.0	130	<0.5	<0.5	30	4.7	27	140 (6.7) (0.03)	0.25	<2.5	22	<2.5	<0.5	<5.0	24	91
	15									41								
TTB64-2	Surface	<5.0	12	210	0.5	0.5	22	17	31	18	0.19	<2.5	40	<2.5	<0.5	13	23	74
	3	<5.0	6	47	<0.5	0.7	27	6.4	120	73 (8.4) (0.31)	0.70	<2.5	17	<2.5	<0.5	17	26	91
	5	<5.0	<5.0	200	<0.5	0.6	26	4.4	80	220 (18) (<0.02)	0.33	<2.5	18	<2.5	<0.5	<5.0	24	280
	10	<5.0	<5.0	30	<0.5	<0.5	32	4.3	19	79 (9.9) (0.10)	0.16	<2.5	18	<2.5	<0.5	<5.0	27	230
	15									86 (130) (<0.02)								
	20									ND								
TTB64-3	Surface	<5.0	6.0	49	<0.5	<0.5	27	4.5	26	71 (13) (0.43)	0.23	<2.5	19	<2.5	<0.5	<5.0	21	100
	3	<5.0	5.8	45	<0.5	0.6	25	3.8	45	110 (12) (0.36)	0.32	<2.5	16	<2.5	<0.5	<5.0	19	140
	5	<5.0	5.4	48	<0.5	<0.5	29	4.0	48	160 (14) (1.1)	0.34	<2.5	17	<2.5	<0.5	<5.0	22	130
	10	<5.0	6.0	58	<0.5	<0.5	23	4.6	82	100 (4.6)	0.23	<2.5	18	<2.5	<0.5	<5.0	18	130
	15									37								
TTB63-1	Surface	<5.0	20	180	<0.5	<0.5	19	19	23	42	0.42	<2.5	39	<2.5	<0.5	<5.0	24	59
	3	<5.0	6	25	<0.5	<0.5	28	4.5	260 (25)	56 (5.6) (0.15)	0.17	<2.5	17	<2.5	<0.5	<5.0	23	93
	5	<5.0	5.5	34	<0.5	<0.5	28	4.0	28	72 (8.4) (0.14)	0.16	<2.5	19	<2.5	<0.5	<5.0	21	72

BORING NUMBER	SAMPLE DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TTB63 2	Surface	<5.0	9.5	73	<0.5	<0.5	26	7.4	45	100 (3.7)	0.34	<2.5	24	<2.5	<0.5	<5.0	21	110
	3	<5.0	19	93	<0.5	1.7	26	7.9	260 (14)	310 (27) (0.26)	0.64	7.3	27	<2.5	<0.5	5.6	29	360
	5	<5.0	6.4	65	<0.5	<0.5	29	4.5	77	280 (14) (0.27)	0.48	6.3	21	<2.5	<0.5	<5.0	23	190
TTBo3-3	Surface	<5.0	6.2	52	<0.5	<0.5	25	4.9	410 (3.7)	180 (8.7) (<0.02)	0.54	2.5	20	<2.5	<0.5	<5.0	20	140
	3	<5.0	11	68	<0.5	<0.5	180 (0.4)	4.9	44	37	0.51	69	27	<2.5	<0.5	<5.0	23	63
	5	<5.0	6.2	56	<0.5	0.6	30	4.1	110	270 (31) (0.87)	0.41	3.4	19	<2.5	<0.5	<5.0	21	300
	10									49								
TTBo3 4	Surface	<5.0	5.7	35	<0.5	<0.5	27	4.3	26	100 (3.6)	0.56	<2.5	17	<2.5	<0.5	<5.0	22	110
	3	<5.0	4.6	24	<0.5	<0.5	26	3.9	16	36	0.37	<2.5	17	<2.5	<0.5	<5.0	20	55
	5	<5.0	7.5	37	<0.5	<0.5	28	4.4	62	39	0.22	<2.5	18	<2.5	<0.5	<5.0	22	52
	10	<5.0	10	58	<0.5	<0.5	28	5.4	93	120 (6.2) (0.02)	0.31	<2.5	19	<2.5	<0.5	<5.0	23	160
	15									9.3								
TTB62-1	Surface	<5.0	7.9	64	<0.5	0.5	32	7.2	48	140 (<0.2)	0.32	<2.5	30	<2.5	<0.5	<5.0	26	110
	3	<5.0	7.4	270	<0.5	0.5	32	4.6	53	220 (11) (0.14)	0.3	4.3	20	<2.5	<0.5	<5.0	24	200
	5	<5.0	5.2	39	<0.5	<0.5	26	3.8	49	70 (4.1)	0.25	<2.5	16	<2.5	<0.5	<5.0	23	86
	10	<5.0	5.5	59	<0.5	<0.5	30	4.3	54	140 (11) (0.17)	0.58	<2.5	18	<2.5	<0.5	<5.0	24	140
TTB62-2	Surface	<5.0	5.1	43	<0.5	<0.5	26	4.1	57	340 (31) (1.1)	0.46	<2.5	17	<2.5	<0.5	<5.0	21	130
	3	<5.0	<5.0	29	<0.5	<0.5	28	4.9	62	76 (10) (0.98)	0.17	<2.5	22	<2.5	<0.5	<5.0	23	99
	5	<5.0	6.0	52	<0.5	<0.5	31	4.2	110	210 (22) (1.5)	0.53	5.7	19	<2.5	<0.5	<5.0	24	190
TTbo2-3	Surface	<5.0	6.2	41	<0.5	<0.5	24	4.8	20	82 (5.1) (0.24)	0.18	<2.5	19	<2.5	<0.5	<5.0	19	66
	3	<5.0	6.4	22	<0.5	<0.5	24	4.0	10	47	0.07	<2.5	17	<2.5	<0.5	<5.0	19	41
	5	<5.0	5.9	56	<0.5	<0.5	25	3.8	11	330 (41) (0.53)	0.1	<2.5	16	<2.5	<0.5	<5.0	21	70
	10									55 (4.2)								
TTbd2 4	Surface	11	17	77	<0.5	1.2	29	8.1	430 (5.2)	890 (57) (0.91)	0.32	<2.5	27	<2.5	<0.5	<5.0	25	330
	3	<5.0	7.8	78	<0.5	2.0	32	4.4	160	320 (22) (0.38)	0.43	6.7	22	<2.5	<0.5	<5.0	26	550
	5	<5.0	<5.0	30	<0.5	<0.5	31	3.8	35	100 (5.7) (0.33)	0.14	<2.5	17	<2.5	<0.5	<5.0	21	180
	10	<5.0	<5.0	54	<0.5	0.5	26	4.1	95	230 (29) (1.6)	0.49	<2.5	19	<2.5	<0.5	<5.0	19	200
	15	—	—	—	—	—	—	—	—	ND	—	—	—	—	—	—	—	—
TTLC		500	500	10,000	75	100	500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
STLC		15	5	100	0.75	1	5	80	25	5	0.2	350	20	1	5	7	24	250

Notes

<0.01 = not detected at or above the laboratory detection limits

Metals are designated by their symbol on the periodic table of elements

All samples are reported as total concentration in milligrams per kilogram (mg/kg), unless indicated.

(3.3) = Soluable concentration after a WET, presented in milligrams per liter (mg/l)

(3.3) = Soluble concentration after a TCLP, presented in mg/l

TTLC = total threshold limit concentration

STLC = soluable threshold limit concentration.

Sample depth in feet below surface grade.

ND = Not Detected

NS = Not sufficient sample to analyze.

* = Soil sample resampled and reanalyzed

TABLE 30

SUMMARY OF ANALYTICAL RESULTS: ORGANICS

SEISMIC RETROFIT OF THE TRANSBAY TERMINAL

PERMENANT AND TEMPORARY COLUMNS

BORING NUMBER	BENT	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	TOTAL XYLENES	PCB	VOC	SVOC
TTB2-1	2	Surface	<10	ND	ND	ND	ND	—	—	470
		3	<10	ND	ND	ND	ND	—	—	410
		5	<10	ND	ND	ND	ND	—	—	650
TTB2-2	2	Surface	10	ND	ND	ND	ND	ND	5.6	—
		3	<10	ND	ND	ND	ND	ND	6.7	—
		5	60	ND	ND	ND	ND	ND	41.6	—
TTB3-1	3	Surface	<10	ND	ND	ND	ND	—	—	350
		3	<10	ND	ND	ND	ND	—	—	420
		5	<10	ND	ND	ND	ND	—	—	360
TTB3-2	3	Surface	<10	ND	ND	ND	ND	ND	6.2	—
		3	<10	ND	ND	ND	ND	ND	6.2	—
		5	<10	ND	ND	ND	ND	ND	7.4	—
TTB4-1	4	Surface	<10	ND	ND	ND	ND	—	—	520
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
TTB4-2	4	Surface	<10	ND	ND	ND	ND	ND	6.3	—
		3	40	ND	ND	ND	ND	ND	ND	—
		5	60	ND	ND	ND	ND	ND	ND	—
TTB7-1	7	Surface	<10	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	250	ND	ND	ND	ND	—	—	ND
TTB7-2	7	Surface	<10	ND	ND	150	2,660	ND	2855.4	—
		3	100	ND	ND	9.8	62	ND	82.8	—
		5	70	ND	ND	ND	ND	ND	6.5	—
TTB8-1	8	Surface	<10	ND	ND	ND	23.5	—	32.4	—
		3	<10	ND	ND	ND	ND	—	5.6	—
		5	<10	ND	ND	ND	ND	—	5.6	—
TTB8-2	8	Surface	90	ND	ND	ND	ND	—	—	ND
		3	230	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
TTB8-3	8	Surface	100	ND	ND	ND	ND	ND	13.2	—
		3	<10	ND	ND	ND	ND	ND	6.9	—
		5	<10	ND	ND	ND	ND	ND	5.6	—
TTB9-1	9	Surface	<10	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	390
		10	<10	ND	ND	ND	ND	—	—	390
TTB9-2	9	Surface	<10	ND	ND	ND	ND	ND	ND	—
		3	<10	ND	ND	ND	ND	—	ND	—
		5	130	ND	ND	ND	ND	—	6.1	—
		10	<10	ND	ND	ND	ND	ND	ND	—
TTB9-3	9	Surface	<10	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	100	ND	ND	ND	ND	—	—	880
		10	<10	ND	ND	ND	ND	—	—	ND
TTB9-4	9	Surface	<10	ND	10	520	1,280	—	1874.2	—
		3	100	ND	ND	31	171	—	215.6	—
		5	<10	ND	ND	ND	9	—	15.4	—
		10	<10	ND	ND	ND	ND	—	ND	—
TTB10-1	10	Surface	<10	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	490
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
		15	<10	ND	ND	ND	ND	—	—	ND

BORING NUMBER	BENT	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	TOTAL XYLENES	PCB	VOC	SVOC
TTB10-2	10	Surface	<10	ND	18	13	80	0.08	118.4	—
		3	310	ND	ND	ND	ND	ND	5.6	—
		5	<10	ND	ND	ND	ND	ND	5.6	—
		10	<10	ND	ND	ND	ND	ND	ND	—
TTB11-1	11	Surface	<10	ND	ND	ND	ND	—	—	ND
		3	70	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	740
TTB11-2	11	Surface	140	ND	ND	ND	ND	ND	ND	—
		3	40	ND	ND	ND	ND	ND	ND	—
		5	<10	ND	ND	ND	ND	ND	ND	—
		10	<10	ND	ND	ND	ND	ND	ND	—
TTB12-1	12	Surface	90	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
TTB12-2	12	Surface	100	ND	6.4	30	229	ND	730.2	—
		3	100	ND	ND	ND	5	ND	10.7	—
		5	<10	ND	ND	ND	20.4	ND	25.9	—
		10	<10	ND	ND	ND	ND	ND	ND	—
TTB13-1	13	Surface	110	ND	ND	ND	ND	—	—	3,850
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
TTB13-2	13	Surface	<10	ND	ND	ND	ND	0.054 (1254)	—	—
		3	40	ND	ND	ND	ND	ND	—	—
		5	<10	ND	ND	ND	ND	—	5.8	—
		10	<10	ND	ND	ND	ND	ND	5.6	—
TTB14-1	14	Surface	<10	ND	ND	ND	21	—	—	760
		3	350	ND	ND	ND	17	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
TTB14-2	14	Surface	160	ND	ND	ND	ND	ND	5.8	—
		3	40	ND	ND	ND	ND	ND	5.4	—
		5	60	ND	ND	ND	ND	ND	ND	—
		10	<10	ND	ND	ND	ND	ND	6	—
TTB15-1	15	Surface	60	ND	ND	ND	ND	—	—	ND
		3	150	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
TTB15-2	15	Surface	<10	ND	ND	ND	ND	ND	27.4	—
		3	30	ND	ND	ND	ND	ND	77.6	—
		5	<10	ND	ND	ND	ND	ND	5.6	—
		10	<10	ND	ND	ND	ND	ND	5.6	—
TTB16-1	16	Surface	<10	ND	ND	ND	ND	—	—	—
		3	100	ND	ND	ND	ND	—	—	—
		5	<10	ND	ND	ND	ND	—	—	—
		10	<10	ND	ND	ND	ND	—	—	—
TTB16-2	16	Surface	210	ND	ND	ND	ND	—	—	ND
		3	210	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
TTB16-3	16	Surface	<10	ND	ND	ND	ND	ND	5.6	—
		3	<10	ND	ND	ND	ND	ND	83.7	—
		5	<10	—	—	—	—	ND	—	—
		10	<10	—	—	—	—	ND	—	—
TTB17-1	17	Surface	<10	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
TTB17-2	17	Surface	90	ND	ND	ND	20.6	ND	20.6	—
		3	<10	ND	ND	ND	ND	ND	ND	—
		5	<10	ND	ND	ND	ND	ND	ND	—
		10	<10	ND	ND	ND	ND	ND	ND	—

BORING NUMBER	BENT	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	TOTAL XYLENES	PCB	VOC	SVOC
TTBDD-1	DD	Surface	<10	ND	ND	ND	ND	—	—	ND
		3	780	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
TTBDD-2	DD	Surface	<10	ND	ND	ND	31	ND	31	—
		3	<10	ND	ND	ND	ND	ND	ND	—
		5	<10	ND	ND	ND	ND	ND	ND	—
		10	<10	ND	ND	ND	ND	ND	ND	—
TTBCC-1	CC	Surface	<10	ND	ND	ND	ND	—	—	350
		3	<10	ND	ND	ND	ND	—	—	380
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	—
TTBCC-2	CC	Surface	220	ND	ND	ND	ND	ND	ND	—
		3	<10	ND	ND	ND	ND	ND	ND	—
		5	<10	ND	ND	ND	ND	ND	ND	—
TTBBB-1	BB	Surface	<10	ND	ND	ND	ND	—	—	370
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
TTBBB-2	BB	Surface	<10	ND	ND	ND	ND	ND	ND	—
		3	10	ND	ND	ND	ND	ND	ND	—
		5	<10	ND	ND	ND	ND	ND	ND	—
		10	<10	ND	ND	ND	ND	ND	—	—
TTBAA-1	AA	Surface	270	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	330
		5	<10	ND	ND	ND	ND	—	—	360
		10	<10	ND	ND	ND	ND	—	—	10,890
		20	—	—	—	—	—	—	—	ND
		25	—	—	—	—	—	—	—	ND
TTBAA-2	AA	Surface	<10	ND	ND	ND	ND	—	—	—
		3	<10	ND	ND	ND	ND	ND	—	—
		5	<10	ND	ND	ND	ND	ND	ND	—
		10	<10	ND	ND	NO	10	ND	10	—
TTBZ-1	Z	Surface	<10	ND	ND	ND	ND	—	—	ND
		3	520	ND	ND	ND	ND	—	—	10,470
		5	40	ND	ND	ND	ND	—	—	1,200
		10	<10	ND	ND	ND	ND	—	—	ND
TTBZ-2	Z	Surface	<10	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	4,120
		10	<10	ND	ND	ND	ND	—	—	3844
TTBY-1	Y	Surface	<10	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
TTBY-2	Y	Surface	<10	ND	ND	ND	ND	ND	—	—
		3	<10	ND	ND	ND	ND	ND	—	—
		5	<10	ND	ND	ND	ND	ND	—	—
		10	<10	ND	ND	ND	ND	ND	ND	—
TTBX-1	X	Surface	<10	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	2,040
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
TTBX-2	X	Surface	<10	ND	ND	ND	ND	ND	ND	—
		3	<10	ND	ND	ND	ND	ND	ND	—
		5	<10	ND	ND	ND	ND	ND	ND	—
		10	<10	ND	ND	ND	ND	ND	ND	—
TTBU-1	U	Surface	<10	ND	ND	ND	ND	—	ND	—
		3	<10	ND	ND	ND	ND	—	ND	—
		5	<10	ND	ND	ND	ND	—	ND	—

BORING NUMBER	BENT	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	TOTAL XYLENES	PCB	VOC	SVOC
TTBU-3	U	Surface	<10	ND	ND	ND	ND	ND	ND	—
		3	<10	ND	ND	ND	ND	ND	ND	—
		5	<10	ND	ND	NO	ND	ND	ND	—
		10	<10	ND	ND	NO	ND	ND	ND	—
TTBS-1	S	Surface	<10	ND	ND	NO	ND	—	—	560
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	1,960
		10	<10	ND	ND	ND	ND	—	—	ND
TTBS-2	S	Surface	<10	ND	ND	ND	ND	ND	ND	—
		3	<10	ND	ND	ND	ND	ND	ND	—
		5	<10	ND	ND	ND	ND	ND	ND	—
		10	<10	ND	ND	ND	ND	ND	ND	—
TTBR-1	R	Surface	110	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
TTBR-2	R	Surface	<10	ND	ND	ND	ND	—	—	1,700
		3	<10	ND	ND	ND	ND	—	—	1,080
		5	<10	ND	ND	ND	ND	—	—	3,990
		10	<10	ND	ND	ND	NO	—	—	NO
TTBQ-1	Q	Surface	<10	ND	ND	ND	ND	ND	ND	ND
		3	<10	ND	ND	ND	ND	ND	ND	ND
		5	<10	ND	ND	ND	ND	ND	ND	ND
		10	<10	ND	ND	ND	ND	ND	ND	ND
TTBN-1	N	Surface	<10	ND	ND	ND	ND	ND	ND	ND
		3	<10	ND	ND	ND	ND	ND	ND	ND
		5	<10	ND	ND	ND	ND	ND	ND	ND
		10	<10	—	—	—	—	ND	—	ND
TTB69-1	69	Surface	230	ND	ND	ND	ND	—	—	350
		3	<10	ND	ND	ND	ND	—	—	NO
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
TTB69-2	69	Surface	60	ND	ND	ND	ND	ND	ND	—
		3	<10	ND	ND	ND	ND	ND	ND	—
		5	<10	ND	ND	ND	ND	ND	ND	—
TTB69-3	69	Surface	<10	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	NO	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
TTB69-4	69	Surface	120	ND	ND	ND	ND	—	ND	—
		3	<10	ND	ND	ND	NO	—	ND	—
		5	<10	ND	ND	ND	NO	—	ND	—
		10	<10	ND	ND	ND	ND	—	ND	—
TTB68-1	68	Surface	40	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
TTB68-2	68	Surface	120	ND	ND	ND	ND	ND	ND	—
		3	<10	ND	ND	ND	NO	ND	ND	—
		5	<10	ND	ND	ND	ND	ND	ND	—
		10	<10	ND	ND	ND	ND	ND	ND	—
TTB68-3	68	Surface	90	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
TTB68-4	68	Surface	80	ND	ND	ND	ND	—	ND	—
		3	<10	ND	ND	ND	ND	—	NO	—
		5	40	ND	ND	ND	ND	—	ND	—
		10	<10	ND	ND	NO	NO	—	ND	—
TTB67-1	67	Surface	110	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	NO	NO	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND

BORING NUMBER	BENT	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	TOTAL XYLENES	PCB	VOC	SVOC
TTB67-2	67	Surface	390	ND	ND	ND	ND	ND	—	—
		3	<10	ND	ND	ND	ND	ND	—	—
		5	<10	ND	ND	ND	ND	ND	—	—
		10	<10	ND	ND	ND	ND	ND	ND	—
TTB67-3	67	Surface	90	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
TTB67-4	67	Surface	110	ND	ND	ND	ND	—	ND	—
		3	<10	ND	ND	ND	ND	—	ND	—
		5	<10	ND	ND	ND	ND	—	ND	—
		10	<10	ND	ND	ND	ND	—	ND	—
TTB66-1	66	Surface	100	ND	ND	ND	ND	—	—	430
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	410
TTB66-2	66	Surface	50	ND	ND	ND	ND	ND	ND	—
		3	—	ND	ND	ND	ND	ND	ND	—
		5	<10	ND	ND	ND	ND	ND	14	—
TTB66-3	66	Surface	<10	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
TTB66-4	66	Surface	<10	ND	ND	ND	ND	—	ND	—
		3	<10	ND	ND	ND	ND	—	ND	—
		5	—	ND	ND	ND	ND	—	ND	—
		10	—	ND	ND	ND	ND	—	ND	—
TTB65-1	65	Surface	<10	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	420
		10	<10	ND	ND	ND	ND	—	—	—
TTB65-2	65	Surface	<10	ND	ND	ND	ND	ND	ND	—
		3	<10	ND	ND	ND	ND	ND	ND	—
		5	<10	ND	ND	ND	ND	ND	ND	—
TTB65-3	65	Surface	50	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	4,170
		5	<10	ND	ND	ND	ND	—	—	ND
TTB65-4	65	Surface	<10	ND	ND	ND	ND	—	ND	—
		3	<10	ND	ND	ND	ND	—	ND	—
		5	<10	ND	ND	ND	ND	—	ND	—
TTB64-1	64	Surface	<10	ND	ND	ND	ND	—	ND	—
		3	<10	ND	ND	ND	ND	—	ND	—
		5	<10	ND	ND	ND	ND	—	ND	—
TTB64-2	64	Surface	40	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
TTB64-3	64	Surface	<10	ND	ND	ND	ND	ND	ND	—
		3	<10	ND	ND	ND	ND	ND	ND	—
		5	<10	ND	ND	ND	ND	ND	ND	—
TTB63-1	63	Surface	230	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
TTB63-2	63	Surface	<10	ND	ND	ND	ND	ND	ND	—
		3	<10	ND	ND	ND	ND	ND	ND	—
		5	<10	ND	ND	ND	ND	ND	ND	—
TTB63-3	63	Surface	<10	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	—
TTB63-4	63	Surface	<10	ND	ND	ND	ND	—	ND	—
		3	<10	ND	ND	ND	ND	—	1,700	—
		5	70	ND	ND	ND	ND	—	ND	—

BORING NUMBER	BENT	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	TOTAL XYLENES	PCB	VOC	SVOC
TTB62-1	62	Surface	380	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	ND
		10	<10	ND	ND	ND	ND	—	—	ND
TTB62-2	62	Surface	50	ND	ND	ND	27.7	0.057 (1254)	27.7	—
		3	<10	ND	ND	ND	ND	ND	ND	—
		5	<10	ND	ND	ND	ND	ND	ND	—
TTB62-3	62	Surface	170	ND	ND	ND	ND	—	—	ND
		3	<10	ND	ND	ND	ND	—	—	ND
		5	<10	ND	ND	ND	ND	—	—	—
TTB62-4	62	Surface	<10	ND	ND	ND	ND	—	—	—
		3	<10	ND	ND	ND	ND	—	ND	—
		5	<10	ND	ND	ND	ND	—	—	—
		10	<10	ND	ND	ND	ND	—	ND	—

Notes:

All concentrations are presented in milligrams per kilogram unless noted

Sample depth is presented in feet below ground surface

ND = Not Detected

— = Not Analyzed

TPH-S = Total Petroleum Hydrocarbon Speciation

VOC = Total of Volatile Organic Compounds Detected (presented in micrograms per kilogram)

VOC concentrations do not include acetone and methylene chloride, as these are common laboratory contaminants.

SVOC = Total of Semi-Volatile Organic Compounds Detected (presented in micrograms per kilogram)

SVOC concentrations do not include phthalate compounds, as these are common laboratory contaminants.

PCB = Total of Polychlorinated Biphenyls compounds detected (type of PCB in parentheses)

TABLE 31

SUMMARY OF ANALYTICAL RESULTS: VOC COMPOUNDS
SEISMIC RETROFIT OF THE TRANSBAY TERMINAL
PERMENANT AND TEMPORARY COLUMNS

Boring	Depth	2-Butanone	n-Butylbenzene	sec-Butylbenzene	Carbon disulfide	Ethanol	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Styrene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes	Total VOCs
TB2-2	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.6	ND	ND	ND	ND	ND	ND	6.6
TB2-2	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.7	ND	ND	ND	ND	ND	ND	6.7
TB2-2	5	35	ND	ND	ND	ND	ND	ND	ND	ND	6.6	ND	ND	ND	ND	ND	ND	41.6
TB3-2	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.2	ND	ND	ND	ND	ND	ND	6.2
TB3-2	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.2	ND	ND	ND	ND	ND	ND	6.2
TB3-2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.4	ND	ND	ND	ND	ND	ND	7.4
TB4-2	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.3	ND	ND	ND	ND	ND	ND	6.3
TB7-2	S	ND	ND	ND	ND	ND	150	ND	ND	ND	6.9	ND	7.5	19	12	ND	2,660	2,855.40
TB7-2	3	ND	ND	ND	ND	ND	9.8	ND	ND	ND	6.8	ND	ND	4.2	ND	ND	62	82.8
TB7-2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.5	ND	ND	ND	ND	ND	ND	6.5
TB8-1	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.9	ND	ND	ND	ND	ND	23.5	32.4
TB8-1	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	ND	ND	ND	5.6
TB8-1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	ND	ND	ND	ND	ND	ND	5.5
TB8-3	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.2	ND	ND	ND	ND	5	ND	13.2
TB8-3	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.9	ND	ND	ND	ND	ND	ND	6.9
TB8-3	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	ND	ND	ND	5.6
TB9-2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.1	ND	ND	ND	ND	ND	ND	6.1
TB9-4	S	ND	ND	ND	ND	ND	520	12	ND	ND	7.4	11	19	10	9	5.8	1,280	1,874.20
TB9-4	3	ND	ND	ND	ND	ND	31	ND	ND	ND	18	ND	ND	ND	5	8.6	171	215.6
TB9-4	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.4	ND	ND	ND	ND	ND	9	15.4
TB10-2	S	ND	ND	ND	ND	ND	13	ND	ND	ND	7.4	ND	ND	18	ND	ND	80	118.4
TB10-2	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	ND	ND	ND	5.6
TB10-2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	ND	ND	ND	5.6

TABLE 31

SUMMARY OF ANALYTICAL RESULTS: VOC COMPOUNDS
SEISMIC RETROFIT OF THE TRANSBAY TERMINAL
PERMENANT AND TEMPORARY COLUMNS

Boring	Depth	2-Butanone	n-Butylbenzene	sec-Butylbenzene	Carbon disulfide	Ethanol	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Styrene	Toluene	1,2,3-Trimethylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes	Total VOCs
TTB12-2	S	ND	5.8	17	ND	ND	30	27	150	9	25	ND	6.4	130	110	229	739.2	
TTB12-2	3	ND	ND	ND	ND	ND	ND	ND	ND	5.7	ND	ND	ND	ND	ND	5	10.7	
TTB12-2	5	ND	ND	ND	ND	ND	ND	ND	ND	5.5	ND	ND	ND	ND	ND	20.4	25.9	
TTB13-2	5	ND	ND	ND	ND	ND	ND	ND	ND	5.8	ND	ND	ND	ND	ND	ND	5.8	
TTB13-2	10	ND	ND	ND	ND	ND	ND	ND	ND	5.5	ND	ND	ND	ND	ND	ND	5.6	
TTB14-2	S	ND	ND	ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	ND	ND	ND	5.6	
TTB14-2	3	ND	ND	ND	ND	ND	ND	ND	ND	5.4	ND	ND	ND	ND	ND	ND	5.4	
TTB14-2	10	ND	ND	ND	ND	ND	ND	ND	ND	6	ND	ND	ND	ND	ND	ND	6	
TTB15-2	S	ND	ND	ND	ND	ND	ND	ND	ND	5.9	ND	ND	ND	ND	ND	22.5	27.4	
TTB15-2	3	ND	ND	ND	72	ND	ND	ND	ND	5.6	ND	ND	ND	ND	ND	ND	77.6	
TTB15-2	5	ND	ND	ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	ND	ND	ND	5.6	
TTB15-2	10	ND	ND	ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	ND	ND	ND	5.6	
TTB16-3	S	ND	ND	ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	ND	ND	ND	5.6	
TTB16-3	3	ND	ND	ND	78	ND	ND	ND	ND	5.7	ND	ND	ND	ND	ND	ND	83.7	
TTd17-2	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.6	20.6	
TTBDD-2	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31	31	
TTBAA-2	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	10	
TTB66-2	5	ND	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	14	
TTB63-4	3	ND	ND	ND	ND	1,700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,700	
TTB62 2	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.7	27.7	

Notes:

Depth is in feet below ground surface

S= Surface

ND = Not detected at or above the laboratory detection limits stated in laboratory reports.

All samples are reported in micrograms per kilogram (ug/kg).

TABLE 32

SUMMARY OF ANALYTICAL RESULTS: SVOC COMPOUNDS
SEISMIC RETROFIT OF THE TRANSBAY TERMINAL
PERMENANT AND TEMPORARY COLUMNS

Boring	Depth	Acenaphthene	Anthracene	Benz(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Chrysene	Dibenz(ah)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Pyrene	Dibenzofuran	Phenol	Total SVOCs
PRG		2,800,000	22,000,000	3,600	3,600	36,000	360	360,000	360	37,000,000	22,000,000	3,600	190,000	28,000,000	3,200,000	100,000,000	
TTB2-1	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	470	470
TTB2-1	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	410	410
TTB2-1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	650	650
TTB3-1	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	350	350
TTB3-1	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	420	420
TTB3-1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	350	350
TTB4-1	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	520	520
TTB9-1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	390	390
TTB9-1	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	390	390
TTB9-3	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	880	880
TTB10-1	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	490	490
TTB11-1	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	740	740
TTB13-1	Surface	ND	ND	380	ND	ND	480	590	ND	610	ND	ND	ND	1,200	ND	ND	3,850
TTB14-1	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	760	760
TTBCC-1	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	350	350
TTBCC-1	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380	380
TTBBH-1	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	370	ND	ND	370
TTBAA-1	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	330	ND	ND	330
TTBAA-1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	360	ND	ND	360
TTBAA-1	10	ND	ND	1,300	1,800	590	1,300	1,400	ND	1,500	ND	ND	ND	2,200	ND	ND	10,890
TTBZ-1	3	ND	490	830	750	530	ND	970	ND	1,100	ND	ND	ND	2,600	ND	ND	10,470
TTBZ-1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,200	ND	ND	1,200

Boring	Depth	Acenaphthene	Anthracene	Benz(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Chrysene	Dibenz(ah)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	PAHs	Phenanthrene	Pyrene	Total SVOCs
TTBZ-2	5	ND	ND	470	620	330	440	520	ND	360	ND	ND	ND	1,400	ND	ND	4,120
TTBZ-2	10	ND	ND	380	440	ND	370	420	ND	550	ND	ND	ND	830	ND	ND	2,990
TTBX-1	3	ND	ND	ND	490	ND	370	360	ND	ND	ND	ND	ND	820	ND	ND	2,040
TTBS-1	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	560	560
TTBS-1	5	ND	ND	ND	ND	ND	ND	ND	ND	460	ND	ND	ND	880	ND	ND	1,960
TTBR-2	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,700	1,700
TTBR-2	3	ND	ND	ND	330	ND	330	ND	ND	ND	ND	ND	ND	ND	ND	420	1,080
TTBR-2	5	ND	ND	530	460	450	ND	520	ND	720	ND	ND	ND	970	ND	ND	3,990
TTB69-1	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	350	350
TTB66-1	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	430	430
TTB66-1	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	410	ND	ND	410
TTB65-1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	420	ND	ND	420
TTB65-3	3	ND	ND	430	440	ND	380	420	ND	730	ND	ND	ND	1,100	ND	ND	4,170

Notes:

PRG=Preliminary Remedial Goal as stated for Industrial Soil (US EPA Region IX).

Depth is presented in feet below ground surface

All detected SVOC compounds with a published PRG are presented in this table. Total SVOCs includes compounds that do not have a published PRG.

ND = Not detected at or above the laboratory detection limits stated in laboratory reports.

All samples are reported as total concentration in micrograms per kilogram (ug/kg).

Results in bold type are above their respective PRG for that compound.

TABLE 33

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS: METALS
SEISMIC RETROFIT OF THE TRANSBAY TERMINAL
SAN FRANCISCO - OAKLAND BAY BRIDGE

SAMPLE	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TTB2-2-W	<0.1	<0.1	<0.2	<0.01	<0.01	<0.01	<0.02	<0.05	<0.02	<0.0002	<0.05	<0.01	<0.05	<0.01	<0.1	<0.01	<0.2
TTBX-2 W	<0.13	<0.13	<0.25	<0.013	<0.013	<0.013	<0.025	<0.063	<.038	<0.0002	<0.063	0.02	<0.0625	<0.013	<0.13	<0.013	<0.25
WTTBQ-1	<0.13	<0.13	<0.25	<0.013	<0.013	<0.013	<0.25	<0.063	<0.038	0.0004	<0.063	<0.013	<0.063	<0.013	<0.13	<0.013	<0.25
WTTB69-1	<0.13	0.13	<0.25	<0.013	<0.013	<0.013	<0.025	<0.0625	<0.025	<0.0002	<0.0625	<0.013	<0.0625	<0.013	<0.13	<0.013	<0.25
TTB69 4-W	<0.13	<0.13	<0.25	<0.013	<0.013	<0.013	<0.025	<0.063	<0.025	<0.0002	<0.063	<0.25	<0.063	<0.013	<0.13	<0.013	<0.25
WTTB64-1	<0.13	0.2	<0.25	<0.013	<0.013	<0.013	<0.25	<0.063	<0.038	0.0003	<0.063	<0.013	<0.063	<0.013	<0.13	<0.013	<0.25

Notes:
<0.01 = not detected at or above the laboratory detection limits
Metals are designated by their symbol on the periodic table of elements.
All samples are reported as total concentration in milligrams per liter (mg/l), unless indicated.
TTB2-2-W – Sample Location-Boring Number-Water Sample
WTTBQ-1 = Water Sample, Sample Location - Boring Number

TABLE 34

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS: ORGANICS
SEISMIC RETROFIT OF THE TRANSBAY TERMINAL

BORING	TPH-S	1,1 DCA	1,1 DCE	1,1,1 TCA	XYLENES	PCB	Acenaphthene
TTB2-2-W	ND	ND	ND	ND	ND	ND	ND
TTBX-2-W	ND	ND	ND	ND	ND	ND	ND
WTTBQ-1	ND	ND	ND	ND	ND	ND	ND
WTTB69-1	ND	ND	ND	ND	ND	ND	13
TTB69-4-W	ND	ND	ND	ND	1.6	ND	16
WTTB54-1	ND	6.1	12	53	ND	ND	ND

Notes:
TPH-S = Total Petroloum Hydocarbon Speciation
1,1 DCA = 1,1 Dichoroethane
1,1 DCE = 1,1 Dichloroethene
1,1,1 TCA = 1,1,1 Trichloroethane
PCB = Polychlorinated Biphenyls
ND = Not Detected
All other VOC and SVOC compounds were not detected
All samples are reported as total concentration in micrograms per liter (ug/l), unless indicated.
TTB2-2-W = Sample Location-Boring Number-Water Sample
WTTBQ-1 = Water Sample, Sample Location - Boring Number

SITE INVESTIGATION REPORT
VOLUME 2 (APPENDIX A & B)

WEST APPROACH PROJECT INCLUDING
TRANSBAY TERMINAL LOOP
SAN FRANCISCO, CALIFORNIA

prepared for

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
111 Grand Avenue
Oakland, California

Task Order Number: 04-133331-DC
EA Number: 133331

prepared by

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
Environmental Engineering Branch

&

Professional Service Industries, Inc.
1320 West Winton Avenue
Hayward, California 94545
(510) 785-1111

June, 1999
575-8G001

APPENDIX A

FIELD PROCEDURES

APPENDIX A
FIELD PROCEDURES

I. DRILLING OF SOIL BORINGS AND COLLECTION OF SOIL SAMPLES

The following procedures were used for the drilling and sampling of the soil borings drilled at the site:

1. Drilling was conducted by V&W Drilling under the supervision of PSI. Augers were pressure washed at the beginning of the day and between soil borings.

2. Prior to the commencement of drilling activities at the site, Underground Service Alert (USA) was contacted to identify underground utilities in the areas that the borings were located.

3. Boring logs for the soil borings drilled at the site were prepared under the supervision of a State of California Registered Geologist. The soil cuttings observed during drilling were described in accordance with the Unified Soil Classification System.

4. A split-sample barrel was used for the collection of soil samples. Soil samples were collected by driving the sampler approximately 0.3 meters (1.5-feet) into the bottom of the soil boring through the center of the drilling bit. Three stainless steel rings were placed in the split-sample barrel prior to sample collection.

5. The ends of the sample tubes were covered with Teflon sheets and capped with polyvinyl chloride (PVC) end caps. The sample were labeled and placed in a zip-lock bag in a chilled cooler pending delivery to the laboratory for analysis.

6. Soil samples were assigned identification numbers such as B77-1-5, where B77 indicates the pier number, the 1 indicated the number of the boring at that pier, and -5 indicates that the sample was collected at 5 feet bgs. The samples were labeled with the sampling designation, depth, date, client name, and project number.

7. Soil samplers were washed between sampling intervals with Alconox soap followed by two deionized-water rinses.

8. Chain-of-custody procedures using chain-of-custody forms were used to document sample handling and transportation.

9. A Century 128 organic vapor analyzer (OVA) was used to monitor volatile organic compounds (VOCs) in the ambient air during drilling at the site in accordance with the site health and safety plan. VOC concentrations in the soil were measured and

recorded on the borings logs for depths that soil samples were collected. VOCs in the soil were measured at the sampling depths by partially filling a zip-loc bag with soil. The components of the soil were allowed to volatilize and fill the headspace in the tube for approximately 30 minutes prior to inserting the OVA probe through one of the end caps and recording the measurements.

10. Soil cuttings and steam wash water generated during drilling activities at the site were contained in Department of Transportation (DOT) approved 55-gallon drums. The drums were labeled with the contents, date, well or boring number, client name, and project number.

II FIELD DOCUMENTATION OF SAMPLING PROCEDURES

The following outline describes the procedures adhered by PSI for proper sampling documentation.

1. Sampling procedures were documented in a field notebook that will contain:

    1. Sample collection procedures
    2. Date and time of collection
    3. Date of shipping
    4. Sample collection location
    5. Sample identification number(s)
    6. Intended analysis
    7. Quality control samples
    8. Sample preservation
    9. Name of sampler
    10. Any pertinent observations

2. Samples were labeled with the following information:

    1. Sample number
    2. Well number
    3. Date and time sample was collected
    4. Sampler's name
    5. Sample preservatives (if required)

3. The following is the sample designation system for the site:

   For Borings and Hand-Auger Borings the samples will be labeled (Project Type) (Bent Number) (Boring Number) (Depth)

   Project types are T = Permanent or Temporary Column; D = Demolition Column; R = Retrofit Columns, L = Landscaping, B = Retaining Wall. An H will be added to the T for borings along Harrison Street, and an F will be added to the T for borings along the Fremont off-ramp

   (I.e., a sample collected for the permanent or temporary columns from boring 1 at Bent 5 at 5 feet bgs would be T5-1-5)

   For groundwater samples (W) (Column Number)-(Boring Number) (i.e. W5-1)

4. Handling of the samples were recorded on a chain of custody form which shall include:

   1. Site name
   2. Signature of Collector
   3. Date and time of collection
   4. Sample identification number
   5. Number of containers in sample set
   6. Description of sample and container
   7. Name and signature of persons, and the companies or agencies they represent, who are involved in the chain of possession
   8. Inclusive dates and times of possession
   9. Analyses to be completed

III SOIL SAMPLING USING A DRIVE SAMPLER

The following outline describes the procedures utilized by PSI for soil sampling utilizing a hand auger.

1. The clean sampler was lined with one clean, stainless steel tube and advanced to a specified depth where a soil sample was obtained by driving the sampler into the soil with the drive hammer.

2. The tube was removed from the sampler. The ends of the sample tubes were covered with Teflon sheets and capped with polyvinyl chloride (PVC) end caps. The sample were labeled and placed in a zip-lock bag, recorded on a Chain-of-Custody record and placed in a chilled cooler prior to delivery to the laboratory for analysis.

IV. GROUND-WATER SAMPLING

The following procedures were used for ground water sampling:

1. All equipment was washed prior to sampling with an Alconox solution, followed by two tap water rinses and a deionized water rinse.

2. Water samples were collected with a polyethylene disposable bailer. The water collected were immediately decanted into laboratory-supplied vials and bottles. The containers were overfilled, capped, labeled, and placed in a chilled cooler, prior to delivery to the laboratory for analysis.

3. Chain-of-custody procedures, including chain-of-custody forms, were used to document water sample handling and transport from collection to delivery to the laboratory for analysis.

4. Ground-water samples were delivered to a State-certified hazardous waste laboratory within approximately 24 hours of collection.

V BACKFILL OF SOIL BORINGS

The following procedures were used to backfill the soil borings at the site:

1. Soil borings were backfilled to grade with Portland cement slurry.

APPENDIX B

BORING LOGS

SOIL BORING LOG

BORING NO:	L1
SHEET 1	OF 1

PROJECT NAME:	CALTRAN$ $FW		
PROJECT NUMBER:	8G001	DATE:	5\6\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	HAND AUGER		
BORING DIAMETER:	2 INCHES	DEPTH:	2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BG$

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	L1-1	8 IN			Well graded gravel with sand, fine to coarse sand, fine gravel, dark brown, dry to moist.		GW	
1								
2	L1-2.0	8 IN						
3								Total depth 2 feet.
4								Boring completed at depth sufficient for investigation.
5								Backfilled with Bentonite pellets.
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	L2
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001	DATE:	5\6\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	HAND AUGER		
BORING DIAMETER:	2 INCHES	DEPTH:	2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	L2-1	6 IN			Well graded gravel with sand, fine to coarse sand, fine gravel, dark brown, dry to moist.		GW	
2	L2 2-0	6 IN						
3								Total depth 2 feet.
4								Boring completed at depth sufficient for investigation.
5								Backfilled with Bentonite pellets.
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: L3
SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW
PROJECT NUMBER: 8G001 DATE: 5\6\98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: HAND AUGER
BORING DIAMETER: 2 INCHES DEPTH: 2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	L-1	6 IN			Well graded gravel with sand, fine to coarse sand, fine gravel, dark brown, dry to moist, some cobbles.		GW	
2	L-2	6 IN						
3								Total depth 2 feet.
4								Boring completed at depth sufficient for investigation.
5								Backfilled with Bentonite pellets.
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LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO:	L4
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001	DATE:	5\6\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	HAND AUGER		
BORING DIAMETER:	2 INCHES	DEPTH:	2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	L4-S	6 IN			Well graded gravel with sand, fine to coarse sand, fine gravel, dark brown, dry to moist.		GW	
1								
2	L4-2.0	6 IN						Shale\fine sandstone at 2 feet.
3								Total depth 2 feet.
4								Boring completed at depth sufficient for investigation.
5								Backfilled with Bentonite pellets.
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: L5
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001	DATE:	5\6\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	HAND AUGER		
BORING DIAMETER:	2 INCHES	DEPTH:	2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	L5-1	6 IN			Well graded gravel with sand, fine to coarse sand, fine gravel, dark brown, dry to moist,		GW	Organic material on surface.
2	L5-2	6 IN						
3								Total depth 2 feet.
4								Boring completed at depth sufficient for investigation.
5								Backfilled with Bentonite pellets.
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	L6
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001	DATE:	5\6\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	HAND AUGER		
BORING DIAMETER:	2 INCHES	DEPTH:	2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	L6-1	6 IN			Well graded gravel with sand, fine to coarse sand, fine gravel, dark brown, dry to moist, some cobbles.		GW	
2	L6-2	6 IN						
3								Total depth 2 feet.
4								Boring completed at depth sufficent for investigation.
5								Backfilled with Bentonite pellets.
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	L7
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001	DATE:	5\6\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	HAND AUGER		
BORING DIAMETER:	2 INCHES	DEPTH:	2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	L7-S	8 IN			Well graded gravel with sand, fine to coarse sand, fine to medium gravel, brown, dry to moist.		GW	Approximately 50% concrete debris. Refusal at 1 foot.
2								Total depth 1 foot. Refusal at 1 foot. Backfilled with Bentonite pellets.
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	L8
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001	DATE:	5\7\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	HAND AUGER		
BORING DIAMETER:	2 INCHES	DEPTH:	2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	L8-1	6 IN			Silty sand, fine to medium sand, dark brown, moist, trace clay.		SM	
1								
2	L8-2	6 IN						
3								Total depth 2 feet.
4								Boring completed at depth sufficient for investigation.
5								Backfilled with Bentonite pellets.
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LOGGED BY: Chris Marratt

P:\transtev\adm mtgs\8g001sfw\L8

SOIL BORING LOG

BORING NO:	L9
SHEET 1 OF 1	

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001	DATE:	5\7\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	HAND AUGER		
BORING DIAMETER:	2 INCHES	DEPTH:	2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	L9-1	6 IN			Poorly graded sand, fine to medium, dark brown.		SP	
2	L9-2	6 IN			Poorly graded snd, medium, light brown, moist, trace fines.			
3								Total depth 2 feet.
4								Boring completed at depth sufficient for investigation.
5								Backfilled with Bentonite pellets.
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	L10
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001	DATE:	5\7\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	HAND AUGER		
BORING DIAMETER:	2 INCHES	DEPTH:	2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	L10-1	6 IN			Poorly graded sand, fine to medium, dark brown,		SP	<50% organics\wood chips.
1								
2	L10-2	6 IN			Poorly graded sand, medium, light brown, moist, trace fines.			
3								Total depth 2 feet.
4								Boring completed at depth sufficient for investigation.
5								Backfilled with Bentonite pellets.
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: L11
SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW
PROJECT NUMBER: 8G001 DATE: 5\7\98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: HAND AUGER
BORING DIAMETER: 2 INCHES DEPTH: 2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	L11-1	6 IN			Poorly graded sand, medium, gray, moist.		SP	Fabric layer penetrated to obtain sample.
2	L11-2	6 IN						
3								Total depth 2 feet.
4								Boring completed at depth sufficient for investigation.
5								Backfilled with Bentonite pellets.
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

F:\projects\caltrans\forms\8g001\wp\L11

SOIL BORING LOG

BORING NO:	L12
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001	DATE:	5\7\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	HAND AUGER		
BORING DIAMETER:	2 INCHES	DEPTH:	2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	L12-S	6 IN			Well graded sand, fine to medium, trace fines.		SW	
2	L12-2	9 IN						
3								Total depth 2 feet.
4								Boring completed at depth sufficient for investigation.
5								Backfilled with Bentonite pellets.
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	L13
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001	DATE:	5\7\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	HAND AUGER		
BORING DIAMETER:	2 INCHES	DEPTH:	2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	L13-1	6 IN			Well graded sand, medium, dark brown, moist.		SW	
1								
2					Well graded sand, fine to medium, gray, moist.			
	L13-2	6 IN						
3								Total depth 2 feet.
4								Boring completed at depth sufficient for investigation.
5								Backfilled with Bentonite pellets.
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	L14
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001	DATE:	5\7\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	HAND AUGER		
BORING DIAMETER:	2 INCHES	DEPTH:	2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	L14-1	8 IN			Well graded sand, medium, gray, dry to moist.		SW	
2	L14-2	9 IN						
3								Total depth 2 feet.
4								Boring completed at depth sufficient for investigation.
5								Backfilled with Bentonite pellets.
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	L15
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	9G001	DATE:	2\6\99
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	HAND AUGER		
BORING DIAMETER:	2 INCHES	DEPTH:	2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	L15-1	8 IN			Well graded sand, medium, gray, dry to moist.		SW	
1								
2	L15-2	8 IN						
3								Total depth 2 feet,
4								Boring completed at depth sufficient for
5								investigation.
6								Backfilled with Bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								

LOGGED BY: Chris Merritt

SOIL BORING LOG

DATE: 2/27/98	PROJECT NAME: CALTRANS SAN RAFAEL BRIDGE	BORING NO: B1	
		SHEET 1 OF 1	
		PROJECT NO: 575-8G001	

DRILLING CO: V&W DRILLING, RIO VISTA, CALIFORNIA
DRILL CREW:
DRILLING METHOD: HOLLOW STEM AUGER, MOBILE B-61
BORING DIMENSIONS: 8-INCH DIAMETER DEPTH 19.5 FEE

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
2/27/98	STABILIZED	12.5 feet

DEPTH (feet)	SAMPLE NO.		BLOW COUNTS	DESCRIPTION	PID □ (PPM)	USCS	REMARKS
	B-66-B1-SUR			Well graded sand with gravel, fine to coarse gravel, black, moist, trace fines.		SW	
			7				
			7				
	B-66-B1-2.5		7	Well graded gravel with sand, fine to coarse gravel, fine to		GW	
				modium, sand, trace fines.			Gravel composed of mud\sandstone.
			5				
			5				
	B-66-B1-5.0		5				
			3				
			5				
	B-66-B1-7.5		7				
			6				
			10				
	B-66-B1-10.0		12				
				Poorly graded gravel, light brown to gray, wet, trace fines.		GP	Sandstone cobbles encountered.
							Unable to obtain sample of cobbles.
							Total Depth = 19.5 feet.
			15				Boring terminated at depth sufficient for
			32				investigation. Borings grouted with
	B-66-B1-19.0		18	Gravel, as described above.			neat cement.

REVIEWED BY: TIM O'BRIEN

PREPARED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	B2
SHEET	1 OF 1
PROJECT NO:	575-8G001

DATE: 2/27/98 PROJECT NAME: CALTRANS SAN RAFAEL

DRILLING CO: V&W DRILLING, RIO VISTA, CALIFORNIA
DRILL CREW:
DRILLING METHOD: HOLLOW STEM AUGER, MOBILE B-61
BORING DIMENSIONS: 8-INCH DIAMETER DEPTH 19.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	NO WATER ENCOUNTERED	

DEPTH (feet)	SAMPLE NO.	BLOW COUNTS	DESCRIPTION	PID □ (PPM)	USCS	REMARKS
0	B-66-B2-SUR		Well graded sand with gravel, fine to course sand and gravel, dark brown, moist.		GW	
2	B-66-B2-2.5	50				
4		5				Color change to yellow brown.
5	B-66-B2-5.0	5				Gravel composed of mud\sandstone.
7		9				
8	B-66-B2-7.5	5				
9		3				
10	B-66-B2-10.0	5 7				Small asphaltic zone from 9.5 to 10 feet.
12						
14						Sandstone cobbles.
15	B-66-B2-15.0	50				
17			BAY MUDS		CL	
18		2				Total Depth = 19.5 feet
19		1				Boring terminated at depth sufficient for investigation. Borings grouted with neat cement.
20	B-66-B2-19.0	1				

REVIEWED BY: TIM O'BRIEN

PREPARED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	B3
SHEET	1 OF 1
PROJECT NO:	575-8G001

DATE: 2/27/98 | PROJECT NAME: CALTRANS SAN RAFAEL

DRILLING CO: V&W DRILLING, RIO VISTA, CALIFORNIA
DRILL CREW:
DRILLING METHOD: HOLLOW STEM AUGER, MOBILE B-61
BORING DIMENSIONS: 8-INCH DIAMETER DEPTH 13.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (feet)	SAMPLE NO.		BLOW COUNTS	DESCRIPTION	PID □ (PPM)	USCS	REMARKS
0	B-87-83-SUR			Well graded sand with gravel, fine to coarse sand and gravel, brown, moist.		SW	Asphalt pavement surface.
1							
2			5				
3	B-87-83-2.5		7				
4			9				
5			8	Well graded gravel with sand, fine to coarse sand and gravel, light brown, trace fines.		GW	Gravel composed of mudstone/sandstone.
6			12				
7	B-87-83-5.0		7	Well graded sand with gravel, fine to coarse sand and gravel, gray, moist.		SW	
8			4				
9	B-87-83-7.5		4				
10			7				
11			4				
12	B-87-83-10.0		6				
13			9				
14	B-87-83-13.0						
15							
16							
17							
18							
19							Total Depth = 13.5 feet. Boring terminated at depth sufficient for investigation. Borings grouted with neat cement.
20							

REVIEWED BY: TIM O'BRIEN | PREPARED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	B4		
SHEET	1	OF	1
DATE:	2/27/98	PROJECT NAME:	CALTRANS SAN RAFAEL
PROJECT NO:	575-8G001		

DRILLING CO: V&W DRILLING, RIO VISTA, CALIFORNIA

DRILL CREW:

DRILLING METHOD: HOLLOW STEM AUGER, MOBILE B-61

BORING DIMENSIONS: 8-INCH DIAMETER DEPTH 13.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (feet)	SAMPLE NO.	BLOW COUNTS	DESCRIPTION	PID □ (PPM)	USCS	REMARKS
0	B-07-84 SUR		GRAVELLY SAND; Black, damp,medium to coarse sand,		SW	
1			Fine to coarse gravel, trace roots.			
2		4				
3	B-07-84 2.5	4	Well graded gravel with sand, fine to coarse sand and gravel,		GW	
		4	gravel composed of mud/sandstone, yellow/brown, trace			
4			fines.			
5		4				
6	B-07-84-5.0	5				
7		6				
8		6				
9	B-07-84-7.5	8				
		12	Well graded gravel with sand, fine to medium sand, medium			
			to coarse gravel, light gray, moist.			Gravel composed of mud/sandstone.
						Sandstone cobbles present 9.5 foot
10						downward, auger refusal at 9.5 feet.
	B-07-84-10.0	50				
11						Needed to step out 5 feet and redrill to
12						13.5 to obtain 10 and 13 foot samples.
13						
	B-07-84-13.0	50				
14						
15						
16						
17						
18						
						Total Depth = 13.5 feet.
						Boring terminated at depth sufficient for
20						investigation. Borings grouted with
						neat cement.

REVIEWED BY: TIM O'BRIEN

PREPARED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	B5
SHEET	1 OF 1
PROJECT NO:	575-8G001

DATE: 2/27/98 | PROJECT NAME: CALTRANS SAN RAFAEL

DRILLING CO:	V&W DRILLING, RIO VISTA, CALIFORNIA
DRILL CREW:	
DRILLING METHOD:	HOLLOW STEM AUGER, MOBILE B-61
BORING DIMENSIONS:	8-INCH DIAMETER DEPTH 13.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (feet)	SAMPLE NO.	BLOW COUNTS	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	B-68-B5-SUR		Well graded gravel with sand, fine to coarse sand and gravel, brown, moist.		GW	Trace cobbles, roots.
2		6				
3		7				
4	B-68-B5-4.5	8				
5			Well graded sand with gravel, fine to coarse sand, fine gravel, gray, moist.		SW	
6		6				
7		4				
8	B-68-B5-8.0	4				
9		4				
10		4				
11	B-68-B5-10.5					
12		5				
13		7				
14	B-68-B5-13.0	10				
15						Total Depth = 13.5 feet.
16						Boring terminated at depth sufficient for investigation. Borings grouted with neat cement.
17						
18						
19						
20						

REVIEWED BY: TIM O'BRIEN | PREPARED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	B6
SHEET	1 OF 1
PROJECT NO:	575-8G001

DATE: 2/26/98 | PROJECT NAME: CALTRANS SAN RAFAEL

DRILLING CO:	V&W DRILLING, RIO VISTA, CALIFORNIA
DRILL CREW:	
DRILLING METHOD:	HOLLOW STEM AUGER, MOBILE B-61
BORING DIMENSIONS:	8-INCH DIAMETER DEPTH 13.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (feet)	SAMPLE NO.		BLOW COUNTS	DESCRIPTION	PID □ (PPM)	USCS	REMARKS
0	B-M-M-SUR	■		Well graded gravel with sand, fine to coarse sand and gravel, brown, moist.		GW	Some roots, cobbles observed.
1							
2			6				
			7				
3	B-66-66-2.5	■	8				
				Well graded sand with gravel, fine to coarse sand, fine gravel, gray, moist.		SW	
4			6				
5			4				
	B-66-66-5.0	■	4				
6							
7			4				
			4				
8	B-66-66-7.5	■	4				
9							
			5				
10			7				
	B-66-66-10.0	■	10				
11							
12							
13							
	B-66-66-13.0	■					
14							
15							
16							
17							
18							Total Depth = 13.5 feet
							Boring terminated at depth sufficient for investigation. Borings grouted with neat cement.
20							

REVIEWED BY: TIM O'BRIEN | PREPARED BY: CHRIS MERRITT

SOIL BORING LOG

DATE: 2/26/98	PROJECT NAME: CALTRANS SAN RAFAEL	BORING NO: B7	
		SHEET 1 OF 1	
		PROJECT NO: 575-8G001	

DRILLING CO:	V&W DRILLING, RIO VISTA, CALIFORNIA
DRILL CREW:	
DRILLING METHOD:	HOLLOW STEM AUGER, MOBILE B-61
BORING DIMENSIONS:	8-INCH DIAMETER DEPTH 15.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
2/26/98		12.5 FEET

DEPTH (feet)	SAMPLE NO.	BLOW COUNTS	DESCRIPTION	PID (.) (PPM)	USCS	REMARKS
0	B-69-87-SUR		Well graded sand with gravel, fine to coarse sand and gravel, brown, moist.		SW	
1		7				
2		7				
3	B-69-87-2.5	8	Well graded sand with clay, fine to coarse sand to medium gravel, gray, moist.			Gravel of mudstone sandstone.
4		8				
5		7	Well graded sand, fine, brown, moist,			
6	B-69-87-5.0	5				
7		3				
8		4				
9	B-69-87-7.5	5				
10		5				
11		5				
12	B-69-87-10.0	9				
13						
14						
15						
16		50/5	Well graded gravel with sand, fine to coarse sand and gravel, brown, wet.		GW	
17	B-69-87-15.0					
18						
19						Total Depth = 15.5 feet
20						Boring terminated at depth sufficient for investigation. Borings grouted with neat cement.

REVIEWED BY: TIM O'BRIEN

PREPARED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	B8
SHEET	1 OF 1
PROJECT NO:	575-8G001

DATE: 2/26/98 | PROJECT NAME: CALTRANS SAN RAFAEL

DRILLING CO:	V&W DRILLING, RIO VISTA, CALIFORNIA
DRILL CREW:	
DRILLING METHOD:	HOLLOW STEM AUGER, MOBILE B-61
BORING DIMENSIONS:	8-INCH DIAMETER DEPTH 15.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (feet)	SAMPLE NO.	BLOW COUNTS	DESCRIPTION	PID □ (PPM)	USCS	REMARKS
0	B-98-88-SUR		Well graded sand with gravel, fine to coarse sand and gravel, brown, moist, roots,		SW	
3	B-98-88-2.5	50/0				
5		5				
		12			SP	
	B-98-88-5.0	15	Poorly graded sand, medium, brown, moist.			
7		7				
		7				
8	B-98-88-7.5	10				
		6	Poorly graded sand, fine to medium, moist.			
10		8				Asphaltic sand observed
	B-98-88-10.0	10				
			Well graded sand with gravel, medium to coarse sand, fine gravel, brown, wet.		SW	
15	B-98-88-15.0	50				
						Total Depth = 15.5 feet.
						Boring terminated at depth sufficient for investigation. Borings grouted with neat cement.

REVIEWED BY: TIM O'BRIEN | PREPARED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	B9
SHEET	1 OF 1
PROJECT NO:	575-8G001

DATE: 2/26/98 | PROJECT NAME: CALTRANS SAN RAFAEL

DRILLING CO:	V&W DRILLING, RIO VISTA, CALIFORNIA
DRILL CREW:	
DRILLING METHOD:	HOLLOW STEM AUGER, MOBILE B-61
BORING DIMENSIONS:	8-INCH DIAMETER DEPTH 18.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
2/26/98		14.5 FEET

DEPTH (feet)	SAMPLE NO.	BLOW COUNTS	DESCRIPTION	PID □ (PPM)	USCS	REMARKS
0	B-70-89-SUR		Well graded gravel with sand, fine to coarse sand and gravel, dark brown, moist.		GW	
1		8				
2		12				
3	B-70-89-2.5	22				
4		6				
5		15				
6	B-70-89-5.0	18				
7		8				
8		4				
8	B-70-89-7.5	4	Well graded sand with gravel, fine to coarse sand, fine gravel, brown, moist.		SW	Refusal at 6.5 and 8.0 feet. Stepped out, success at third boring
9		7	Well graded sand, fine to medium sand, moist.			
10		8				Asphaltic sand observed.
10	B-70-89-10.0	5	Well graded sand, medium to coarse sand, brown, moist.			
11						
12						
13						
14						
15		3				2 inches fine sand/silt at 14.0 feet. DTW 14.5 feet.
15		3	Poorly graded gravel, fine, gray, wet, trace coarse sand.		GP	
16	B-70-89-15.0	5				
17						
18		5				
18		5				Total Depth = 18.5 feet.
	B-70-89-19.0	7				Boring terminated at depth sufficient for investigation. Borings grouted with neat cement.
20						

REVIEWED BY: TIM O'BRIEN | PREPARED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	B10
SHEET	1 OF 1
PROJECT NO:	575-8G001

DATE: 2/26/98 | PROJECT NAME: CALTRANS SAN RAFAEL

DRILLING CO: V&W DRILLING, RIO VISTA, CALIFORNIA
DRILL CREW:
DRILLING METHOD: HOLLOW STEM AUGER, MOBILE B-61
BORING DIMENSIONS: 8-INCH DIAMETER DEPTH 18.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (feet)	SAMPLE NO.	BLOW COUNTS	DESCRIPTION	PID □ (PPM)	USCS	REMARKS
0	0-70-B10-SURF		Well graded sand with gravel, fine to coarse sand, fine gravel, brown, moist.		SW	
1		7				
2		11				2" silt lens.
3	B-70-B10-2.5	13				ASPHALTIC SAND/GRAVEL.
4		12				
5		15				
6	B-70-B10-5.0	18				
7		7				
8	B-70-B10-7.5	7	SILT.		MH	Silt is mixed with wood debris.
		12	Well graded sand with gravel, fine to coarse sand and gravel, brown, moist.		SW	
9		12	Well graded sand, fine to medium, moist.			mussel shells, slight odor
10		17				Asphaltic sand observed
11	B-70-B10-10.0	22	GRAVELLY SAND; Brown, damp, fine to coarse sand fine gravel.			
12						
13						
14						
15			SANDY GRAVEL, Brown\gray, wet, fine gravel,		GW	
16		10	fine to medium sand.			
17	B-70-B10-15.0	12				
18		18				
19		12				
20		15				Total Depth = 18.5 feet.
	B-70-B10-15.0	18				Boring terminated at depth sufficient for investigation. Borings grouted with neat cement.

REVIEWED BY: TIM O'BRIEN | PREPARED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	B11
SHEET	1 OF 1
PROJECT NO:	575-8G001

DATE: 2/25/98 | PROJECT NAME: CALTRANS SAN RAFAEL

DRILLING CO:	V&W DRILLING, RIO VISTA, CALIFORNIA
DRILL CREW:	
DRILLING METHOD:	HOLLOW STEM AUGER, MOBILE B-61
BORING DIMENSIONS:	8-INCH DIAMETER DEPTH 10.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (feet)	SAMPLE NO.		BLOW COUNTS	DESCRIPTION	PID □ (PPM)	USCS	REMARKS
0	B-71-811-SUR			Well graded sand with gravel, fine to coarse sand, fine gravel, brown, moist.		SW	
1							
2			8				
3	B-71-811-2.5		20 30	Well graded gravel with sand, fine to medium sand, fine to coarse gravel, gray/brown, moist.		GW	Gravel of mudstone\shale.
4							
5			5				
6	B-71-811-5.0		5 5	Well graded sand with gravel, fine to coarse sand, fine to medium gravel, brown, moist.		SW	Trace fines grading in.
7			5				
8	B-71-811-7.5		5 7				
9				Well graded sand, fine to medium, moist.			
10	B-71-811-10.0			Well graded sand, medium to coarse, moist.			Asphaltic sand observed.
11							
12							
13							
14							
15							
16							
17							
18							Total Depth = 10.5 feet.
19							Boring terminated at depth sufficient for investigation. Borings grouted with neat cement.
20							

REVIEWED BY: TIM O'BRIEN

PREPARED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	B13
SHEET	1 OF 1
PROJECT NO:	575-8G001

DATE: 2/25/98 | PROJECT NAME: CALTRANS SAN RAFAEL

DRILLING CO: V&W DRILLING, RIO VISTA, CALIFORNIA
DRILL CREW:
DRILLING METHOD: HOLLOW STEM AUGER, MOBILE B-61
BORING DIMENSIONS: 8-INCH DIAMETER DEPTH 9.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (feet)	SAMPLE NO.	BLOW COUNTS	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	B-72-813-SURF		Well graded sand with gravel, medium to coarse sand, fine to medium gravel, tan, moist.		SW	Roots in surface area.
2		5				
		5				
3	B-72-813-2.5	5				
4						
		3				
5		3				
	B-72-813-5.0	3				
6						
		3				
7		3				
8	B-72-813-7.5	5				
		3				
		7				
9	B-72-813-9.5	7	Well graded sand, fine to medium, moist.			
10						Asphaltic sand observed.
11						
						Insufficient water for sample, no odors.
12						
13						
14						
15						
16						
17						
18						
						Total Depth = 9.5 feet.
						Boring terminated at depth sufficient for investigation. Borings grouted with neat cement
20						

REVIEWED BY: TIM O'BRIEN | PREPARED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	B14
SHEET	1 OF 1
PROJECT NO:	575-8G001

DATE: 2/25/98 | PROJECT NAME: CALTRANS SAN RAFAEL

DRILLING CO:	V&W DRILLING, RIO VISTA, CALIFORNIA
DRILL CREW:	
DRILLING METHOD:	HOLLOW STEM AUGER, MOBILE B-61
BORING DIMENSIONS:	8-INCH DIAMETER DEPTH 9.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (feet)	SAMPLE NO.	BLOW COUNTS	DESCRIPTION	PID □ (PPM)	USCS	REMARKS
0	B-72-B14-SUR		Well graded gravel with sand, fine to coarse sand and gravel, dark brown, moist, trace fines.		GW	Roots in surface area.
3	B-72-B14-2.5	MM				Asphaltic sand and gravels.
4		5				
5		10				4-4.5 foot-Lens of clayey gravel.
6	B-72-B14-5.0	20				
7		26				
8	B-72-B14-7.5	50				
		7				
9		7				
	B-72-B14-9.5	9	Well graded sand, fine to medium, moist.		SW	
10			BAY MUDS.		CL	Asphaltic sand observed.
						Total Depth = 9.5 feet.
						Boring terminated at depth sufficient for investigation. Borings grouted with neat cement.

REVIEWED BY: TIM O'BRIEN | PREPARED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	B15
SHEET	1 OF 1
PROJECT NO:	575-8G001

DATE: 2/25/98 PROJECT NAME: CALTRANS SAN RAFAEL

DRILLING CO: V&W DRILLING, RIO VISTA, CALIFORNIA

DRILL CREW:

DRILLING METHOD: HOLLOW STEM AUGER, MOBILE B-61

BORING DIMENSIONS: 8-INCH DIAMETER DEPTH 8.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (feet)	SAMPLE NO.		BLOW COUNTS	DESCRIPTION	PID ( ) (PPM)	USCS	REMARKS
0	B-75-015-SURF			Well graded gravel with sand, coarse sand, gray, moist.		GW	Road base.
1							
2			5				
			5				
3	B-75-015-2.5		5				
				Well graded sand with gravel, fine to coarse sand and gravel,		SW	Concrete waste.
4				brown, moist.			
			4				
5			4				
	B-75-015-5.0		5				
6							
			3				
7			5				Lost sample at 6.5 feet, resampled.
			6				
8	B-75-015-7.0		3				
			5				
			7				
9				Well graded sand, fine to medium, moist.			
10							Asphaltic sand observed.
11							
12							
13							
14							
15							
16							
17							
18							
							Total Depth = 8.5 feet.
							Boring terminated at depth sufficient for investigation. Borings grouted with neat cement.
20							

REVIEWED BY: TIM O'BRIEN

PREPARED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	R1-1
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	10 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/12/98		3 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	R1-1-0				Silty sand, brown, moist,		SM	
2	R1-1-2					0		
3						0		
4	R1-1-4							
5						0		
6								
7					Silty sand, fine, tan, no hydrocarbon odor.			
8								
9								
10	R1-1-10							Boring Terminated at 10 Feet.
						0		Compressed Silty Sand,
11								Total depth - 10 feet.
12								Boring terminated at depth sufficient for investigation,
13								Boring grouted with hydrated bentonite
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	R1-2
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\19\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	2.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	R1-S	6 IN			GRAVELLY SAND: Dark Gray, Fine to Coarse Sand, Dry		GW	
1								
2	R1-2.5	6 IN						REFUSAL at 2.5 Feet.
3								Total depth = 2.5 feet.
4								Refusal at 2.5 feet.
5								Backfilled with Bentonite pellets
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO:	R2-1
SHEET 1 OF 1	

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/12/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W	
DRILLING METHOD:		8 Inch Hollow Stem Auger	
BORING DIAMETER:	8 IN	DEPTH:	30.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	R2-1-5			12	Well graded gravel with sand, fine to coarse sand, fine to		GW	6 IN Asphalt and Base Rock.
1				15	medium gravel and cobbles, dark brown, moist.			
				19				
2								
3	R2-1-3.0			12				
				50/5				
4								
5								
6								
7								
8								
9								
10	R2-1-10			20				
				50/5				
11								
12								Fill.
13								
14								
15	R2-1-15			16				
				24				
16				25				
17								
18								
19								
20	R2-1-20			15	Log continues downward			

LOGGED BY Chris Merritt

SOIL BORING LOG

BORING NO: R2-2
SHEE 2 OF 2

PROJECT NAME: CALTRAN$ SFW
PROJECT NUMBER: 8G001 SFW DATE: 5/12/98
NORTHINGS: EASTINGS:
DRILLING COMPANY: V & W
DRILLING METHOD: 8 Inch Hollow Stem Auger
BORING DIAMETER: 8 IN DEPTH: 30.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
20				25	(At 20) Poorly graded sand, fine, Light Brown, Dry.		SP	Sand From Degradnd Sandstone.
21				50/	(Golden Brown)			Sandstone.
22								
23								
24								
25	R2-1-25			30				
26				50/3				
27								
28								
29								
30			NR	50/4				
31								Total Depth 30.5 Feet
32								Boring terminated at depth sufficient for investigation.
33								Backfilled with Bentonite pellets.
34								
35								
36								
37								
38								
39								
40								

LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO: R2-2

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	6G001 SFW
DATE:	5/12/98
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	V & W
DRILLING METHOD:	8 Inch Hollow Stem Auger
BORING DIAMETER:	8 IN
DEPTH:	56 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	R2-2-5	8 IN		9	Well graded gravel with sand, fine to coarse sand, fine to		GW	6 IN AC/BASE ROCK.
				12	medium gravel, dark brown, moist, trace fines.			
				15				
2								
3	R2-2-3	6 IN		11				
				12				
4				15				
			NR					
5								Mud/ Siltstone Gravels Fill Throughout.
6	R2-2-6			15				
7				17				
				19				
8								
9								
10	R2 2-10			12				
				15				
11				17				
12								
13								
14								
15	R2 2-15			12				
				15				
16				18				
17								
18								
19								
20	R2-2-20			25				

LOGGED BY: Chris Marritt

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SOIL BORING LOG

BORING NO: R2-2

SHEE 2 OF 3

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 $FW	DATE:	5/12/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W	
DRILLING METHOD:		8 Inch Hollow Stem Augor	
BORING DIAMETER:	8 IN	DEPTH:	56 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
				50/5				
21								
22								
23								
24								
25	R2-2-26			15				
26				75				
				50/5				
27								
28								
29								
30	R2-2-30			25	Well graded gravel with sand, fine to coarse sand, fine to		GW	
31				50/	medium gravel, mottled brown, trace fines.			
32								
33								
34								
35	R2-2-35			25				
36				28				
				27				
37								
38								
39								
40	R2-2-40			25				

LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO:	R2-2
SHEE	3 OF 3

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/12/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W	
DRILLING METHOD:		8 Inch Hollow Stem Augor	
BORING DIAMETER:	8 IN	DEPTH:	56 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
				50/3				
41								
42								
43								
44								
45	R2-2-4A			11	Clayey gravel with sand, mottled.		GC	
46				18				
				20				
47								
48								
49								Some Mottled Layers.
50								Wood Found.
	R2-2-50			11	Well graded sand with gravel, fine to medium sand and gravel.		SW	
51				16	golden brown, moist, trace fines.			
				22				
52								
53								
54								
55	R2-2-55			32				Native Sample.
				50/5				
56								Total depth 56 feet.
57								Boring terminated at depth sufficient for investigation.
58								Boring backfilled with bentonite pellets.
59								
60								

LOGGED BY: Chris Merrill

SOIL BORING LOG

BORING NO:	R3-1
SHEET 1	OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/11/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hollow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	31.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
0					Gravelly sand with some clay, fine to coarse sand and gravel,		SC	Asphalt Pavement.
1				12	greenish gray, dry to moist, low to moderate plasticity.			
				18				
2		12	■	20				
				6				
3				9				
		12	■	12				
4								
5								
				15				Fill.
6		10		15				
			■	21	Gravelly sand as described above.			
7								
8								
9								
10								
				15				
11		14		19				
			■	22	Gravelly sand as described above.			
12								
13								
14					Clayey gravel with sand, fine to coarse sand and gravel,		GC	
					brown, moist, low plasticity.			
15								
				15				
16		16		20				
			■	24				
17								
18								
19								
20					Log continuns downward,			

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO:	R3-1
SHEET 2	OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/11/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:			
DRILLING METHOD:			
BORING DIAMETER:		DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN.)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
				9	Clayey gravel with sand as described above.		GC	Mudstone encountered.
21		7		25				
				27				
22								
23								
24								
25				15	Clayey gravel with sand as described above.			Mudstone encountered.
				25				
26		6		32				
27								
28								
29								
30				7	Clayey gravel with sand as described above.			Sandstone encountered, moderate induration.
				30				Auger refusal at bedrock.
31		10		38				
32								Total Depth = 31.5 feet.
								Boring terminated at depth sufficient for investigation.
33								No groundwater encountered.
34								Boring grouted with neat cement.
35								
36								
37								
38								
39								
40								

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO:	R3-2
SHEET 1	OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/11/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hollow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	31.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No ground water encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN.)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Clayey sand with gravel, fine to coarse grained sand and		SC	Asphalt Pavement.
1		10		16	gravel, greenish brown, dry to moist, low plasticity.			
				17				
2				22				
				42				
3				50				Sample refusal.
4				7	Clayey sand with gravel as described above, color change to			Brick fragments.
				9	brown.			
5				17				
6								
7								
8								
9								
10								
				15				
11				17				
				20	Clayey sand with gravel as described above.			
12								
13								
14								
15								
				19	Clayey gravel with sand, fine to coarse grained sand and		GC	Claystone observed in sample.
16				21	gravel, brown, dry to moist, low plasticity.			
				27				
17								
18								
19								
20					Log continues downward			

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO:	**R3-2**
SHEE	2 OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/11/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hollow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	31.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
				15	Clayey gravel with sand as described above.		GC	
21				19				
				22				
22								
23								
24								
25				20				
				20				
26				20	Clayey gravel with sand as described above.			
27								
28								
29								
30				15				
				15				
31				22	Clayey gravel with sand as described above.			
32								Total Depth = 31.5 feet.
33								Boring terminated at depth sufficient for investigation.
34								No groundwater encountered.
35								Boring grouted with neat cement.
36								
37								
38								
39								
40								

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO: R4-1
SHEET 1 OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hollow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	26.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Gravelly loan clay with sand, fine to coarse sand and gravel.		CL	Asphalt Pavement.
1				5	brown, moist, moderate plasticity.			
				7				
		9		7				
2				5				Brick fragment.
				20				
3		8		25	Gravelly loan clay with sand as described above.			
								Poor sample recovery.
4				85*				Resample.
		3						
5					Clayey gravel with sand, fine to coarse sand and gravel.		GC	
		14			tan-brown, moist, low plasticity.			
6								
7								
8								
9								
10								
				9	Clayey sand, gravel, fine sand, brown, moist, low plasticity.		SC	Charcoal observed in sample.
11				9				
				18				
12								
13								
14								
15								
				15				
16				20				
		6		30	Clayey sand as described above.			
17								
18								
19								
20								
					Log continues downward.			

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO: R4-1
SHEET 2 OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/7/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hollow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	26.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
21		9		18 24 25	Clayey gravel with sand, fine to coarse sand and gravel, dry, low plasticity.		GC	May be bedrock.
25		6		16 24 32	Clayey gravel with sand as described above.			Bedrock consists of sandstone and claystone.
27								Total Depth = 26.5 feet. Boring terminated at depth sufficient for investigation. No groundwater encountered. Boring grouted with neat cement.

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO: R5-1
SHEET 1 OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/6/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hollow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	40 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
0					Sandy lean clay with gravel, fine to coarse sand and gravel.		CL	
1				10	brown, moist, moderate plasticity.			
				13				
2		9		26				Brick & concrete fragments.
				10				
3				11				
		13		21	Clayey gravel with sand, fine to coarse sand and gravel,		GC	
4					brown, moist, moderate plasticity.			Brick and concrete debris.
				26				
5		8		50+				
6								
7								
8								
9								
10								
				15	Clayey gravel with sand as described above, low to moderate			Few concrete fragments.
11				17	plasticity.			
		12		22				
12								
13								
14								
15								
				18	Clayey sand, fine to coarse sand, brown, moist, moderate		SC	Little charcoal in sand.
16				18	plasticity.			May be native.
				22				
17								
18								
19								
				7				
20				9				
				12	Log continues downward.			

LOGGED BY: TIM O'BRIEN

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SOIL BORING LOG

BORING NO: R5-1
SHEET 2 OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/6/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hallow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	40 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
				7			SC	Brick fragments in sample.
				9				
21				12	Clayey sand as described above.			
22								
23								
24								
				7				Concrete and wood fragments observed
25				9				in sample.
				12	Clayey sand as described above.			
26								
27								
28								
29								
30				6				Brick fragments in sample.
				8				
31				12	Clayey sand as described above.			
32								
33								
34								
35								
				7	Clayey gravel with sand, fine to coarse gravel and sand,		GC	Native material, no fill materials observed.
36				10	moist, low plasticity.			Degraded bedrock.
				11				
37								
38								Total Depth = 40 feet.
39								Boring terminated at depth sufficient for investigation.
				16				
				19				No groundwater encountered.
40				25	Clayey gravel with sand as described above.			Boring grouted with neat cement.

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO: R5-2
SHEET 1 OF 2

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	5/6/98
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	V & W Drilling
DRILLING METHOD:	Hallow Stem Auger
BORING DIAMETER:	8-inch
DEPTH:	31 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
0					Clayey sand with gravel, fine to coarse sand and gravel,		SC	
1				28	brown, moist, moderate plasticity.			
		12		32				
2				46				
				16				
3				21				
		7		26	Clayey sand with gravel as described above.			
4								
				12				
5				19				Concrete and brick debris.
		8		21	Clayey sand with gravel as described above.			
6								
7								
8								
9								
10								
				15				Concrete and brick debris.
11				20				
		9		23	Clayey sand with gravel as described above			
12								
13								
14								
15								
				11				
16				15				
		10		18	Clayey sand with gravel as described above.			Concrete and brick debris.
17								
18								
19								
20					Log continues downward.			

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO: R5-2
SHEET 2 OF 2

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	5/6/98
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	V & W Drilling
DRILLING METHOD:	Hallow Stem Auger
BORING DIAMETER:	8-inch
DEPTH:	31 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
21				11	Clayey sand with gravel as described above.		SC	
				12				
				17				
22								
23								
24								
25								
				7	Clayey sand with gravel as described above.			
26				10				
				12				
27								
28								
29								
30								
				38	Clayey sand with gravel as described above.			
31				50+				
32								Total Depth = 31 feet.
								Boring terminated at depth sufficient for
33								investigation.
								NO ground water encountered.
34								Boring grouted with neat cement.
35								
36								
37								
38								
39								
40								

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO:	D2
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D3-S				Poorly graded sand, fine to medium, brown, moist, trace fines.		SP	~ 4 inches asphalt, base rock.
1								
2								
3	D3-3.0							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring backfilled with bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO:	D3
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D3-1				Poorly graded sand with gravel, fine to medium, brown, moist, trace fines.		SP	~ 4 inches asphalt, base rock.
1								Degraded bedrock gravel.
2								
3	D3-2							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring backfilled with bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO: D-4

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	D4-S				Silty sand, fine, brown, moist, no odor.		SM	
2								
3	D4-B				Silty sand, fine, brown, moist, no odor.			
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring backfilled with bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	D-5
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Silty sand, fine, orange to light brown, moist, no odor, with decomposed charcoal.		SM	
2	D5-2							
3	D5-3							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring backfilled with bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	D6
SHEET 1	OF 1

PROJECT NAME:	CALTRAN$ $FW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\6\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		P$I	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silty sand, fine, brown, moist, no odor.		SM	
1	D6-2							
2								
3	D6-3				Silty sand, fine, brown, moist, no odor.			
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring backfilled with bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	D7
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Bedrock or Compacted Rock.			
1								Refusal.
2								Total depth 6 inches.
3								Refusal at 1 foot.
4								Boring backfilled with bentonite pellets.
5								
6								
7								
8								
9								
10								
11								
12								
13								
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15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	D8
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\11\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	10 IN

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
	D8-S	6			Bedrock or Compacted Rock.			
1								Refusal,
2								Total depth 6 inches,
3								Refusal at 1 foot.
4								Boring backfilled with bentonite pellets.
5								
6								
7								
8								
9								
10								
11								
12								
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14								
15								
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17								
18								
19								
20								

LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO: D9
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Asphalt,			
2					Well graded gravel with sand, fine to coarse sand, fine to medium gravel, red, moist.		GW	
3								
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring backfilled with bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO:	D10
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\11\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	1 FOOT

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D10-S				Asphalt.			
1					Well graded gravel with sand, fine to coarse sand, fine to medium gravel, rod, moist.		GW	Refusal at 1 foot.
2								Total depth = 1 foot.
3								Refusal at 1 foot.
4								Boring backfilled with bentonite pellets.
5								
6								
7								
8								
9								
10								
11								
12								
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14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO:	D11
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	6/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D11-0				Poorly graded sand, medium, brown, moist.		SP	
1					Brick Fragments.			
2								
3								Total depth = 2.5 feet.
								Refusal at 2.5 feet.
4								Boring backfilled with bentonite pellets.
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	D12
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\11\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
	D12-0	6 IN			Asphalt.		GP	
1					Poorly graded gravel with sand, fine to medium sand and gravel, wet, cobbles, trace fines.			
2								Refusal at 2 Feet.
								Total depth = 2 feet.
3								Refusal at 2 feet.
								Boring backfilled with bentonite pellets.
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	D13
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\11\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	D13-0	6 IN			GRAVELLY SAND, Wet, Dark Brown, Fine to Coarse Sand.			
	D13-1	6 IN			Fine to Medium Gravel, Trace Fines			
2								Total depth = 1.5 feet.
								Refusal at 1.5 Feet.
3								Boring backfilled with bentonite pellets.
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	D14
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	D14-S D14-0.5				Well graded gravel with sand, fine to coarse sand, fine to medium gravel, dark brown, dry to moist.		GW	Refusal at 1 Foot. Total depth = 1 foot. Refusal at 1 Foot. Boring backfilled with bentonite pellets.
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO:	D15
SHEET	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\11\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	1 FOOT

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D15-0				Well graded gravel with sand, fine to coarse sand, fine to medium gravel, dark brown, dry to moist.		GW	
1	D15-0.5							Refusal at 1 Foot.
								Total depth = 1 foot.
2								Refusal at 1 Foot.
								Boring backfilled with bentonite pellets.
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	D16
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\11\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	6 IN

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D16-A				Poorly graded sand with gravel, fine to coarse sand, finn gravel, tan, dry.		SP	Refusal at ~ 8 inches.
1								Total depth = 8 inches.
2								Refusal at 8 inches.
3								Boring backfilled with bentonite pellets.
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO:	D17
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\11\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	8 IN

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	017-S				Poorly graded sand with gravel, fine to coarse sand, fine gravel, tan, dry.		SP	Refusal at 1 Foot.
2								Total depth = 1 foot.
								Refusal at 1 Foot.
								Boring backfilled with bentonite pellets.
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
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17								
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19								
20								

LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO: D18

SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW

PROJECT NUMBER: 8G001 SFW DATE: 5\11\98

NORTHINGS: EASTINGS:

DRILLING COMPANY: PSI

DRILLING METHOD: HAND AUGER

BORING DIAMETER: 2 IN DEPTH: 3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Poorly graded sand, fine to medium, brown, moist.		SP	~20 % Organic Matter.
1								
2					Poorly graded sand, fine to medium, brown, moist.			
3								Sandstone Gravel.
4								Total depth = 3 feet.
5								Boring completed at depth sufficient for investigation.
6								Backfilled with Bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D19
SHEET 1 OF 1

PROJECT NAME:	CALTRAN$ SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\11\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	1 FOOT

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D19-a	6 IN			Poorly graded sand, fine to medium, dark brown to black,		SP	< 20% Organics in Top Sample.
1		6 IN			moist.			
2								Total depth = 1 foot.
3								Refusal at 1 foot.
4								Boring backfilled with bentonite pellets.
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO: D20
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\12\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D20-0				Silty sand, fine Mottled orange and brown, moist.		SM	
1								
2								
3	D20-3.0							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring backfilled with bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO:	D21
SHEET	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\12\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D21-0				SILT/MUDSTONE.		ML	
1								
2								
3	D21-3.0							
4								Total depth = 3 feet. Boring terminated at depth sufficient for investigation.
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D22
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\12\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D22-0				SILT/MUDSTONE.		ML	
1								
2								
3	D22-3.0							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	D24
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D24-2	6 IN			Well graded sand, fine to medium, gray, moist, silty.		SW	
1								
2								
3	D24-3.0	6 IN						
4								Total depth = 3 feet,
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
7								
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LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO:	D25
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
	D25 8	6 IN			Silty gravel with sand, fine to medium, gray, dry.		GM	50-70% siltmudstone gravel and cobbles.
1								Total depth = .5 feet.
2								Boring terminated at depth sufficient for investigation.
3								Backfilled with Bentonite pellets.
4								
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LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO: D26
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D26-S	6 IN			Silty gravel with sand, fine to medium, gray, dry.		GM	50-70% siltmudstone gravel and cobbles.
1								
2	D26-2.0							
3								Total depth = 2 feet.
4								Boring terminated at depth sufficient for investigation.
5								Backfilled with Bentonite pellets
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7								
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	D27
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
	027-S	4 IN			Silty gravel with sand, fine to medium, gray, dry.		GM	50-70% siltmudstone gravel and cobbles.
1								Total depth = .5 feet.
								Boring terminated at depth sufficient for investigation
2								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merrill

SOIL BORING LOG

BORING NO:	D28
SHEET	1 OF 1
PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	5/19/98
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	PSI
DRILLING METHOD:	HAND AUGER
BORING DIAMETER:	2 IN
DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D28-0	36			Silty gravel with sand, fine to medium, gray, dry.		GM	50-70% siltymudstone gravel and cobbles.
1								
2								
3	D28-2.0							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	D29
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	6/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	1.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D29-0	6 IN			Poorly graded sand, medium, dry, brown.		SP	
1								Concrete Chunks.
	D29-1.5	6 IN			Clayey sand, fine to medium, brown, moist.		SC	Refusal ~1.5 Feet.
2								Total depth = 1.5 feet.
								Refusal at 1.5 feet.
3								Boring backfilled with bentonite pellets.
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LOGGED BY Chris Merritt

SOIL BORING LOG

BORING NO: D30
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	6/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	2 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	D30-S				Clayey sand with gravel, fine to medium sand and gravel, brown, moist		SC	
2								Cobbles, Rocks
3								Total depth = 2 feet.
4								Boring terminated at depth sufficient for investigation.
5								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D31

SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW

PROJECT NUMBER: 8G001 SFW DATE: 6/2/98

NORTHINGS: EASTINGS:

DRILLING COMPANY: PSI

DRILLING METHOD: HAND AUGER

BORING DIAMETER: 2 IN DEPTH: 3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D31-S				Clayey sand with gravel, fine to medium sand and gravel, brown, moist.		SC	
1								Rocks.
2								
3	D31-3							Trench Sand
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO:	D32
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	6/2/98
NORTHINGS:		EASTINGS	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	D32-2				Clayey sand with gravel, fine to medium sand and gravel, gray, moist, cobbles.		SC	AC - 3 IN. AB to 1 Foot.
2								
3	D32-3							
4								Total depth = 3 feet. Boring terminated at depth sufficient for investigation. Backfilled with Bentonite pellets
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LOGGED BY: Chris Merratt

SOIL BORING LOG

BORING NO: D33
SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW
PROJECT NUMBER: 8G001 SFW DATE: 6/2/98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: HAND AUGER
BORING DIAMETER: 2 IN DEPTH: 3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D33-S				Clayey sand with gravel, fine to medium sand and gravel,		SC	AC - 3 IN.
1					gray, moist, cobbles.			AB to 1 Foot.
2								
3	D33-3.0							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY Chris Merritt

SOIL BORING LOG

BORING NO:	D34
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	6/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D34-3				Clayey sand with gravel, fine to medium sand and gravel, gray, moist, cobbles.		SC	AC - 3 IN. AB to 1 Foot.
1								
2								
3	D34-3.0							
4								Total depth = 3 feet Boring terminated at depth sufficient for investigation. Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO:	B35
SHEET	1 OF 1

PROJECT NAME:	CALTRAN$ $FW		
PROJECT NUMBER:	8G001 $FW	DATE:	6/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVEL$

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	B35-A				Clayey sand with gravel, fine to medium sand and gravel, gray, moist, cobbles.		SC	AC - 3 IN. AB to 1 Foot.
1								
2								
3	B35-B							
4								Total depth = 3 feet. Boring terminated at depth sufficient for investigation. Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO: D36

SHEET 1 OF 1

PROJECT NAME:	CAL TRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	6/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D36-0				Clayey sand with gravel, fine to medium sand and gravel, gray, moist, cobbles.		SC	AC - 3 IN. AB to 1 Foot.
1								
2								
3	D36-3							
4								Total depth = 3 feet. Boring terminated at depth sufficient for investigation. Backfilled with bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D37
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	6/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	HAND AUGER		
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
	D37-S				Clayey sand with gravel, fine to medium sand and gravel, gray, moist, cobbles.		SC	AC - 3 IN. AB to 1 Foot.
1								
2								
3	D37-3.0							
4								Total depth = 3 feet. Boring terminated at depth sufficient for investigation. Backfilled with Bentonite pellets.
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D38
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	6/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Clayey sand with gravel, fine to medium sand and gravel,		SC	3-4 IN AC.
1					gray, moist, cobbles.			3-4 IN Base.
2								Total depth = 1.5 feet.
								Boring terminated at depth sufficient for investigation.
								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D39

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	6/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D39-S				Clayey sand with gravel, fine to medium sand and gravel,		SC	3-4 IN AC.
1					gray, moist, cobbles.			3-4 IN Base.
								Total depth = .5 feet.
2								Boring terminated at depth sufficient for investigation.
3								Backfilled with Bentonite pellets
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LOGGED BY Chris Merritt

SOIL BORING LOG

BORING NO: D42

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/14/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D42-S	6 IN			Silty sand, fine, brown, moist.		SM	3-4 IN AC.
1								3-4 IN Base.
2								
3	D42-D	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D43
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/14/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D43-S	6 IN			Silty sand, fine, brown, moist.		SM	3-4 IN AC.
1								3-4 IN Base.
2								
3	D43-3.0	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY Chris Merritt

SOIL BORING LOG

BORING NO: D44

SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW

PROJECT NUMBER: 8G001 SFW DATE: 5\4\98

NORTHINGS: EASTINGS:

DRILLING COMPANY: PSI

DRILLING METHOD: HAND AUGER

BORING DIAMETER: 2 IN DEPTH: 3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1		11 IN			Silty sand, fine, brown, moist.		SM	3-4 IN AC 3-4 IN Base.
2					Clayey sand, medium, orange brown, moist.		SC	
3		9 IN						Total depth = 3 feet. Boring terminated at depth sufficient for investigation. Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	D45
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/15/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D45-S	8 IN			Clayey sand, fine to medium, orange brown, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2								
3	D45-3.0	6 IN						Total depth = 3 feet.
4								Boring terminated at depth sufficient for investigation.
5								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	D46
SHEET	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/15/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D46-S	6 IN			Clayey sand, fine to medium, orange brown, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2								
3	Dup-3.0	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D47
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/15/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D47-0	8 IN			Clayey sand, fine to medium, tan, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2					Sandstone.			Degraded Sandstone.
3	D47-3.0	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets.
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LOGGED BY Chris Merritt

SOIL BORING LOG

BORING NO:	D48
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/15/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D48-1	6 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2								
3	D48-2	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D49
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/13/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	D49-S	6 IN			Clayey sand, fine to medium, light brown, moist.		SC	3-4 IN AC.
2								3-4 IN Base.
3	D49-3.0							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY Chris Merritt

SOIL BORING LOG

BORING NO:	D50
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	D50-S	6 IN			Clayey sand, fine to medium sand, light brown, moist, trace fine gravel.		SC	3-4 IN AC. 3-4 IN Base.
2								
3	D50-3	6 IN						
4								Total depth = 3 feet. Boring terminated at depth sufficient for investigation. Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO: D51
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1		6 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC.
2								3-4 IN Base.
3		6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO: D52

SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW

PROJECT NUMBER: 8G001 SFW DATE: 5/19/98

NORTHINGS: EASTINGS:

DRILLING COMPANY: PSI

DRILLING METHOD: HAND AUGER

BORING DIAMETER: 2 IN DEPTH: 3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D52-S	6 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC. 3-4 IN Base.
1								
2								
3	D52-3	6 IN						
4								Total depth = 3 feet. Boring terminated at depth sufficient for investigation. Backfilled with Bentonite pellets
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LOGGED BY Chris Merritt

SOIL BORING LOG

BORING NO: D53

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D53-0	6 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2								
3	D53-3	7 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO: D54

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	054-2	6 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2								
3	054-3	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: B55
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	6G001 SFW	DATE:	5/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	B55-S	6 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2								
3	B55-3.0	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D56
SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW
PROJECT NUMBER: 8G001 SFW DATE: 5/19/98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: HAND AUGER
BORING DIAMETER: 2 IN DEPTH: 3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D56-0	11 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2								
3	D56-3.0	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets.
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D57
SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW
PROJECT NUMBER: 8G001 SFW DATE: 5/19/98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: HAND AUGER
BORING DIAMETER: 2 IN DEPTH: 3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D57-2	6 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC. 3-4 IN Base.
1								
2								
3	D57-3	6 IN						
4								Total depth = 3 feet. Boring terminated at depth sufficient for investigation. Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D58

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D58 S	6 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2								
3	D58-3.0	4 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	D59
SHEET	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	HAND AUGER		
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	[illegible]	6 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC. 3-4 IN Base.
1								
2								
3	[illegible]	0 IN						
4								Total depth = 3 feet. Boring terminated at depth sufficient for investigation. Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D60
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
	D60-2	6 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2								
3	D60-1	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO: D61

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8C001 SFW	DATE:	9/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D61-S	11 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2								
3	D61-S	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	D62
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D62-S	6 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2								
3	D62-S	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY Chris Merritt

SOIL BORING LOG

BORING NO: D63
SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW
PROJECT NUMBER: 8G001 SFW DATE: 5/8\98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: HAND AUGER
BORING DIAMETER: 2 IN DEPTH: .5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D63-S	6 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2								Total depth = .5 feet.
3								Boring terminated at depth sufficient for investigation.
4								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D64
SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW
PROJECT NUMBER: 8G001 SFW DATE: 5\8\98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: HAND AUGER
BORING DIAMETER: 2 IN DEPTH: 3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D64-S	6 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2								
3	D64-3	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Morrill

SOIL BORING LOG

BORING NO: D65

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8C001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D65-2	6 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2								
3	D65-3	6 IN						
4								Total depth = 3 feet,
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO:	D67
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/18/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D67-1	6 IN			Clayey sand, fine to medium, orange, moist,		SC	3-4 IN AC,
1								3-4 IN Base,
2								
3	D67-2	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D68
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D68-0	6 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2								
3	D68-3	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	D69
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\18\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
	D69-2	6 IN			Clayey sand, fine to medium, orange, moist.		SC	3-4 IN AC.
1								3-4 IN Base.
2								
3	D69-3	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	D70
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\18\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0		6 IN			Well graded gravel with sand, fine to coarse sand, fine to medium gravel, brown, moist, cobbles.		GW	Rock And Rock Fragments.
1								
2								
3		6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY: Chris Merrill

SOIL BORING LOG

BORING NO: D71

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8C001 SFW	DATE:	5\18\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D71-0	6 IN			Well graded gravel with sand, fine to coarse sand, fine to medium gravel, brown, moist, cobbles.		GW	Brick And Rock Fragments.
1								
2								
3	D71-3	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
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LOGGED BY Chris Merritt

SOIL BORING LOG

BORING NO:	D72
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\18\08
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D72-S	6 IN			Well graded gravel with sand, fine to coarse sand, fine to medium gravel, brown, moist, cobbles,		GW	Brick And Rock Fragments.
1								
2								
3	D72-3	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	D73
SHEET 1	OF 1

PROJECT NAME:	CAI TRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\18\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	D73-S	6 IN			Well graded gravel with sand, fine to coarse sand, fine to medium gravel, brown-tan, moist.		GW	3-4 IN AC.
2								
3	D73-3	6 IN						
4								Total depth = 3 feet.
								Boring terminated at depth sufficient for investigation.
5								Backfilled with Bentonite pellets
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D 74
SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW
PROJECT NUMBER: 8G001 SFW DATE: 5\18\98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: HAND AUGER
BORING DIAMETER: 2 IN DEPTH:

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1								AC. Paving Flagstones. Refusal.
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								

LOGGED BY:

SOIL BORING LOG

BORING NO: D75

SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW

PROJECT NUMBER: 8G001 SFW DATE: 6\1\98

NORTHINGS: EASTINGS:

DRILLING COMPANY: PSI

DRILLING METHOD: HAND AUGER

BORING DIAMETER: 2 IN DEPTH: 3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D75-5	6 IN			Well graded gravel with sand, fine to coarse sand, fine to medium gravel, brown-tan, moist.		GW	3 4 IN AC.
1								
2								
3	D75-3.0	6 IN						Total depth = 3 feet.
4								Boring terminated at depth sufficient for investigation.
5								Backfilled with Bentonite pellets
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D76
SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW
PROJECT NUMBER: 8G001 SFW DATE: 6\1\98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: HAND AUGER
BORING DIAMETER: 2 IN DEPTH: 3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D76-5	6 IN			Well graded gravel with sand, fine to coarse sand, fine to medium gravel, brown-tan, moist.		GW	3-4 IN AC.
1								
2								Rocks, concrete pieces
3	D76-3.0	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: D77
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	6\1\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	D77-S	6 IN			Well graded gravel with sand, fine to coarse sand, fine to medium gravel, brown-tan, moist.		GW	3-4 IN AC.
1								
2								
3	D77-S1	6 IN						
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Backfilled with Bentonite pellets
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								

LOGGED BY: Chris Merritt

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SOIL BORING LOG

BORING NO: D78
SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW
PROJECT NUMBER: 8G001 SFW DATE: 6\1\98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: HAND AUGER
BORING DIAMETER: 2 IN DEPTH: 3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
	D78-S	6 IN			Well graded gravel with sand, fine to coarse sand, fine to medium gravel, brown-tan, moist.		GW	3-4 IN AC
2								
3	D78-3.0	6 IN						
4								Total depth = 3 feet.
								Boring terminated at depth sufficient for investigation.
								Backfilled with Bentonite pellets
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:TNF2-1

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/21/98		

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	
1	TNF2-1-1					0		Brick Debris.
2								
3								
	TNF2-1-3				Silty Clay, Brown, Moist, Medium Plasticity, no odor.	0	CM	
4								
5								
	TNF2-1-5				Silty clay, Dark Brown, Moist, Stiff, No Odor.	0		
6								
7								
8								
9								
10								
	TNF2-1-10				Silty clay with gravel, Black, Moist to Wet, No Odor.			
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite
14								
15								
16								
17								
18								
19								
20								

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO:TNF2-2

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/21/98		10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist, no odor.		SM	
	TNF2-2 S					0		
2								
3								
	TNF2-2-3				Lean Clay with Sand, Some Coal, Brown to Dark Brown,	0	CL	
4					Moist, Low Plasticity, No Odor.			
5								
	TNF2-2-5				Poorly graded sand, Gray-Brown, Moist, No Odor.	0	SP	
6								
7								
8								
9								
10								
	TNF2-2-10				Poorly graded sand, Gray, Very Moist, No Odor.			Boring Terminated at 10 Feet bgs.
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
10								

LOGGED BY: SCOTT ROWERS

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SOIL BORING LOG

BORING NO: TNF3-1

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/21/98		12 Foot bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	
1	TNF3-1-0		■			0		
2								
3	TNF3-1-3		■		Lean Clay with Sand, Brown, Slightly Moist, Low	0	CL	
4					Plasticity, No Odor.			
5	TNF3-1-5		■		Silty Clay, Brown, Slightly Moist, Stiff, No Odor.		CM	
6								
7								
8								V at 8 Foot bgs.
9								
10	TNF3-1-10		■		Poorly graded sand, Black, Dry to Moist, No Odor		SP	
11					Poorly graded sand, Brown, Moist to wet, No Odor			
12								Boring Terminated at 12 Feet bgs.
13								Total Depth = 12 feet.
14								Boring terminated at depth sufficient for investigation.
15								Boring grouted with hydrated bentonite.
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	TNF3-2
SHEE	1 OF 1
PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/21/98		1st Hole 3.5 Feet
	3rd Hole 6 feet	2nd Hole 5 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TNF3-2-S				Silty sand, brown, moist,	0	SM	
2								
3	TNF3-2-3							Rock Refusal at 3.5 - Redrill.
4								
5								Not enough material recovered for sample analysis.
6								
7								Possible Rubble Refusals at 5 and 6 Feet.
8								Total Depth = 5 feet Boring terminated at depth sufficient for investigation. Boring grouted with hydrated bentonite.
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

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SOIL BORING LOG

BORING NO:TNF6-1

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/19/98		Refusals at 5, 6, 7 Feet
		Each: 18 Feet Total

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	TNF6-1-5				Lean Clay with Sand, with gravel-mica, serpentine, medium plasticity, moist, no odor.	0	CL	
3	TNF6-1-3				Poorly graded sand with gravel, Brown, Moist, Gravel-Angular, No	0	SP	Brick Debris.
5	TNF6-1-5					0		
10	TNF6-1-10							
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation
13								Boring grouted with hydrated bentonite

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SOIL BORING LOG

BORING NO:TNF6-2

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/19/98		15 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	
1	TNF6-2-5					0		
2								
3					Lean clay with sand, brown, Dry to Moist, Low Plasticity.	0	CL	
4								Brick Debris.
5	TNF6-2-5					0		
6								
7								Brick Debris.
8								
9								
10	TNF6-2-10				GRAVELLY SAND Dark brown, Very Moist, No Odor		SP	
11								
12								
13								
14								
15	TNF6-2-15				Poorly graded gravel with sand, Black, Moist, Angular, No Odor		GP	Boring Terminated at 15 Feet bgs.
16								Total Depth = 15 feet
17								Boring terminated at depth sufficient for investigation.
18								Boring grouted with hydrated bentonite.
19								
20								

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SOIL BORING LOG

BORING NO:	TNF7-1
SHEET	1 OF 1
PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/19/98	9 Feet (3rd)	9.5 Feet (1st)
	27 Feet Total	8.5 Feet (2nd)

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	
1	TNF7-1-S		■			0		
2								
3	TNF7-1-3		■		Poorly graded sand, Brown-Gray, Moist, no odor.	0	SP	
4								
5	TNF7-1-5		■			0		
6								
7								
8								
9								
10	TNF7-1-10		■		1st Hole Stoped at 9.5 Feet due to Brick Refusals.			Brick Debris.
11								Total Depth = 10.1mt.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:TNF7-2

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/19/98	Collected Water Sample	10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.		SM	
	TNF7-2-5					0		
2								
3								
	TNF7-2-1				Poorly Graded Sand, Brown, Moist, No Odor	0	SP	
4								
5								
	TNF7-2-5					0		
6								
7								
8								
9								
10	TNF7-2-10							
					Poorly Graded Sand, Black, Moist to Wet, No Odor			
11								Total Depth = 10 feet,
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite
14								
15								
16								
17								
18								
19								
20								

LOGGED BY. SCOTT BOWERS

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SOIL BORING LOG

BORING NO:	TNF7-3
SHEET	1 OF 1
PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/19/98		10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
0					Silty sand, brown, moist.		SM	
1	TNF7-3-5					0		Masonry Debris.
2								
3	TNF7-3-5				Poorly graded sand, Brown, Moist, no odor	0	SP	Brick Debris.
4								
5	TNF7-3-5					0		
6								
7								
8								
9								
10	TNF7-3-10				Poorly graded sand, Green-Gray, Moist to wet. No Odor.			Boring Terminated at 10 Feet bgs.
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO: TNF7-4

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8C001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/19/98	Collected Water Sample	12 Feet, 10 Feet
		22 Feet Total

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	TNF7-4-5		■		Silty sand, brown, moist.	0	SM	
2								
3								
4	TNF7-4-4		■		Poorly graded sand, Brown, Moist, no odor.	0	SP	
5								
6	TNF7-4-6		■			0		
7								
8								
9								
10	TNF7-4-10		■		Poorly graded sand, Gray-Brown, Moist, No Odor.			
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	TNF8-1
SHEET	1 OF 1
PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/19/98	Collected Water Sample	10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	TNF8-1-5		■		Silty sand, brown, moist.	0	SM	
2								
3	TNF8-1-J		■		Poorly graded sand, Brown, Moist, no odor.	0	SP	
4								
5	TNF8-1-5		■			0		
6								
7								
8								
9								
10	TNF8-1-10		■		Poorly graded sand, Gray, Moist, No Odor.			
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:TNF8-2

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/19/98	Collected Water Sample	12 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	TNF8-2-1		■		Silty sand, brown, moist,	0	SM	
2								
3	TNF8-2-3		■		Poorly graded sand, Brown, Moist, no odor.	0	SP	
4								
5	TNF8-2-5		■			0		
6								
7								
8								
9					Poorly graded sand, Brown, Moist to wet, No Hydrocarbon Odor.			
10	TNF8-2-10		■		Poorly graded sand, black, moist to wet, no hydrocarbon odor.			
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

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SOIL BORING LOG

BORING NO: T1-1

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\18\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	HAND AUGER		
BORING DIAMETER:	2 IN	DEPTH:	6.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN.)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Well graded gravel with sand, fine to coarse sand, fine to		GW	6 IN AC.
1	T1-1-S		■		medium gravel, brown/gray, wet, cobbles.			Fill Debris.
2								
3	T1-1-3		■		Poorly graded sand, medium, gray, moist,		SP	Trench Sand.
4								
5								Total depth = 6.5 feet. Refusal at 6.5 Feet, Followed by Collapse of Cobbles Surrounding Hole. Appears to be Large Void Areas Under Street
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY Chris Merritt

SOIL BORING LOG

BORING NO:	T1-2
SHEET	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/18/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	15 Feet bgs

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/18/98	Initial	10
	Static	8

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T1-2-A				Silty sand, brown, moist.	0	SM	
2								
3	T1-2-B				Loan clay with snd, brown, moist, medium plasticity, no odor.		CL	
4					Poorly graded sand, black, moist,no odor.	0	SP	
5	T1-2-C					0		
6								
7								
8								
9					Silty clay, green-gray, moist to wet, high plasticity, no odor.		CM	
10	T1-2-D					0		
11								Total depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T1-3
SHEE	1 OF 1
PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/18/98	3rd Hole 6 Feet	1st Hole 5 Feet
		2nd Hole 4 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T1-1-5				Artificial Fill	0	SM	
2								Brick Debris. (Solid).
3	T1-3-4				Poorly graded sand mixed with debris.	0	SP	
4								Refusal at 4 Feet (2nd Hole).
5	T1-3-5					0		Refusal at 5 feet (1st Hole).
6								Boring Terminated at 6 Feet bgs.
7								Boring grouted with hydrated bentonite.
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
0								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T1-4

SHEE 1 OF 1

PROJECT NAME: CALTRANS SFW

PROJECT NUMBER: 8G001 SFW DATE:

NORTHINGS: EASTINGS:

DRILLING COMPANY: FISCH

DRILLING METHOD: GEOPROBE

BORING DIAMETER: 2 IN DEPTH:

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/18/98		12 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T1-4-2				Silty sand, brown, moist.	0	SM	
3	T1-4-4				Sandy clay, medium sand, Mottled, Dark to Light Brown, medium plasticity, moist, no odor.	0	CL	
5	T1-4-6				Poorly graded sand, gray-brown, moist, no odor	0	SP	
9					Sandy clay, Dark Brown to Black, Moist, Medium Plasticity, no odor.		CL	
10	T1-4-10				Silty clay, Dark Brown, Moist, Medium Plasticity, No Hydrocarbon Odor.		CM	
12								Drill to 12 Feet bgs for Water
13								Total depth = 12 feet,
14								Boring terminated at depth sufficient for investigation.
15								Boring grouted with hydrated bentonite
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	T1-5
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/19/98		10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	T1-5-5				Silty sand, brown, moist. Cobble Stones.	0	SM	
3	T1-5-5				Sandy clay, mottled light and dark brown, moist, medium plasticity, no odor.	0	CL	
5	T1-5-5					0		
9	T1-5-10				Poorly graded sand, dark brown to black, moist to wet, no odor.		SP	
11								Total depth = 10 feet. Boring terminated at depth sufficient for investigation. Boring grouted with hydrated bentonite.

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SOIL BORING LOG

BORING NO:	T2-2
SHEE	1 OF 1
PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/15/98		10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVA.	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T2-2-S				Silty sand, brown, moist.		SM	
2						0		
3	T2-2-3				Poorly graded sand, gray-brown, moist to wet, no odor.	0	SP	
4								
5	T2-2-5					0		
6								
7								
8								
9								
10	T2-2-10				Poorly graded sand, gray-brown, moist to wet, no odor.	0		
11								Total depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T2-3
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/18/98	3rd Hole 10 Feet	1st Hole 8 Feet
	Total 23 Feet	2nd Hole 5 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T2-1-5				Silty sand, brown, moist.	0	SM	
2								
3	T2-3-3				Sandy clay, light brown, moist, medium plasticity, no odor.	0	CL	
4								
5	T2-5-5				Poorly graded sand, dark brown, moist.	0	SP	Brick and Concrete Debris.
6								
7								
8								Refusal at 8 Feat (1st Hole).
9								Refusal at 5 Feet (2nd Hole)
10	T2-3-10				Well graded gravel with sand, angular, black, wet, no odor.	0	GW	Refusal at 10 Feet (3rd Hole). Wood Debris
11								Total depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T2-4
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/18/98		10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T2-4-S		■		Silty sand, brown, moist.	0	SM	
2								
3	T2-4-3		■		Sandy clay, Light Brown, Moist, Medium Plasticity, no odor.	0	CL	
4								
5	T2-4-5		■		Poorly graded sand, gray-brown, moist.	0	SP	
6								
7								
8								
9								
10	T2-4-10		■		Poorly graded sand, gray-black, moist, no odor.	0		Boring Terminated at 10 Feet bgs.
11								Total depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T2-5
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/18/98		15 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T2-5 S				Silty sand, brown, moist.	0	SM	
3	T2-5-3				Sandy clay, light brown, dry to moist, medium plasticity, no odor.	0	CL	
5	T2-5-5				Poorly graded sand, dark brown, moist, no odor.	0	SP	Brick Debris.
10	T2-5-10				Silty clay with Gravel, Angular, Gray, moist to wet, no Plasticity, No Odor	0	CM	
15	T2-5-15				Poorly graded sand, dark brown-gray, wet, no odor.		SP	Total depth = 15 feet. Boring terminated at depth sufficient for investigation. Boring grouted with hydrated bentonite.

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SOIL BORING LOG

BORING NO:	T3-1
SHEET	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/15/98		15 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T3-1-2				Silty sand, brown, moist.	0	SM	
3	T3-1-3				Poorly graded sand, gray-brown, no odor.	0	SP	Brick Debris Unknown White Powder Debris.
5	T3-1-5					0		
10	T3-1-10				Poorly graded sand, gray-brown, wet, no odor.	0		
15	T3-1-15				Poorly graded sand, gray-brown, wet, no odor.	0		Boring Terminated at 15 Feet bgs. Total depth = 15 feet. Boring terminated at depth sufficient for investigation. Boring grouted with hydrated bentonite.

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SOIL BORING LOG

BORING NO:	T3-2
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8C001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/15/98		12 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T3-2-S		■		Silty sand, brown, moist.	0	SM	
2								
3			■		Poorly graded sand, gray-brown, moist, no odor	0	SP	Native.
4								
5	T3-2-5		■					
6								
7								
8								
9								
10	T3-2-10		■		Poorly graded sand, gray-brown, moist, no odor.	0		
11								
12								Drill to 12 Feet to Collect Water
13								Total depth = 12 feet. Boring terminated at depth sufficient for investigation. Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T3-3
SHEE 1 OF 1	

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	#G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/15/98		10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.		SM	
	T3-3-S					0		
2								
3	T3-3-I				Sandy clay, Mottled Brown and Light Brown, Moist,	0	CL	
4					Medium Plasticity, No Odor.			
5	T3-3-S					0		
6								
7								
8								
9								
10	T3-3-W				Poorly graded sand, brown-gray, very moist.	0	SP	Boring Terminated at 10 Feet bgs.
								Total depth = 10 feet.
11								Boring terminated at depth sufficient for
12								investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO: T3-4

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/15/98		15 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T3-4-3				Silty sand, brown, moist.	0	SM	
2					Clayey sand, Brown, Moist, Medium Plasticity, No Odor		SC	
3	T3-4-5				Poorly graded sand, gray-brown, no odor.	0	SP	Brick Debris.
4								
5	T3-4-6					0		Brick Debris.
6								
7								
8								
9								
10	T3-4-10				Poorly graded sand, gray-brown, wet, no odor	0	SP	Boring Terminated at 15 Feet bgs.
11								Total depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT ROWERS

SOIL BORING LOG

BORING NO:	T4-1
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\18\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	10 Feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	T4-1 S				Poorly graded sand, medium, gray, moist.		SP	6 IN AC/Concrete. Trench Backfill. Sand.
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								Total depth = 10 feet. All trench sand. Boring terminated at depth sufficient for investigation.
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: T4-2

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/15/98		15 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T4-2-5				Silty sand, brown, moist.	0	SM	
2								
3	T4-2-5				Poorly graded sand, brown, moist, no odor.	0	SP	
4					Sandy clay, Dark Brown to Black, Medium Plasticity, Moist		CL	
5	T4-2-5				Sandy clay, Light Brown, dry to moist, Medium Plasticity, no	0		
6					odor			
7								
8								
9								
10	T4-2-10				Poorly graded sand, light brown to brown, moist, no odor	0	SP	
11								
12								
13								
14					Silty Clay, black, dry to moist, very low plasticity, no		CM	
15	T4-2-15				hydrocarbon odor	0		
16								Total depth -- 15 feet.
17								Boring terminated at depth sufficient for investigation.
18								Boring grouted with hydrated bentonite.
19								
20								

LOGGED BY: SCOTT BOWERS

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SOIL BORING LOG

BORING NO:	T4-3
SHEET	1 OF 1
PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/15/98		15 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T4-3-2				Silty sand, brown, moist.	0	SM	
3	T4-3-3				Sandy clay, Mottled Light and Dark Brown, Moist, Low Plasticity, No Odor.	0	CL	
5	T4-3-5				Sandy clay, Brown-Gray, Moist, Low Plasticity, No Odor	0		Brick Debris.
9					Sandy clay, Brown, Moist, Medium Plasticity.			No Odor.
10	T4-3-10				Poorly graded sand, gray-brown, moist to wet, no odor.	0	SP	
15	T4-3-15				Poorly graded sand, gray-brown, wet, no odor.	0		Total depth = 15 feet Boring terminated at depth sufficient for investigation. Boring grouted with hydrated bentonite.

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T4-4
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	BG001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/15/98		15 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	
1						0		
2								
3						0		
4								
5					Poorly graded sand, gray-brown, moist, no odor	0	SP	Brick Debris
6								
7								
8								
9								
10	T4-4-10				Poorly graded sand, gray-brown, wet, no odor.	0		
11								
12								
13								
14								
15	T4-4-15				Silty sand, black, moist to wet, No Hydrocarbon Odor.	0	SM	
16								Total depth = 15 feet
17								Boring terminated at depth sufficient for investigation.
18								Boring grouted with hydrated bentonite.
19								
20								

LOGGED BY SCOTT ROWERS

SOIL BORING LOG

BORING NO:	T4-5
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/15/98		15 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T4-5-3				Silty sand, brown, moist.	0	SM	Brick Debris.
3	T4-5-5					0		Brick Debris.
5	T4-5-8				Poorly graded sand, gray-brown, moist, no odor.	0	SP	Brick Debris.
10	T4-5-10				Poorly graded sand, gray-brown, moist, no odor.			
15	T4-5-15				Silty clay, black-gray, moist to wet, medium plasticity, no odor.		CM	Degraded Vegetation.
16								Total depth = 15 feet.
17								Boring terminated at depth sufficient for investigation.
18								Boring grouted with hydrated bentonite.
20								

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO: T5-1

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	5\18\98
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	PSI
DRILLING METHOD:	HAND AUGER
BORING DIAMETER:	
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1								Refusal.
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TS-2
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/28/98		15 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	TS-2-S				Silty sand, brown, moist.	0	SM	
3	TS-2-3					0		
4					Silty sand, brown.			
5	TS-2-5				Poorly graded sand, black, moist	0	SP	
9								Brick Debris.
10	TS-2-10				Poorly graded sand, brown, moist.	0		
15	TS-2-15				Poorly graded sand, gray-brown, moist.	0		
16								Total depth = 15 feet.
17								Boring terminated at depth sufficient for investigation
18								Boring grouted with hydrated bentonite.

LOGGED BY: SCOTT BOWERS

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SOIL BORING LOG

BORING NO:	T5-3
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
9/14/98		15 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T5-3-1				Silty sand, brown, moist.		SM	
2					Silty sand, Orange-Brown, Moist, No Odor.	0		
3	T5-3-3							
4						0		
5								Brick Debris.
6	T5-3-6				Poorly graded sand, gray-brown, dry to moist, no odor.	0	SP	
7								
8								
9								
10	T5-3-10							
11								
12								
13								
14								
15	T5-3-15				Lean clay with sand, gray-green, moist, low plasticity, sewage odor.		CL	
16								Total depth = 15 feet.
17								Boring terminated at depth sufficient for investigation.
18								Boring grouted with hydrated bentonite.
19								
20								

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T5-4
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/14/98		15 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.		SM	
	T5-4-5					0		
2					Poorly graded sand, gray-brown, moist, no odor.		SP	
3								
	T5-4-3					0		Rock Debris.
4								
5								
	T5-4-5							
6								
7								
8								
9								
10								
	T5-4-10				Poorly graded sand, gray-brown, moist to wet, no odor			V. Groundwater @ 10' bgs
11								Sample Collected.
12								
13								
14								
15					Fat clay with sand, green gray, moist, low plasticity, sewage		CH	
	T5-4-15				odor			Boring Terminated at 16 Feet bgs.
16								Total depth = 15 feet.
								Boring terminated at depth sufficient for
17								investigation.
								Boring grouted with hydrated bentonite.
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T5-5

SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW

PROJECT NUMBER: 8G001 SFW DATE:

NORTHINGS: EASTINGS:

DRILLING COMPANY: FISCH

DRILLING METHOD: GEOPROBE

BORING DIAMETER: 2 IN DEPTH:

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/15/98		15 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T5-5-5				Silty sand, brown, moist.	0	SM	
2								
3	T5-5-10					0		
4								
5	T5-5-15					0		
6								
7								
8								
9								
10	T5-5-20				Poorly graded sand, gray-brown, moist to wet, no odor		SP	Native.
11								
12								
13								
14								
15	T5-5-25				Silty clay, dark brown-gray, moist, medium plasticity, no odor		CM	Boring Terminated at 15 Feet bgs.
16								Total depth = 15 feet.
17								Boring terminated at depth sufficient for investigation.
18								Boring grouted with hydrated bentonite.
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T6-1
SHEE	1 OF 1
PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
		3 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T6-1-S				Silty sand, brown, moist.		SM	
2						0		
3	T6-1-3							
4						0		
5								
6	T6-1-6					0		
7								
8								
9								
10	T6-1-10				Poorly graded sand, gray-brown, moist to wet, no odor.		SP	Native.
11								
12								
13								
14								
15	T6-1-15				Silty clay, dark brown-gray, moist, medium plasticity, no odor.		CM	Boring Terminated at 15 Feet bgs.
16								Total depth = 15 feet
17								Boring terminated at depth sufficient for investigation.
18								Boring grouted with hydrated bentonite
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T6-2
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/14/98		10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T6-2-S				Silty sand, brown, moist.	0	SM	
2					Silty sand, Brown, Moist, No Odor			
3	T6-2-4					0		
4								
5	T6-2-5				Silty sand with Gravel, angular, Brown, Moist, No Odor.	0		
6								
7								
8								
9								
10	T6-2-10				Silty sand, Dark Brown, Moist, No Odor.	0		Boring terminated at 10 Feet bgs
11								Total depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO: T6-3

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/14/98	30 Feet bgs Total	10 Feet bgs - 1st Boring
		20 Feet bgs - 2nd Boring

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T6-3-0				Silty sand, brown, moist,	0	SM	
2					Clayey sand, Brown, dry to moist, No Odor.		SC	
3	T6-3-3				Silty sand, Brown, Moist, No Odor.	0	SM	
4								
5	T6-3-5					0		
6								
7								
8								
9					Poorly graded sand, Gray-Brown, Moist, No Odor		SP	
10					Lean clay with sand, Dark Brown, moist to wet, Medium		CL	
11	T6-3-10				medium plasticity, No Odor, Wood & Brick Debris	0		Boring Terminated at 10 Feet bgs
12								* Redrill and Sample 2nd Hole at 15 and 20 BGS.
13								
14								
15	T6-3-15				Clayey sand, Brown, Moist to wet, no odor.	0	SC	
16								
17								
18								
19								Total depth = 20 feet.
20	T6-3-20				SANDY CLAY: Brown, Moist, Medium Plasticity	0		Boring term nated at depth sufficient for investigation.
								Boring grouted with hydrated bentonite.

LOGGED BY: SCOTT BOWERS

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SOIL BORING LOG

BORING NO: T7-1

SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW

PROJECT NUMBER: 8G001 SFW DATE: 5\18\98

NORTHINGS: EASTINGS:

DRILLING COMPANY: PSI

DRILLING METHOD: HAND AUGER

BORING DIAMETER: DEPTH:

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1								Refusal
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: T7-2

SHEE 1 OF 1

PROJECT NAME: CALTRANS SFW

PROJECT NUMBER: 8G001 SFW DATE:

NORTHINGS: EASTINGS:

DRILLING COMPANY: FISCH

DRILLING METHOD: GEOPROBE

BORING DIAMETER: 2 IN DEPTH:

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/14/98		10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T7-2-0				Silty sand, brown, moist.	0	SM	
2					Clayey sand, Tan, moist, Low Plasticity, No Odor.		SC	Native.
3	T7-2-3				Loam clay with sand, Medium Brown, Moist, Medium Plasticity, No Odor.	0	CL	
4								
5	T7-2-5					0		
6								
7								
8								
9								
10	T7-2-10				Loam clay with sand, Brown, Moist, No Odor.	0	CL	Boring Terminated at 10 Feet bgs.
11								Total depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T7-3
SHEE	1 OF 1
PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/14/98	4th Hole Today	10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T7-3-2				Silty sand, brown, moist.	0	SM	
3	T7-3-3				Lean clay with sand, Medium to Dark Brown, dry to Moist, low to Medium Plasticity, No Odor.	0	CL	Native.
5	T7-3-5				Lean clay with Gravel, Angular, Medium to Dark Brown, Moist, Low Plasticity, No Odor.	0		
10	T7-3-10				Fat clay with gravel, brown, moist to wet, medium to high Plasticity, No Odor.	0	CH	Boring Terminated at 10 Feet bgs.
								Total depth - 10 feet.
								Boring terminated at depth sufficient for investigation
								Boring grouted with hydrated bentonite

LOGGED BY: SCOTT BOWERS

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SOIL BORING LOG

BORING NO:	T7-4
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SHW		
PROJECT NUMBER:	8G001 SHW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/14/98	5th Boring Today	10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T7-4-S				Silty sand, brown, moist.	0	SM	
2					Clayey sand, Mottled Light to Dark Brown, dry to moist, no odor.		SC	
3	T7-4-3				Silty clay, Brown, Moist, Medium to High Plasticity, No Odor.	0	CM	
4								
5	T7-4-5					0		
6								
7								
8								
9								
10	T7-4-10				Lean clay with sand, light brown, moist, medium plasticity, no odor, brick debris.	0	CL	Boring Terminated at 10 Feet bgs Total depth = 10 feet. Boring terminated at depth sufficient for investigation Boring grouted with hydrated bentonite.
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY. SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T8-1
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8C001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/12/98		5 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T8-1-1				Silty sand, brown, moist.	0	SM	
2					Sandy clay; Mottled Light Brown and Dark Brown, dry to Moist, Low Plasticity, No Odor.		CL	Native.
3	T8-1-3				Sandy clay, Dark Brown, Moist, Medium Plasticity, no odor.			
4								
5	T8-1-5							Boring Terminated at 5 Feet bgs
6								Total depth = 5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T8-2

SHEE 1 OF 1

PROJECT NAME: CALTRANS SFW

PROJECT NUMBER: 8G001 SFW DATE:

NORTHINGS: EASTINGS:

DRILLING COMPANY: FISCH

DRILLING METHOD: GEOPROBE

BORING DIAMETER: 2 IN DEPTH:

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/12/98		5 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T8-2-S		■		Silty sand, brown, moist.	0	SM	
2					Sandy clay, Dark Brown-Gray, moist, low plasticity, no odor.		CL	
3	T8-2-3		■		Sandy clay, Brown, Moist, Medium Plasticity, no odor.	0		
4								
5	T8-2-5		■		Sandy clay with weathered sandstone, mottled light brown	0		
6					and Dark Brown, Moist, Medium plasticity, no odor.			
7								Total depth = 5 feet.
8								Boring terminated at depth sufficient for investigation.
9								Boring grouted with hydrated bentonite.
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T8-3
SHEET	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/13/98		5 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T8-1-5				Silty sand, brown, moist.	0	SM	
2					Sandy clay, Dark Brown, Slightly Moist, Low plasticity, no odor.		CL	Native.
3	T8-3-5				Sandy clay, Brown, Moist, Medium Plasticity, no odor			
4								
5	T8-5-5							Boring Terminated at 5 Feet bgs
6								Total depth = 5 feet
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
9								
10								
11								
12								
13								
14								
15								
16								Total Depth = Feet bgs
17								Refusal at feet bgs
18								Boring terminated at depth sufficient for investigation
19								Groundwater encountered at feet bgs
20								Groundwater not encountered
								Boring grouted with hydrated bentonite

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T8-4
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8C001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/13/98		5 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.		SM	
	T8-4-2		■			0		
2					CLAYEY SAND: With Weathered SiltStone, Dark Brown		SC	
3								
	T8-4-3		■					
4								
5					Sandy clay, brown, moist, medium plasticity, no odor.		CL	
	T8-4-5		■					Boring Terminated at 5 Feet bgs.
6								Total depth = 5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T9-1
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8C001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/14/98	1st Boring of the Day	10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T9-1-1				Silty sand, brown, moist.	0	SM	
2					Sandy clay, Mottled Light Brown to Dark Brown, Moist, Low Plasticity, No Odor.		CL	Nativn.
3	T9-1-3				Sandy clay, Dark Brown, Moist, Medium Plasticity, No odor.			
4								
5								
6								
7								
8								
9								
10	T9-1-10				Clayey sand, light brown, moist, no hydrocarbon odor.	0	SC	Terminated at 10 Feet bgs.
11								Total depth = 10 feet
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T9-2
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/13/98		15 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.		SM	
	T9-2-2		■			0		
2					Sandy clay, Dark Brown, Slightly Moist, Medium		CL	
					Plasticity, No Hydrocarbon Odor.			
3								Wood debris.
4								
5								
6								
7								
8								
9								
10								
	T9-2-10		■		Sandy clay, Brown, Moist, Low Plasticity.	0		
11					No Hydrocarbon Odor			
12								
13								
14								
15					Sandy clay, light brown to light orange, moist, low plasticity,			
	T9-2-15		■		no hydrocarbon odor.	0		Terminated at 15 Feet bgs.
16								Total depth = 15 feet.
								Boring terminated at depth sufficient for
17								investigation.
								Boring grouted with hydrated bentonite.
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T9-3
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/14/98		10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T9-3-5				Silty sand, brown, moist.	0	SM	
2					Sandy clay, Dark Brown, Slightly Moist, low plasticity, no odor.		CL	
3	T9-3-3				Clayey gravel, Dark Brown, No Odor.	0	GC	
4								
5	T9-3-5							
6								
7					Poorly graded sand with gravel, Mottled, Light and Dark brown, no odor.		SP	
8								
9								
10	T9-3-10					0		Boring Terminated at 10 Feet bgs.
11								Total depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T10-1
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	6G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/13/98		12 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T10-1-2				Silty sand, brown, moist.	0	SM	
2					Sandy clay, Gray Brown, Moist to wet, Medium to High Plasticity, No Hydrocarbon Odor.		CL	
3	T10-1-4					0		
4								
5	T10-1-6				Sandy clay, Brown, Moist to wet, Medium Plasticity, No Hydrocarbon Odor.	0		
6								
7								
8								
9								
10	T10-1-10				Silt with gravel, Gray, Wet, No Hydrocarbon Odor.	0	ML	
11								
12								Drill to 12 Feet to Collect Water.
13								Total depth 12 feet.
14								Boring terminated at depth sufficient for investigation.
15								Boring grouted with hydrated bentonite.
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T10-2
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/13/98		5 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T10-2-S				Sandy clay, light brown, low plasticity, damp, no hydrocarbon odor.	0	CL	
2								Native.
3	T10-2-3					0		
4								
5	T10-2-5					0		Boring Terminated at 5 Foot bgs.
6								Total depth = 5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T10-3

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/13/98		5 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T10-3-S				Silty sand, brown, moist.	0	SM	
2								
3	T10-3-3				Loan clay with sand, Brown, Moist, Medium Plasticity,	0	CL	
4					No Hydrocarbon Odor.			
5	T10-3-5				Loan Clay with Sand, Brown, Wet, Medium Plasticity, No Hydrocarbon Odor.	0		Boring Terminated at 5 Feet bgs.
6								Total depth = 5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
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LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO: T11-1

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/13/98		5 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T11-1-S		■		Silty sand, brown, moist.	0	SM	
2					Silty Sand, Fine, Brown, Moist, No Hydrocarbon Odor.			
3	T11-1-S		■		Silty sand, fine, Light Brown to Orange, Damp,	0		
4					No Hydrocarbon Odor.			
5	T11-1-S		■		Lean clay with sand, gray-brown, moist, low to medium Plasticity, No Odor.	0	CL	Boring Terminated at 5 Feet bgs.
6								Total depth = 5 feet
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite
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LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T11-2

SHEE 1 OF 1

PROJECT NAME: CALTRANS SFW

PROJECT NUMBER: 8G001 SFW DATE:

NORTHINGS: EASTINGS:

DRILLING COMPANY: FISCH

DRILLING METHOD: GEOPROBE

BORING DIAMETER: 2 IN DEPTH:

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/13/98		5 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN.)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T11-2-S				Silty sand, brown, moist.	0	SM	
2					Silty Sand, Fine, Brown, Moist, No Hydrocarbon Odor.			
3	T11-2-3					0		
4								
5	T11-2-5				Silty lean clay with sand, brown, moist, low plasticity, no odor.	0	CL	Boring Terminated at 5 Feet bgs.
6								Total depth = 5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite
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LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T11-3

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/13/98		5 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T11-3-0				Silty sand, fine, light brown, damp, no hydrocarbon odor.	0	SM	
2								
3	T11-3-3				Clayey sand, Brown, Moist, No Hydrocarbon Odor.		SC	
4								
5	T11-3-5							Boring Terminated at 5 Feet bgs.
6								Total depth = 5 feet
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
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LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T12-1

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/13/98	3rd Boring Today	5 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
0					Silty sand, fine, tan, moist, no hydrocarbon odor.		SM	
1	T12-1-S		■			0		
2								
3	T12-1-3		■			0		
4								
5	T12-1-5		■			0		Boring Terminated at 5 Feet bgs.
6								Total depth – 5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
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LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

Continous core w/Macro core

BORING NO: T12-2

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	7/2/98
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	Fisch Env. (Rick)
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	3 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
7/2/98		10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T12-2-5		■		Silty sand, brown, moist.		SM	Asphalt.
2								
3	T12-2-3		■		Clayey sand, Orange-brown, Moist, Poorly Graded, No Odor.		SC	Native.
4								
5	T12-2-5		■		Lean clay with sand, brown, moist, medium plasticity, no odor.		CL	
6								
7								Wood Debris.
8								
9								
10	T12-2-10		■					
11								Total depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO:	TF31-1
SHEET	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	10 Feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	TF31-1-S		■		Silty Sand, Brown, Moist.	0	SM	
3	TF31-1-S		■		Poorly Graded Sand, Brown, Moist, No Odor.	0	SP	Slag Debris.
5								No Recoverable Sample.
8	TF31-1-S		■		Clayey Sand, Brown, Moist.		SC	
10	TF31-1-S		■					Boring Terminated at 10 Feet bgs.
11								Total depth - 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	TF32-1
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/28/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	20 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Silty Sand, fine to medium, brown, moist, no odor.			
1	TF32-1-2					0		Artificial Fill.
2								Glass debris.
3	TF32-1-3					0		
4								
5	TF32-1-5					0		
6								
7								
8								
9								
10	TF32-1-10					0		
11								
12								
13								
14					Poorly Graded Sand, brown, moist, no odor.		SP	
15	TF32-1-15					0		
16								
17								
18								
19								Total Depth = 20 feet.
20	TF32-1-20					0		Boring terminated at depth sufficient for investigation.
								Boring grouted with hydrated bentonite.

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T12-3
SHEET	1 OF 1
PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	80001 SFW
DATE:	
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/13/98		5 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T12-3-S				Silty sand, dark brown, moist, no odor	0	SM	
2								
3					Clayey Sand, Brown, Moist, No Odor, some silt.		SC	
4								
5	T12-3-5							Boring Terminated at 5 Feet bgs.
6								Total depth = 5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
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LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T13-1

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	SG001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/13/98		5 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T13-1-2				Lean Clay with Sand, Light Brown, Moist, Low Plasticity, No Odor.	0	CL	
2								
3	T13-1-3					0		
4								
5	T13-1-5					0		Boring Terminated at 5 Feet bgs.
6								Total depth = 5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
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0								

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T13-2
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	6G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/13/98		5 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T13-2-S				Silty sand, brown, moist.	0	SM	
2								
3	T13-2-S				Silty sand, Fine, Brown, Moist, No Hydrocarbon Odor.	0		
4								
5	T13-2-S					0		Boring Terminated at 5 Feet bgs.
6								Total depth = 5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
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LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T13-3

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/13/98	2nd Hole Today	5 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T13-3-S		■		Silty sand, fine, brown, moist, no odor.	0	SM	
2								
3	T13-3-I		■		Silty clay with sand, fine, Brown to Dark Brown, Moist, Low Plasticity, No Odor	0	CM	
4								
5	T13-3-S		■			0		Boring Terminated at 5 Feet bgs.
6								Total depth = 5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
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LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T14-1
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/11/98		5 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN.)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
0					Clayey Sand, Tan, Moist.		SC	
1	T14-1-S					0		
2								Native at 1.5 Feet.
3	T14-1-2				Lean Clay with Sand, Brown, Moist, Medium Plasticity, No	0	CL	
4					Odor.			
5	T14-1-5				Lean Clay with Sand, Brown, Moist, Medium Plasticity, No Odor.	0		Boring Terminated at 5 Feet bgs.
6								Total depth = 5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
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LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO: T14-2

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE: 5\8\98	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/11/98		5 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T14-2-S		■		Silty sand, brown, moist.	0	SM	
2								Native at 2.5 Feet.
3	T14-2-5		■		Loam Clay with Sand, Brown, Low Plasticity.		CL	
4								
5	T14-2-5		■					Boring Terminated at 5 Feet.
6								Total depth = 5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
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LOGGED BY: SCOTT ROWERS

SOIL BORING LOG

BORING NO:	T14-3
SHEET	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8C001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/11/98		5 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T14-1-3				Silty sand, brown, moist.	0	SM	
2					Lean Clay with Sand, Brown, Moist, Low Plasticity		CL	Native at 1.5 Feet.
3	T14-3-3							
4								
5	T14-5-5							Boring Terminated at 5 Feet bgs.
6								Total depth = 5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
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LOGGED BY: SCOTT BOWERS

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SOIL BORING LOG

BORING NO:	T16-1
SHEET	1 OF 1
PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8C001 SFW
DATE:	
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/12/98	Refusal at 1.5 Foot, Redrill/Ref	3 feet.
	Again at 1.5 Feet	3 Refusals at 2.0 Foot Each

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T16-1 S				Silty sand, brown, moist.	0	SM	Concrete With Rebar.
2								Total Depth = 3 feet
3								Refusal at 2 feet.
4								Boring grouted with hydrated bentonite
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6								
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LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T17-1

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	5\8\98
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/11/98		4 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T17-1-3				Silty sand, brown, moist.	0	SM	Native at 1 Foot.
2								
3	T17-1-5							
4								Concrete Refusal at 4 Feet.
5								Total Depth = 4 feet.
6								Refusal at 4 feet.
7								Boring grouted with hydrated bentonite.
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LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T15-1

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8C001 SFW	DATE:	5\6\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/12/98	Moved to Inside Parking Lot	5 Feet
	At Left Column	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1					Lean Clay with Sand, Brown with Olive, Low to Medium Plasticity, No Odor.		CL	
	T15-1-S					0		
2								Native at 2.5 Feet.
3	T15-1-3				Silty sand, Fine, brown, Moist, No Hydrocarbon Odor.		SM	
4								
5	T15-1-5							Boring Terminated at 5 Feet bgs.
6								Total depth = 5 feet.
								Boring terminated at depth sufficient for investigation.
7								Boring grouted with hydrated bentonite.
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LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T15-2
SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW
PROJECT NUMBER: 8G001 SFW DATE: 5\8\98
NORTHINGS: EASTINGS:
DRILLING COMPANY: FISCH
DRILLING METHOD: GEOPROBE
BORING DIAMETER: 2 IN DEPTH:

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/11/98		5 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T15-2-S				Silty sand, brown, moist.	0	SM	
2								Native at 2.5 Feet.
3	T15-2-S				Sandy Silt, Tan, Moist, No Odor.		ML	
4								
5	T15-2-S							Boring Terminated at 5 Feet bgs.
6								Total depth = 5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
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LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	T15-3
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8C001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/11/98	2 Natives Within 5 Foot	5 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T15-3 S				Silty sand, brown, moist.	0	SM	
2								Native at 2.5 Foot.
3	T15-3-3				Sandy Silt, Tan, Moist, No Odor.		ML	
4								
5	T15-3-5							Boring Terminated at 5 Feet bgs.
6								Total depth = 5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
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LOGGED BY: SCOTT BOWERS

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SOIL BORING LOG

BORING NO:	T18-1
SHEET	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/8/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/11/98		10 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T18-1-5		■		Silty sand, brown, moist.	0	SM	Native at 1.5 Feet.
3	T18-1-3		■		Brick (Fill).			
4					Lean Clay with Sand, Brown, Moist, Low Plasticity, No Odor.	0	CL	
5	T18-1-5		■					
9					Sandy Silt, Light Brown, No Odor.		ML	
10	T18-1-10		■			0		Boring Terminated at 10 Feet bgs
11								Total depth - 10 feet.
12								Boring terminated at depth sufficient for investigation.
								Boring grouted with hydrated bentonite.

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO: T19-1

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/11/98		2 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1					Weathered Sandstone.			
2					Bedrock.			Refusal at 2 Feet.
3								Total Depth = 2 feet.
4								Refusal at 2 feet.
5								Boring grouted with hydrated bentonite.
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T19-2

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8C001 SFW	DATE: 5\6\98	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/11/98		5 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T19-2-S				Silty sand, brown, moist.	0	SM	
2								
3	T19-2-1				Weathered Shale - Franciscan.	0		
4								
5	T19-2-2					0		Boring Terminated at 5 Feet Due to Bedrock
6								Total depth =5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

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SOIL BORING LOG

BORING NO:	T20-1
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/11/98		6 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T20-1-2		■		Fill, Shale.	0		
2								
3	T20-1-3		■		Weathered Sandstone. Not Enough Material To Collect Sample.			
4								
5								
6	T20-1-6		■					Boring Terminated at 6 Feet bgs.
7								Total depth = 6 feet.
8								Boring terminated at depth sufficient for investigation.
9								Boring grouted with hydrated bentonite
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T20-2

SHEET 1 OF 1

PROJECT NAME: CALTRANS SFW

PROJECT NUMBER: 8G001 SFW DATE: 5\8\98

NORTHINGS: EASTINGS:

DRILLING COMPANY: FISCH

DRILLING METHOD: GEOPROBE

BORING DIAMETER: 2 IN DEPTH:

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/8/98		5 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T20-2-1				Silty sand, brown, moist.	0	SM	
2								
3	T20-2-3				Weathered Sandstone.	0		
4					Light Brown to Gray.			
5	T20-2-5							Boring Terminated at 5 Feet bgs.
6								Total depth = 5 feet.
7								Boring terminated at depth sufficient for investigation.
8								Boring grouted with hydrated bentonite.
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T22-1

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\19\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	3 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Well graded gravel with sand, gray/brown, dry.		GW	
2					Shale Gravel And Cobbles.			
3								
4								Refusal At 3 Feet.
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	T22-2
SHEE	1 OF 1
PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	5/8\98
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/8/98		4 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T22-2-S				Mudstone, Silt Stone.			Native.
2					Brown.			
3	T22-2-D							
4								Bedrock at 4 Feet.
5								Total depth = 4 feet.
6								Boring terminated at depth sufficient for investigation.
7								Boring grouted with hydrated bentonite.
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T23-2

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\19\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	1.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1		6 IN 4 IN			Well graded sand with gravel, fine to coarse sand, fine to medium gravel and cobbles, dark gray, dry.		SW	
2								REFUSAL AT 1.5 Feet
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: T24-1
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\19\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	T24-1-S				Silty sand, fine, light orange/brown, dry.		SM	
3	T24-1-3.0							
5	T24-1-5.0							
6	T24-1-6.5							Max Hand Auger Extent.

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: T24-2

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE: 5\8\98	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/8/98	Adjacent West of Tim Drilling	16 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T24-2-5				Silty sand, brown, moist.	0	SM	
3	T24-2-3				Silty sand, brown, moist.	0		
5	T24-2-5				Silty Clay, Brown Red, Low plasticity, Damp, No Hydrocarbon Odor.	0	CM	
10	T24-2-10				Silty Clay, Tan, Low Plasticity, Moist, No Hydrocarbon Odor.			Boring Terminated at 10 Feet bgs.
11								Total depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: T27-2

SHEET 1 OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/7/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hallow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	40.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Clayey sand with gravel, fine to coarse sand and gravel,		SC	Asphalt.
1		12		17	brownish gray, dry, low plasticity.			
				19				
2				24				
				10	Clayey sand with gravel as described above.			Fill materials.
3		9		18				
				27				
4				18				
				10	Clayey sand with gravel as described above.			
5		14		10				
				12				
6								
7								
8								
9								
10				5	Clayey sand with gravel as described above.			Concrete debris.
				7				
11		6		8				
12								
13								
14								
15				3	Clayey sand with gravel as described above.			Missed sample.
16		10		5				
				7				
17				6	Clayey gravel with sand, fine to coarse sand and gravel,		GC	Concrete and wood.
				7	brown, moist, low plasticity.			Wood slag.
18				10				
19								
20					Log continues downward.			

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO: T27-2
SHEET 2 OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	BG001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hollow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	40.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Clayey gravel with sand as described above.		GC	Brick debris in sample.
21		6		15				
				27				
22				29				
23								Auger refusal, driller moves 10' parallel with force.
24								
25				10	Clayey gravel with sand as described above			Iron spike noted in cuttings.
26		7		12				
				19				
27								
28								
29								
30				17	Clayey gravel with sand as described above.			Concrete debris.
31		7		18				
				26				
32								
33								
34								
35				15	Sandy gravel with some clay as described above, dry to moist.			May be native material.
36		14		28				
				34				
37								
38								
39								Total Depth = 41.5 feet.
				27	Sandy gravel as describe above.			Boring terminated at depth sufficient for investigation.
40		18		35				No groundwater encountered.
				27				Boring grouted with neat cement.

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO: T24-3

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\6\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/8/98		1 Foot

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	T24-3-S				Bedrock at 1 Foot.			Bedrock.
2								Total depth = 1 foot.
								Boring terminated at depth sufficient for investigation.
3								Boring grouted with hydrated bentonite.
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO: T25-1

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\12\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W	
DRILLING METHOD:		8 Inch Hollow Stem Auger	
BORING DIAMETER:	8 IN	DEPTH:	20.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1				12	GRAVELLY SAND: Damp, Fine to Coarse Sand,			6 IN AC + Base
				15	Fine to Medium Gravels, Trace Fines, Dark Brown			Fill to ~2.5 Feet
2				22				
3					SILTY SAND: Brown, Damp,			
				10	Fine to Medium Sand			
4				15				
				17				
5				10				
				12	CLAYEY SAND: Brown, (LT), Damp, Fine			
6				15	Sand, Trace Gravel			
7								
8								
9								
10								
				30	SANDY GRAVEL: Brown, Mottled, Damp			Mudstone Gravel
11				50/	Fine Sand, Fine to Medium Gravel			
12								
13					\\\\\\\			
					Silt/Mudstone Shale			
14								
15								
16								
17								
18								
19								
20								Total depth 20.5 feet

LOGGED BY:

SOIL BORING LOG

BORING NO: T25-2
SHEET 1 OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/4/95
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hallow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	31 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN.)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1		10		15 19 28	Gravelly lean clay with sand, fine to coarse sand and gravel, brown, moist, low to medium plasticity.		CL	
3		12		6 10 20	Clayey gravel with sand, fine to coarse sand and gravel, brown, damp to moist, low plasticity.		GC	No fill materials observed.
5		14		12 15 24	Clayey gravel with sand as described above.			No fill materials observed. Bedrock encountered Mudstone encountered.
10		15		12 18 18	Clayey gravel with sand as described above.			
15		14		7 15 20	Clayey gravel with sand as described above.			
20		14 14 15			Log continues downward.			

LOGGED BY TIM O'BRIEN

SOIL BORING LOG

BORING NO: T25-2
SHEET 2 OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hallow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	31 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
				14	Silty sand, fine to medium sand, tan, dry, low to medium		SM	
21				15	plasticity			
		16		15				Weakly indurated.
22								
23								
24								
25								
				10	Silty Sand as described above.			Weakly indurated.
26		16		27				
				29				
27								
28								
29								
30					Silty sand as described above.			Sample refusal
31								150 blows for 6 inches.
								Total Depth = 31 feet.
32								Boring terminated at depth sufficient for investigation.
33								No groundwater encountered
								Boring grouted with neat cement.
34								
35								
36								
37								
38								
39								
40								

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO: T25-3
SHEET 1 OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/8/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hallow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	31 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Clayey gravel with sand, fine to coarse sand and gravel,		GC	
1		16		9	brown, moist, low plasticity			
				12				Brick fragments.
2				15				
3								
				7				No fill materials.
4		14		8				
				11	Clayey gravel with sand as described above.			
5								
				8				No fill materials.
6		13		10				
				16	Clayey gravel with sand as described above.			
7								
8								
9								
10								
				8	Gravelly lean clay with sand, fine to coarse sand and gravel,		CL	Gravel and Mudstone encountered
11		16		8	brown, moist, medium plasticity.			
				10				
12								
13								
14								
15								
				8				No fill debris noted
16				15				
				20	Gravelly lean clay with sand as described above.			
17								
18								
19								
20								
					Log continues downward			

LOGGED BY TIM O'BRIEN

SOIL BORING LOG

BORING NO: T2532
SHEET 2 OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/8/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hallow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	31 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Gravelly lean clay with sand as described above.		CL	Sample refusal.
21		6		35				
				50+				
22								
23								
24								
25				38				Sandstone noted in sample.
26		6		50+	Gravelly lean clay with sand as described above.			
27								
28								
29								
30				18				Sample refusal.
31		5		50+	Gravelly lean clay with sand as described above.			Total Depth = 31 feet.
32								Boring terminated at depth sufficient for investigation.
33								No groundwater encountered.
34								Boring grouted with neat cement.
35								
36								
37								
38								
39								
40								

LOGGED BY TIM O'BRIEN

SOIL BORING LOG

BORING NO: T26-1
SHEET 1 OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/11/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hollow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	31.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
0					Gravelly lean clay with sand, fine to coarse sand and gravel		CL	Asphalt.
1		12		15	brown, moist, low to medium plasticity.			
				19				
2				23				
3				5	Gravelly lean clay with sand as described above.			Brick fragments.
		16		6				
4				9				
5				7	Sandy lean clay, fine to coarse sand, fine gravel, brown, moist,			Fill.
		18		9	low to medium plasticity.			
6				13				
7								
8								
9								
10				9	Clayey gravel with sand, fine to coarse sand and gravel,		GC	Mudstone, no obvious fill debris.
		17		17	brown, dry to moist			
11				18				
12								
13								
14								
15				3	Clayey gravel with sand as described above.			
				6				
16				10				
17								
18								
19								
20					Log continues downward.			

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO: T26-1
SHEET 2 OF 2

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	V & W Drilling
DRILLING METHOD:	Hollow Stem Auger
BORING DIAMETER:	8-inch
DEPTH:	31.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
20				7	Clayey gravel with sand as described above.		GC	No fill materials observed.
21		16		11				
				13				
22								
23								
24								
25								
				11	Clayey gravel with sand as described above.			No fill.
26		9		15				
				19				
27								
28								
29								
30								
				11	Clayey gravel with sand as described above.			
31		14		15				
				24				
32								Total Depth = 31.5 feet.
								Boring terminated at depth sufficient for investigation.
33								No groundwater encountered.
34								Boring grouted with neat cement.
35								
36								
37								
38								
39								
40								

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO: T26-2
SHEET 1 OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/11/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hallow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	36.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
0					Clayey gravel with sand, fine to coarse sand and gravel.		GC	Asphalt.
1		10		7	greenish brown, moist, low plasticity.			
				9				
2				15				
3								
				5	Sandy lean clay with gravel, fine to coarse sand and gravel.		CL	Brick fragments.
4		16		6	brown, moist, medium plasticity.			
				8				
5								
				6	Sandy lean clay with gravel as described above.			Brick fragments.
6		8		7				
				7				
7								
8								
9								
10								
				4	Clayey sand with gravel, fine to coarse sand and gravel.		SC	Mudstone in sample.
11		17		8	brown, moist, low to medium plasticity.			
				12				
12								
13								
14								
15								
				8	Clayey gravel with sand, fine to coarse sand and gravel.		GC	
16				13	brown, moist, low plasticity			
				15				
17								
18								
19								
20					Log continues downward.			

LOGGED BY TIM O'BRIEN

SOIL BORING LOG

BORING NO:	T26-2
SHEET 2	OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8C001 SFW	DATE:	5/11/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hallow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	35.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
21		8		5	Clayey gravel with sand as described above.		GC	Mudstone.
				15				
				22				
22								
23								
24								
25				6	Clayey gravel with sand as described above.			Mudstone.
26		9		12				
				15				
27								
28								
29								
30				9	Clayey gravel with sand as described above.			Mudstone.
31		9		15				
				20				
32								
33								
34								
35				14	Clayey gravel with sand as described above.			
36				15				
				19				
37								Total Depth = 36.5 feet
38								Boring terminated at depth sufficient for investigation.
								No groundwater encountered.
39								Boring grouted with neat cement.
40								

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO: T27-1

SHEET 1 OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/7/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hallow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	31.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
0					Clayey gravel with sand, fine to coarse sand and gravel,		GC	Asphalt.
1				12	greenish brown, moist, low plasticity.			
				14				
2				22				
3								
				13	Clayey sand with gravel, fine to coarse sand and gravel.		SC	Brick debris noted.
4		12		18	brown, moist, moderate plasticity			
				26				
5								
				22	Clayey sand with gravel as described above.			Concrete and brick debris noted.
6		15		25				
				27				
7								
8								
9								
10								
				12	Clayey sand, fine to coarse sand, brown, moist, low to		SC	No fill debris observed.
11		8		14	moderate plasticity.			
				19				
12								
13								
14								
15								
				5	Clayey sand as described above.			Brick and concrete.
16		10		6				
				8				
17								
18								
19								
20					Log continues downward			

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO: T27-1
SHEET 2 OF 2

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8C001 SFW	DATE:	5/7/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hallow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	31.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
21		10		8	Clayey sand as described above.		SC	Asphalt (degraded) observed in sample.
				12				
				15				
25				6	Sandy lean clay, fine to coarse sand, brown, moist, moderate		CL	No fill material observed.
26		9		9	to high plasticity.			
				9				
30				8	Sandy lean clay as described above.			No fill debris
31		12		9				
				10				
32								Total Depth = 31.5 feet.
								Boring terminated at depth sufficient for
33								investigation.
								No groundwater encountered.
34								Boring grouted with neat cement.
35								
36								
37								
38								
39								
40								

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO: T28-1
SHEET 1 OF 3

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/6/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:	HSA	Hallow Stem Augor	
BORING DIAMETER:	8-inch	DEPTH:	56 5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN.)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
0					Clayey sand with gravel, fine to coarse sand and gravel,		SC	Asphalt surface.
1					brown, moist, moderate plasticity.			Trouble in collecting surface sample,
2			X					poor recovery.
								Hand auger used to collect composite
3								sample.
				9	Clayey sand with gravel as described above.			Broken brick noted.
4				10				Fill materials.
				14				
5								
				10				
6		10"		11				Brick and concrete debris.
				25				
7								
8								
9								
10								
				8	Clayey sand with gravel as described above.			Brick and concrete.
11		13		10				
				12				
12								
13								
14								
15								
				8	Clayey gravel with sand, fine to coarse sand and gravel,		GC	Brick and concrete.
16				9	brown, moist, moderate plasticity.			
				9				
17								
18								
19								
20					Log continues downward			

LOGGED BY TIM O'BRIEN

SOIL BORING LOG

BORING NO: T28-1

SHEET 2 OF 3

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hollow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	56.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
21		8		4	Clayey gravel with sand as described above.		GC	Painted wood observed in sample.
				4				
				6				
22								
23								
24								
25								
				8	Clayey gravel with sand as described above.			Wood and Percal noted in sample.
26		14		9				
				15				
27								
28								
29								
30				9	Clayey sand with gravel, fine to coarse sand and gravel,		SC	Bricks and concrete in sample.
				15	brown, moist, low to moderate plasticity.			Quartzite.
31		12		22				
32								
33								
34								
35								
		10		50+	Clayey sand with grave as described above.			Bricks and concrete debris in sample.
36								Drilling slows.
37								
38								
39								
40					Log continues downward.			

LOGGED BY TIM O'BRIEN

SOIL BORING LOG

BORING NO: T28-1
SHEET 3 OF 3

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/6/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hollow Stem Auger	
BORING DIAMETER:	8-inch	DEPTH:	56.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
41		7		15 45 50+	Clayey sand with gravel, fine to coarse sand and gravel, tan brown, dry, moderate plasticity.		SC	May be bedrock level.
42								
43								
44								
45				12 14 21	Clayey sand with gravel as described above			No fill debris noted.
46								
47								
48								
49								
50				7 13 20	Sandy loan clay, fine to coarse sand, brown, moist, moderate plasticity.		CL	
51								
52								
53								
54								
55				17 22 38	Sandy loan clay as described above.			
56								
57								Total Depth = 56.5 feet. Boring terminated at depth sufficient for investigation. No groundwater encountered. Boring grouted with neat cement.
58								
59								
60								

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO: T28-2
SHEET 1 OF 3

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/6/08
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		V & W Drilling	
DRILLING METHOD:		Hollow Stem Auger	
BORING DIAMETER:	8-Inch	DEPTH:	60.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
0					Clayey sand with gravel, fine to coarse sand and gravel, brown, dry to moist, low plasticity.		SC	Fill rock in sample.
1		6		20				
2								
3								
4								
5				13	Clayey sand with gravel as described above.			
6				23				
		7		35				
7				18	Clayey sand with gravel as described above			
				20				
8		10		27				
9								
10				18	Clayey sand with gravel as described above			
11				25				
				32				
12								
13								
14								
15				27	Clayey gravel with sand, fine to coarse sand and gravel, brown, dry to moist, low to moderate plasticity		GC	Resampled due to post recovery concrete. Cobble blocked sample. Sample mixed between 15" and 16" intervals due to poor recovery.
16		3		50+				
		5		68				
17								
18								
19								
20					Log continues downward.			

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO: T28-2
SHEET 2 OF 3

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	5/6/98
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	V & W Drilling
DRILLING METHOD:	Hallow Stem Auger
BORING DIAMETER:	8-inch
DEPTH:	60.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
21		9		11 14 24	Clayey gravel with sand as described above.		GC	Fill material serpentine and concrete debris noted.
25		9		11 15 20	Clayey gravel with sand as described above.			
30		12		7 22 28	Clayey gravel with sand as described above.			Brick observed in sample.
35				11 16 28	Clayey gravel with sand as described above.			Concrete debris observed.
40					Log continues downward.			

LOGGED BY: TIM O'BRIEN

SOIL BORING LOG

BORING NO: T28-2
SHEET 3 OF 3

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	5/6/98
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	V & W Drilling
DRILLING METHOD:	Hallow Stem Auger
BORING DIAMETER:	8-inch
DEPTH:	60.5 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
41				20	Clayey sand with gravel, fine to coarse sand and gravel,		SC	
				26	brown, moist, low to medium plasticity.			
				30				
42								
43								
44								
45								
				10	Clayey gravel with sand, fine to coarse sand and gravel,		GC	Glass observed in sample.
46		12		48	brown, moist, moderate plasticity.			
				50+				
47								
48								
49								
50				10	Clayey gravel as described above.			Possibly nearing the native fill boundry.
				11				Gravel consists of claystone
51				15				
52								
53								
54								
55				50+	Well graded gravel with sand, fine to coarse sand and gravel,		GW	Sample refusal, direct resample.
56					brown, moist, medium plasticity.			Composite sample collected
								Gravel is hard sandstone and mudstone.
57								Wet, tried to sample but no water. Will put
								auger and hope water enters borin[illegible]. No
58								water - Driller drills to 65'. Still no water
								Pull augers and check lot.
59								Total Depth = 60.5 feet.
				18	Sandy gravel as above			Boring terminated at depth sufficient for
60				25				investigation.
				32	Hole carved to 54' no water sample collected.			No groundwater encountered.

LOGGED BY: TIM O'BRIEN

Boring grouted with neat cement.

SOIL BORING LOG

BORING NO:	TH22-1
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/8/98	Top of Parking Lot	15 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Silty sand, brown, moist,		SM	Asphalt.
1	TH22-1-2					0		
2								
3	TH22-1-3				Silty sand, brown, moist.	0		
4								
5	TH22-1-5				Silty sand, brown, moist.	0		
6								
7								
8								
9					Lean Clay with Sand, Brown, Moist, Low to Medium Plasticity,		CL	Native at 8.5 Feet.
					No Hydrocarbon Odor.			
10	TH22-1-10					0		
11								
12								
13								
14								
15					Lean Clay with Sand, Brown, Moist, Low to Medium Plasticity,			
	TH22-1-15				No Hydrocarbon Odor.	0		Boring Terminated at 15 Feet bgs.
16								Total Depth = 15 feet.
17								Boring terminated at depth sufficient for investigation.
18								Boring grouted with hydrated bentonite.
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NOTH 23-1

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	5\6\98
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/6/98	Mid Parking Lot	15 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	Asphalt.
1								
	TH23-1-3		■			0		
2								
3								
	TH23-1-5		■			0		
4								
5								
	TH23-1-8		■			0		
6								
7								
8								Native at 8 Feet.
9					Loam Clay with Sand, Brown, Low to Medium Plasticity, Moist.			
					No Hydrocarbon Odor			
10								
	TH23-1-10		■			0		
11								
12								
13								
14								
15					Loam Clay with Sand, Orange Brown, Moist, Low to Medium			
	TH23-1-15		■		Plasticity. No Hydrocarbon Odor.	0		Boring Terminated at 15 Feet bgs
16								Total Depth = 15 feet.
								Boring terminated at depth sufficient for
17								investigation.
								Boring grouted with hydrated bentonite.
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	TH24-1
SHEE 1 OF 1	

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8C001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/8/98		15 Foot

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	
1	TH24-1-5		■			0		
2								
3	TH24-1-3		■		Lean Clay with Sand, Brown, Moist, Low to Medium Plasticity,	0	CL	Native.
4					No Odor.			
5	TH24-1-5		■		Clayey sand, Brownish Orange, Low Plasticity, Moist,	0	SC	
6					No Odor.			
7								
8								
9								
10	TH24-1-10		■		Clayey sand, Brownish Orange, Low Plasticity, Moist,	0		
11					No Odor.			
12								
13								
14					Schist, Mica, Strata, Decomposed Serpentonite		CL	
15	TH24-1-15		■		Lean Clay with Sand, Gray, moist, No Hydrocarbon Odor.	0		
16								Total Depth = 15 feet.
17								Boring terminated at depth sufficient for investigation.
18								Boring grouted with hydrated bentonite.
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	TH25-1
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5\8\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/8/98		15 Feet

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	TH25-1-3				Lean clay with sand, brown, moist, low plasticity, no odor.	0	CL	Concrete (6 in thick below asphalt).
2								
3	TH25-1-4					0		Native.
4								
5	TH25-1-5					0		
6								
7								
8								
9								
10	TH25-1-10				Lean Clay with sand, Brown to Dark Brown, Moist, Medium Plasticity, No Odor	0		
11								
12								
13								
14								
15	TH25-1-15					0		Boring Terminated at 15 Feet bgs
16								Total Depth = 15 feet.
17								Boring completed at depth sufficient for investigation.
18								Boring grouted with hydrated bentonite
19								
20								

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO:	TH26-1
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001.SFW	DATE:	5\0\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	6.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	TH26-1-S				Poorly graded sand, fine to coarse, brown, dry.		SP	
1								
2								
3								Occasional brick and concrete fragment.
4	TH26-1-3.0				Poor graded sand with gravel, fine to medium sand and gravel, brown, dry, some cobbles.			
5								
6	TH26-1-5.0							
7	TH26-1-6.5							Refusal at 7 feet.
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	TH27-1
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	6\1\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Poorly graded sand with gravel, fine to medium sand with brick fragments, brown dry.		SP	
1								Boring completed at depth sufficient for investigation.
2								Backfilled with Bentonite pellets.
3								Total depth .5 feet.
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY Chris Merritt

SOIL BORING LOG

BORING NO: TF21-1
SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	6\3\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	1 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN.)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	TF21-0-1				Poorly graded sand, medium with concrete fragments, dark brown, moist.		SP	
1								
2	TF21-1-1							
3								Boring completed at depth sufficient for investigation.
4								Backfilled with Bentonite pellets.
5								Total depth 1 foot
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TF22-1
SHEET 1	OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	6\1\98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:		HAND AUGER	
BORING DIAMETER:	2 IN	DEPTH:	2.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	B11-0				Poorly graded sand with gravel, fine to medium sand with brick fragments, brown dry.		SP	
1								
2	B11-2.5							
3								Boring completed at depth sufficient for investigation
4								Backfilled with Bentonite pellets
5								Total depth 2.5 feet
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

F:\8g001\work\boring\8g001tw\TF22-1

SOIL BORING LOG

BORING NO: TF27-1

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/20/98	MW next to Boring has been Improperly Abandoned	10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	TF27-1-5				Silty sand, brown, moist.	0	SM	
2								
3	TF27-1-3				Lean Clay with Sand, Brown-Orange, Slightly Moist, Medium Plasticity, No Odor.	0	CL	
4								
5	TF27-1-5							
6								
7								
8								
9					Silty Clay, Light Brown, Dry to Moist, No Odor, Stiff.		CM	
10	TF27-1-10							Boring Terminated at 10 Feet bgs.
11								Total depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	TF28-1
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/20/99
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	10 Feet bgs

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	TF28-1-5		■		Silty Sand, Brown, Moist.	0	SM	
2								
3	TF28-1-3		■		Poorly Graded Sand, Moist, Brown, No odor.	0	SP	
4								
5	TF28-1-5		■					
6								
7								
8								
9								
10	TF28-1-10		■					Boring Terminated at 10 Feet bgs.
11								Total depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO:	TF29-1
SHEE 1 OF 1	

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	10 Feet bgs

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	
1	TF29-1-5		■			0		
2								Brick Debris.
3	TF29-1-3		■		Clayey sand, Brown to Dark Brown, Slightly Moist,	0	SC	Minimal Sample Recovery
4					Low Plasticity.			at 3 Feet and 5 Feet.
5	TF29-1-5		■					
6								
7								
8								
9					Silty Clay, Brown, moist, High Plasticity, No Odor		CM	
10	TF29-1-10		■					Boring Terminated at 10 Feet bgs.
11								Total depth = 10 feet
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	TF30-1
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	5/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	10 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	
1	TF30-1-2					0		Brick Debris.
2								
3	TF30-1-3				Poorly graded sand, Gray-Brown, Moist, No Odor	0	SP	
4								
5								Not enough material to recover sample.
6								Brick Debris.
7								
8								
9							CL	
10	TF30-1-10				Lean Clay with Sand, Dark Brown, Moist, Medium Plasticity. No Odor			Boring Terminated at 10 Feet bgs.
11								Total depth = 10 foot
								Boring terminated at depth sufficient for
12								investigation
								Boring grouted with hydrated bentonite.
13								
14								
15								
16								
17								
18								
19								
0								

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO: TF33-1

SHEE 1 OF 1

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/20/98		15 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	TF33-1-2		■		Silty sand, brown, moist,	0	SM	
2								Brick Debris.
3	TF33-1-3		■		Sandy Gravelly Clay, Brown, Moist, Low Plasticity	0	CL	Brick Debris.
4								
5	TF33-1-5		■			0		
6								
7								
8								
9								
10	TF33-1-10		■		Poorly graded sand with gravel, Angular, Brown, Slightly Moist,		SP	
11					No Odor.			
12								
13								
14								
15					Bedrock.			Not enough material to collect a sample.
16								Total Depth - 16 feet.
17								Boring terminated at depth sufficient for investigation.
18								Boring grouted with hydrated bentonite.
19								
20								

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SOIL BORING LOG

BORING NO: TF34-1

SHEET 1 OF 1

PROJECT NAME:	CALTRANS SFW
PROJECT NUMBER:	8G001 SFW
DATE:	
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	FISCH
DRILLING METHOD:	GEOPROBE
BORING DIAMETER:	2 IN
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/20/08		10 Feet bgs

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
0					Silty sand, brown, moist.		SM	
1	TF34-1-5		■			0		
2								
3			■		Lean Clay with Sand, Light Brown, Moist, Medium Plasticity.	0	CL	
4					No Odor.			
5	TF34-1-5		■			0		
6					Poorly graded sand, Brown-Gray, Moist, No Hydrocarbon		SP	
7					Odor.			
8								
9								
10	TF34-1-10		■					Boring Terminated at 10 Feet bgs.
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with hydrated bentonite
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	TF35-1
SHEET	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8C001 SFW	DATE:	5/20/08
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	6 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	TF35-1 a		■		Silty sand, brown, moist.	0	SM	
2								Brick debris.
3	TF35-1 b		■		Gravelly Sandy Clay, mottled dark and light brown, angular gravel, moist, medium plasticity.	0	CL	Brick debris.
4								
5	TF35-1 c		■		Sandy Clay, brown, moist, Medium Plasticity.	0		Concrete debris at 6 feet bgs
6								Total Depth = 6 feet.
7								Boring terminated at depth sufficient for investigation
8								Boring grouted with hydrated bentonite
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO:	TF36-1
SHEE	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE.	14 Feet bgs
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 IN	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
5/20/98		

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
1	TF36-1-S		■		Silty sand, brown, moist.		SM	
2								Brick Debris.
3	TF36-1-3		■		Silty sand, brown, moist.			
4								Slag Debris.
5	TF36-1-5		■		Silty sand, brown, moist.			
6								
7								
8								
9								
10								
11								
12								
13								
14	TF36-1-14		■					Brick Refusal at 14 FEET bgs.
15								Total Depth = 14 feet.
16								Boring terminated at depth sufficient for investigation.
17								Boring grouted with hydrated bentonite.
18								
19								
20								

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SOIL BORING LOG

BORING NO:	TNF36-1
SHEET	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	6/23/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE (MACRO-CORE)	
BORING DIAMETER:	2 in.	DEPTH:	16 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TNF-37-1.0-0				Silty Sand, fine to medium sand, brown, moist, no odor.	0	SM	Asphalt.
								Artificial fill.
2								Charcoal, slag, and brick debris.
3	TNF-37-3.0-5					0		Brick debris.
4								
5	TNF-37-5.0-5					0		Refusal
6								Total Depth = 5 Feet
								Boring terminated due to refusal.
7								Boring grouted with hydrated bentonite.
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	TNF37-1
SHEET	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	6/23/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE (MACRO-CORE)	
BORING DIAMETER:	2 in.	DEPTH:	16 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Silty Sand, fine to medium sand, brown, moist, no odor.		SM	Asphalt.
1	TNF-37-1-0.0					0		Artificial fill.
2								Charcoal, slag, and brick debris.
3	TNF-37-1-3.0					0		Brick debris
4								
5	TNF-37-1-5.0					0		Refusal
6								Total Depth = 5 Feet
								Boring terminated due to refusal
								Boring grouted with hydrated bentonite.
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	TNF38-1
SHEET	1 OF 1

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	6/27/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE (MACRO-CORE)	
BORING DIAMETER:	2 in.	DEPTH:	5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Silty Sand, fine to medium sand, brown, moist, no odor		SM	Asphalt.
1	TNF-38-1-0.0					0		Artificial fill.
2								Charcoal, slag, and brick debris.
3	TNF-38-1-3.0					0		Brick debris.
4								
5	TNF-38-1-5.0					0		Refusal
6								Total Depth = 5 Feet
								Boring terminated due to refusal.
								Boring grouted with hydrated bentonite.
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO: A1
SHEET 1 OF 1

PROJECT NAME	Caltrans; Bay Bridge West Approach		
PROJECT NUMBER	575.8G001	DATE	2/4/98
NORTHINGS		EASTINGS	
DRILLING COMPANY	Fisch Environmental		
DRILLING METHOD	Geoprobe		
BORING DIAMETER	2 inches	DEPTH	20 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	A1-4				Silt with gravel and clay, brown, moist.	0	ML	Asphalt Artificial fill.
3	A1-8					0		
4					Silt, as described above.			
5	A1-12					0		
6								
7								
8								
9					Poorly graded sand with silt, fine to medium, gray, moist to wet		SP	
10	A1-16					0		
11								
12								
13								
14					Clay with silt, gray, moist, medium plasticity.		CL	Organic decay odor Bay mud
15	A1-18					0		
16								
17								
18					Clay, as described above.			
19								Total depth = 20 feet Boring terminated at depth sufficient for overnight
20	A1-20					0		Boring grouted with neat cement.

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SOIL BORING LOG

BORING NO:	A2
SHEET 1	OF 1

PROJECT NAME:	Caltrans: Bay Bridge West Approach		
PROJECT NUMBER:	575-8C001	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch Environmental	
DRILLING METHOD:	Geoprobe		
BORING DIAMETER:	2 inches	DEPTH:	20 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silt with gravel and clay, brown, moist,		ML	Asphalt.
1	A2-1					0		Artificial fill.
2								
3	A2-2					0		
4					Silt, as described above.			
5	A2-3					0		
6								
7								
8								
9					Peaty grained sand with silt, fine to medium, gray, moist to wet.		SP	
10	A2-10					0		
11								
12								
13								
14					Clay with silt, gray, moist, medium plasticity		CL	Organic decay odor.
15	A2-15					0		Bay mud.
16								
17								
18					Clay, as described above			
19								
20	A2-20					0		Total depth = 20 feet Boring terminated at depth sufficient for investigation Boring grouted with neat cement

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SOIL BORING LOG

BORING NO:	A3
SHEET 1	OF 1

PROJECT NAME:	Caltrans' Bay Bridge West Approach		
PROJECT NUMBER:	575-8G001	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch Environmental	
DRILLING METHOD:	Geoprobe		
BORING DIAMETER:	2 inches	DEPTH:	20 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (%)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	A3-A				Silt with gravel and clay, brown, moist.		ML	Asphalt.
								Artificial fill.
2						0		
3	A3-B							
4						0		
5					Silt, as described above.			
6	A3-C					0		
7								
8								
9								
10					Poorly graded sand with silt, fine to medium, gray, moist to wet.		SP	
11	A3-D					0		
12								
13								
14					Clay with silt, gray, moist, medium plasticity.		CL	Organic decay odor.
15	A3-E					0		Bay mud
16								
17								
18					Clay, as described above.			
19								Total depth = 20 feet.
20	A3-20					0		Boring terminated at depth sufficient for investigation.
								Boring grouted with neat cement.

LOGGED BY: SCOTT BOWLES

SOIL BORING LOG

BORING NO:	A4
SHEET 1 OF	1

PROJECT NAME:	Caltrans: Bay Bridge West Approach		
PROJECT NUMBER:	575-8G001	DATE	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	Fisch Environmental		
DRILLING METHOD:	Geoprobe		
BORING DIAMETER:	2 inches	DEPTH:	20 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (%)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	A4-1				Silt with gravel and clay, brown, moist.	0	ML	Asphalt Artificial fill.
2								
3	A4-3					0		
4					Silt, as described above			
5	A4-5					0		
6								
7								
8								
9								
10	A4-10				Poorly graded sand with silt, fine to medium, gray, moist to wet.	0	SP	
11								
12								
13								
14								
15	A4-15				Clay with silt, gray, moist, medium plasticity	0	CL	Organic decay odor Bay mud.
16								
17								
18								
19					Clay, as described above			Total depth: 20 feet Boring terminated at depth sufficient for investigation Boring grouted with neat cement.
20	A4-20					0		

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO:	A7
SHEET 1	OF 1

PROJECT NAME:	Caltrans Bay Bridge West Approach		
PROJECT NUMBER:	575-8G001	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Cisch Environmental	
DRILLING METHOD:	Geoprobe		
BORING DIAMETER:	2 inches	DEPTH:	20 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN.)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	A7-1				Silt with gravel and clay, brown, moist	0	ML	Asphalt. Artificial fill.
3	A7-3					0		
4					Silt, as described above.			
5	A7-5					0		
6								
7								
8								
9					Poorly graded sand with silt, fine to medium, gray, moist to wet		SP	
10	A7-10					0		
11								
12								
13								
14					Clay with silt, gray, moist, medium plasticity.		CL	Organic decay odor. Bay mud.
15	A7-15					0		
16								
17								
18					Clay, as described above.			
19								Total depth = 20 feet. Boring terminated at depth sufficient for investigation.
20	A7-20					0		Boring grouted with neat cement.

LOGGED BY SCOTT DOWNES

SOIL BORING LOG

BORING NO:	A8
SHEET 1	OF 1

PROJECT NAME:	Caltrans: Bay Bridge West Approach		
PROJECT NUMBER:	575-8G001	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch Environmental	
DRILLING METHOD:	Geoprobe		
BORING DIAMETER:	2 inches	DEPTH:	20 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Poorly graded sand with silt, (medium), Brown, moist		SP	
1	A8-A					0		
2								
3						0		
4	A8-5							
5						0		
6	A8-A							
7								
8								
9								
10								
	A8-10					0		
11								
12								
13								
14								
					Clayey sand, fine to medium, moist, stiff,		SC	
15								
	A8-15					0		
16								
17								
18								
19								
20						0		Total depth = 20 feet Boring terminated at depth sufficient for investigation. Boring grouted with neat cement
	A8-20							

LOGGED BY SCOTT HOWERS

SOIL BORING LOG

BORING NO: A9
SHEET 1 OF 1

PROJECT NAME	Caltrans, Bay Bridge West Approach		
PROJECT NUMBER:	6754/6001	DATE	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY		Fisch Environmental	
DRILLING METHOD	Geoprobe		
BORING DIAMETER:	2 inches	DEPTH	20 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (%)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	A9-1				Poorly graded sand with silt, medium, brown, moist.	0	SP	
2								
3	A9-3					0		
4								
5	A9-5					0		
6								
7								
8								
9								
10	A9-10					0		
11								
12								
13								
14								
15	A9-15				Clayey sand, fine to medium, moist, stiff	0	SC	
16								
17								
18								
19								Total depth = 20 feet Boring term noted at depth sufficient for investigation Boring grouted with neat cement
20	A9-20					0		

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO:	A10
SHEET	1 OF 1

PROJECT NAME:	Caltrans: Bay Bridge West Approach		
PROJECT NUMBER:	575-8Q001	DATE:	
NORTHINGS:		EASTINGS	
DRILLING COMPANY:		Fisch Environmental	
DRILLING METHOD:	Geoprobe		
BORING DIAMETER:	2 inches	DEPTH:	20 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Poorly graded sand with silt, medium, brown, moist.		SP	
1	A10-1					0		
2								
3						0		
4	A10-3							
5						0		
6	A10-6							
7								
8								
9								
10								
11	A10-10					0		
12								
13								
14								
15					Clayey sand, fine to medium, moist, soft.		SC	
16	A10-15					0		
17								
18								
19								
20	A10-20					0		Total depth = 20 feet. Boring terminated at depth sufficient for investigation. Boring grouted with neat cement.

LOGGED BY SCOTT BOWLES

SOIL BORING LOG

BORING NO: A11

SHEET 1 OF 1

PROJECT NAME:	Caltrans: Bay Bridge West Approach
PROJECT NUMBER:	575-6C001
DATE:	
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	Fisch Environmental
DRILLING METHOD:	Geoprobe
BORING DIAMETER:	2 inches
DEPTH:	10 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (in)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Poorly graded sand with silt, medium, brown, moist.		SP	
	A11-A					0		
2								
3						0		
	A11-B							
4								
5						0		
	A11-C							
6								
7								
8								
9								
10								
	A11-10					0		
11								Total depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with neat cement.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY SCOTT BOWLERS

SOIL BORING LOG

BORING NO: A12

SHEET 1 OF 1

PROJECT NAME:	Caltrans Bay Bridge West Approach		
PROJECT NUMBER:	575-8G001	DATE:	
NORTHINGS:		EASTINGS	
DRILLING COMPANY:		Fisch Environmental	
DRILLING METHOD:	Geoprobe		
BORING DIAMETER:	3 inches	DEPTH:	15 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (ft)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Poorly graded sand with silt, medium, brown, moist.		SP	
1	A12-1					0		
2								
3						0		
4	A12-5							
5						0		
6	A12-6							
7								
8								
9								
10								
11	A12-10					0		
12								
13								
14								
15	A12-15					0		
16								Total depth = 15 feet
17								Boring terminated at depth sufficient for investigation.
18								Boring grouted with neat cement
19								
20								

LOGGED BY SCOTT ROWERS

SOIL BORING LOG

BORING NO: A13
SHEET 1 OF 1

PROJECT NAME	Caltrans Bay Bridge West Approach		
PROJECT NUMBER	575-6G001	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch Environmental	
DRILLING METHOD:	Geoprobe		
BORING DIAMETER:	2 inches	DEPTH:	10 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	A13-1				Poorly graded sand with silt, medium, brown, moist.	0	SP	
2								
3	A13-3					0		
4								
5	A13-5					0		
6								
7								
8								
9								
10	A13-10					0		
11								Total depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Boring grouted with neat cement.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY SCOTT DOWNS

SOIL BORING LOG

BORING NO: A14

SHEET 1 OF 1

PROJECT NAME:	Caltrans: Bay Bridge West Approach
PROJECT NUMBER:	575-60001
DATE:	
NORTHINGS:	
EASTINGS:	
DRILLING COMPANY:	Fisch Environmental
DRILLING METHOD:	Geoprobe
BORING DIAMETER:	2 inches
DEPTH:	8 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (ft)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	A14-1	4 (50)			Sandy lean clay with sand and silt, fine to medium sand, brown, moist, medium plasticity	0	CL	
2								
3	A14-2					0		
4								
5	A14-3				Silt with sand, yellow to brown, moist, no odor	0	ML	
6								Total Depth = 6 feet Refusal at 6 feet. Boring grouted with neat cement.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY SCOTT BOWLES

SOIL BORING LOG

BORING NO:	A15
SHEET 1	OF 1

PROJECT NAME:	Caltrans: Bay Bridge West Approach		
PROJECT NUMBER:	575-8G001	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch Environmental	
DRILLING METHOD:	Geoprobe		
BORING DIAMETER:	2 inches	DEPTH:	10 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	A15-1	4			Lean clay with silt, brown, moist, medium plasticity, no odor.	0	CL	Asphalt, concrete.
2								
3	A15-3					0		
4								
5	A15-5	6			Lean clay with silt and sand, fine sand, poorly graded.	0		
6								
7								
8								
9								
10								Total depth = 10 feet.
11								Refusal at 10 feet.
12								Second hole refusal at 1 feet.
13								Third hole refusal at 1 feet.
14								Boring grouted with neat cement.
15								
16								
17								
18								
19								
20								

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO:	A16
SHEET 1	OF 1

PROJECT NAME:	Caltrans' Bay Bridge West Approach
PROJECT NUMBER:	575-6C001 DATE
NORTHINGS:	EASTINGS:
DRILLING COMPANY	Fisch Environmental
DRILLING METHOD:	Geoprobe
BORING DIAMETER:	2 inches DEPTH: 10 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
								Refusal.
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: A17

SHEET 1 OF 1

PROJECT NAME:	Caltrans, Bay Bridge West Approach		
PROJECT NUMBER:	575-8G001	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch Environmental	
DRILLING METHOD:	Geoprobe		
BORING DIAMETER:	2 Inches	DEPTH:	20 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silty sand, fine to medium sand, poorly graded, moist.		SM	Asphalt.
1	A17-1					0		
2								
3	A17-3					0		
4								
5	A17-5					0		
6								
7								
8								
9								
10	A17-10				Lean clay with silt, mottled tan and orange, damp, low plasticity, no odor.	0	CL	
11								
12								
13								
14								
15								
16								
17								
18								
19								Total depth = 20 feet
20	A17-20					0		Boring terminated at depth sufficient for investigation.
								Boring grouted with neat cement.

LOGGED BY: SCOTT BOWERS

SOIL BORING LOG

BORING NO: A18
SHEET 1 OF 1

PROJECT NAME:	Caltrans: Bay Bridge West Approach
PROJECT NUMBER:	875-8G001 DATE
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	Fisch Environmental
DRILLING METHOD:	Geoprobe
BORING DIAMETER:	2 inches DEPTH: 70 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Poorly graded sand with silt, medium, brown, moist		SP	
1	A18-0					0		
2								
3	A18-3					0		
4								
5	A18-5					0		
6								
7								
8								
9								
10	A18-10					0		
11								
12								
13								
14								
15	A18-15					0		
16								Total depth = 15 feet Boring terminated at depth sufficient for investigation Boring grouted with neat cement.
17								
18								
19								
20								

LOGGED BY SCOTT BOWERS

SOIL BORING LOG

BORING NO:	A19
SHEE 1 OF 1	

PROJECT NAME:	CALTRANS SFW		
PROJECT NUMBER:	8G001 SFW	DATE:	2/7/99
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		GEOPROBE	
BORING DIAMETER:	2 in.	DEPTH:	20 foot

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	FID (PPM)	USCS	REMARKS
					Silty Sand, fine to medium sand, brown, moist, no odor.		SM	Asphalt.
1	A19-2					0		Artifical fill.
2								Charcoal, slag, and brick debris.
3								
4	A19-4					0		Brick debris.
5	A19-6					0		
6								
7								
8								Color change to dark brown.
9								
10	A19-10					0		
11								
12								
13								
14					Silty Gravelly Clay, fine gravel, mottled dark brown and gray,		CL	
15					wet, medium to low plasticity, no odor.	0		
16	A19-16							
17								
18								
19								Total Depth = 20 foot
20	A19-20							Boring terminated at depth sufficient for investigation.
								Boring grouted with hydrated bentonite

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO: DTB33-1
SHEET 1 OF 1

PROJECT NAME:	Caltrans: Trans Bay Terminal		
PROJECT NUMBER:	676-8G001	DATE:	7/2/08
NORTHINGS:		EASTINGS	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB33-1-1				Poorly graded sand, medium, brown, dry.		SP	Concrete and brick
1								
2								
3	DTB33-1-3				Poorly graded sand, medium, brown, moist.			
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB33-2

SHEET 1 OF 1

PROJECT NAME:	Caltrans, Trans Bay Terminal		
PROJECT NUMBER	575-8G001	DATE:	7/2/98
NORTHINGS		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVA	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB33-2-0				Poorly graded sand, medium, brown, dry.		SP	Concrete and brick.
1								
2								
3	DTB33-2-3				Poorly graded sand, medium, brown, moist			
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigations
6								Boring filled with hydrated bentonite pellets
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	DTB34-1
SHEET 1	OF 1

PROJECT NAME:	Calleguas Trans Bay Terminal		
PROJECT NUMBER:	575-8G001	DATE:	7/2/08
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Poorly graded sand with gravel, fine to coarse sand, fine to		SP	4-6 inches of asphalt.
1	[illegible]				medium gravel, brown, moist.			
2								
3	[illegible]				Poorly graded sand, medium, brown moist.			
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB35-2
SHEET 1 OF 1

PROJECT NAME: Caltrans: Trans Bay Terminal
PROJECT NUMBER: 575-8G001 DATE: 7/2/98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: Hand Auger
BORING DIAMETER: 2 inches DEPTH: 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (ft)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Poorly graded sand, medium, brown, dry.		SP	Concrete and brick.
1								
2								
3					Poorly graded sand, medium, brown, moist			
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB36-1
SHEET 1 OF 1

PROJECT NAME:	Caltrans: Trans Bay Terminal		
PROJECT NUMBER:	575-6G001	DATE:	7/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY		PSI	
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
	DTB36-1A				Poorly graded sand, medium, brown, dry		SP	Concrete and brick.
1								
2								
3	DTB36-1B				Poorly graded sand, medium, brown, moist.			
4								Total depth = 3 feet.
								Boring terminated at depth sufficient for investigation.
5								Boring filled with hydrated bentonite pellets.
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	DTB36-2
SHEET	1 OF 1
PROJECT NAME:	Caltrans, Trans Bay Terminal
PROJECT NUMBER:	575-6G001 DATE: 7/2/98
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	PSI
DRILLING METHOD:	Hand Auger
BORING DIAMETER:	2 inches DEPTH: 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	[illegible]				Poorly graded sand with gravel, fine to coarse sand, fine to medium gravel, light to dark brown.		SP	
1								
2								
3	[illegible]				Rocks.			
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigations.
6								Boring filled with hydrated bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO:	DTB34-2
SHEET	1 OF 1

PROJECT NAME	Caltrans: Trans Bay Terminal		
PROJECT NUMBER:	575-8G001	DATE:	7/2/98
NORTHINGS		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Poorly graded sand with gravel, fine to coarse sand, fine to		SP	4-6 inches of asphalt.
1	DTB34-1-A				medium gravel, brown, moist			
2								
	DTB34-2-2				Poorly graded sand, medium, brown, moist			
3								
								Total depth = 3 feet.
4								Boring terminated at depth sufficient for investigation.
5								Boring filled with hydrated bentonite pellets.
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO:	DTB35-1
SHEET 1	OF 1

PROJECT NAME:	Caltrans' Trans Bay Terminal		
PROJECT NUMBER:	575-8G001	DATE:	7/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (%)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	cross s.s				Poorly graded sand, medium, dark brown, dry.		SP	Refusal due to concrete waste in area.
1								
2								
3								
4								Total depth = 3 feet. Refusal at 3 feet. Boring filled with hydrated bentonite pellets.
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO:	A5
SHEET 1	OF 1

PROJECT NAME:	Caltrans: Bay Bridge West Approach		
PROJECT NUMBER:	575-6G001	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY		Fisch Environmental	
DRILLING METHOD:	Geoprobe		
BORING DIAMETER:	2 inches	DEPTH	20 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (%)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Silt with gravel and clay, brown, moist		ML	Asphalt.
	A5-0					0		Artificial fill.
2								
3								
	A5-3					0		
4								
					Silt, as described above.			
5								
	A5-6					0		
6								
7								
8								
9								
					Poorly graded sand with silt, fine to medium, gray, moist to wet		SP	
10								
	A5-10					0		
11								
12								
13								
14								
					Clay with silt, gray, moist, medium plasticity		CL	Organic decay odor.
15								Bay Mud.
	A5-15					0		
16								
17								
18								
					Clay, as described above			
19								
								Total depth = 20 feet
20								Boring terminated at depth sufficient for investigation.
	A5-20					0		Boring grouted with neat cement.

LOGGED BY: SCOTT DOWERS

SOIL BORING LOG

BORING NO:	A6
SHEET	1 OF 1

PROJECT NAME:	Caltrans: Bay Bridge West Approach		
PROJECT NUMBER:	575-6G001	DATE	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch Environmental	
DRILLING METHOD:	Geoprobe		
BORING DIAMETER:	2 Inches	DEPTH:	20 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (ft)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silt with gravel and clay, brown, moist		ML	Asphalt.
1								Artificial fill.
2	A6-2					0		
3								
4	A6-4					0		
5					Silt, as described above.			
6	A6-6					0		
7								
8								
9								
10					Poorly graded sand with silt, fine to medium, gray, moist to wet.		SP	
11	A6-10					0		
12								
13								
14								
15					Clay with silt, gray, moist, medium plasticity		CL	Organic decay odor.
16	A6-15					0		Bay mud.
17								
18								
19					Clay, as described above.			
20	A6-20					0		Total depth = 20 feet. Boring terminated at depth sufficient for investigation. Boring grouted with neat cement.

LOGGED BY SCOTT BOWLES

SOIL BORING LOG

BORING NO:	DTB37-1
SHEET	1 OF 1

PROJECT NAME	Caltrans' Treas Bay Terminal		
PROJECT NUMBER	575-8G001	DATE:	7/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 Inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
	DTB37-1-0				Poorly graded sand, medium, dark brown, moist.		SP	Concrete and brick fragments.
1								
2								
3	DTB37-1-3							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	DTB37-2
SHEET 1	OF 1

PROJECT NAME:	Caltrans, Treat Bay Terminal		
PROJECT NUMBER:	575 8G001	DATE:	//2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB37-2-0				Poorly graded sand, medium, brown, dry.		SP	
1								
2					Clayey sand, fine to coarse sand, light brown, moist.		SC	
3	DTB37-2-3							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation
6								Backfilled with hydrated bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO:	DTB38-1
SHEET 1	OF 1

PROJECT NAME:	Caltrans: Trans Bay Terminal		
PROJECT NUMBER	575-RC001	DATE:	7/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Poorly graded sand, medium, brown, dry		SP	Concrete and brick fragments
1								
2								
3					Poorly graded sand, medium, brown, moist.			
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY CHRIS MCRITT

SOIL BORING LOG

BORING NO: DTB39-1
SHEET 1 OF 1

PROJECT NAME: Caltrans: Trans Bay Terminal
PROJECT NUMBER: 575-6G001 DATE: 7/2/08
NORTHINGS: EASTINGS
DRILLING COMPANY: PSI
DRILLING METHOD: Hand Auger
BORING DIAMETER: 2 inches DEPTH: 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB39-1 A				Poorly graded sand, medium, brown, dry.		SP	Concrete and brick fragments
1								
2								
3	DTB39-1 B				Poorly graded sand, medium, brown, moist			
4								Total depth = 3 feet
5								Boring termination at depth sufficient for investigation
6								Boring filled with hydrated bentonite pellets.
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO:	DTB39-2
SHEET 1	OF 1

PROJECT NAME	Caltrans: Treas Bay Terminal		
PROJECT NUMBER:	575-8G001	DATE:	7/2/99
NORTHINGS		EASTINGS:	
DRILLING COMPANY		PSI	
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 Inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB39-2-1				Poorly graded sand, medium, brown, dry.		SP	Concrete and brick fragments.
1								
2								
3	DTB39-2-2				Poorly graded sand, medium, brown, moist.			
4								Total depth – 3 feet.
								Boring terminated at depth sufficient for investigation.
5								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO:	DTB40-1
SHEET 1	OF 1

PROJECT NAME:	Caltrans, Trans Bay Terminal		
PROJECT NUMBER:	575-8C001	DATE:	7/2/08
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	Hand Augur		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB40-1-0				Poorly graded sand, medium brown, dry		SP	
1								
2								
3	DTB40-1-3							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB40-2

SHEET 1 OF 1

PROJECT NAME: Caltrans: Trans Bay Terminal

PROJECT NUMBER: 575-8G001 DATE 7/2/98

NORTHINGS: EASTINGS:

DRILLING COMPANY: PSI

DRILLING METHOD: Hand Auger

BORING DIAMETER: 2 inches DEPTH: 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB40 2-1				Poorly graded sand, medium, brown, dry.		SP	
1								
2					Clayey sand, fine to coarse sand, light brown, moist		SC	
3	DTB40 3-1							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	DTB41-1
SHEET 1	OF 1

PROJECT NAME:	Caltrans: Trans Bay Terminal		
PROJECT NUMBER:	575-8C001	DATE:	6/27/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (ft)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB41-1 @ 0-2'				Poorly graded sand, medium, brown, dry.		SP	
1								
2					Poorly graded sand, medium, brown, dry.			
3	DTB41-1 @ 3'							
4								Total depth = 3 feet. Boring terminated at depth sufficient for investigation. Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO:	DTB41-2
SHEET	1 OF 1

PROJECT NAME	Caltrans, Trans Bay Terminal		
PROJECT NUMBER	575-8G001	DATE	8/27/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY		PSI	
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB41-2 S				Poorly graded sand, medium, brown, dry.		SP	
1								
2								
3	DTB41-2-3							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO:	DTB42-1
SHEET 1	OF 1

PROJECT NAME:	Caltrans Trans Bay Terminal		
PROJECT NUMBER:	575-8C001	DATE:	8/27/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB42-1-0				Poorly graded sand, medium, brown, dry.		SP	
1								Debris, concrete
2								
3	DTB42-1-3							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	OTB42-2
SHEET	1 OF 1
PROJECT NAME:	Caltrans, Trans Bay Terminal
PROJECT NUMBER:	575.8G001 DATE: 8/27/98
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	PSI
DRILLING METHOD:	Hand Auger
BORING DIAMETER:	2 inches DEPTH: 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
	OTB42-1 S				Poorly graded sand, medium, brown, dry.		SP	
1								
2					Poorly graded sand, medium, brown, dry.			
3	OTB42-2 S							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB43-1
SHEET 1 OF 1

PROJECT NAME: Caltrans: Trans Bay Terminal
PROJECT NUMBER: 575-8G001 DATE 8/27/98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: Hand Auger
BORING DIAMETER: 2 inches DEPTH 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB43-1-0				Poorly graded sand, medium, brown, dry.		SP	
1								
2								
3	DTB43-1-3							
4								Total depth = 3 feet
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB43-2

SHEET 1 OF 1

PROJECT NAME: Caltrans: Trans Bay Terminal

PROJECT NUMBER: 675-8G001 DATE 8/27/98

NORTHINGS: EASTINGS:

DRILLING COMPANY: PSI

DRILLING METHOD: Hand Auger

BORING DIAMETER: 2 inches DEPTH: 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB43-2-S				Poorly graded sand, medium, brown, dry		SP	
1								
2								
3	DTB43-3-S							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO:	DTB44-1
SHEET 1	OF 1

PROJECT NAME:	Caltrans Trans Bay Terminal		
PROJECT NUMBER:	575-6G001	DATE:	6/27/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		PSI	
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (FT)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Poorly graded sand, medium, brown, dry.		SP	
1								Occasional debris, ash fragment.
2								
3								
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO:	DTB44-2
SHEET 1	OF 1

PROJECT NAME	Caltrans Trans Bay Terminal		
PROJECT NUMBER:	575-8G001	DATE:	6/27/08
NORTHINGS:		EASTINGS:	
DRILLING COMPANY		PSI	
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 Inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Poorly graded sand, medium, brown, dry.		SP	
1								
2					Clayey sand, fine to coarse sand, light brown, moist.		SC	
3								
4								Total depth = 3 feet
								Drilling terminated at depth sufficient for
5								investigation
								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB45-1

SHEET 1 OF 1

PROJECT NAME:	Caltrans: Trans Bay Terminal		
PROJECT NUMBER:	575-8G001	DATE:	6/27/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB45-1-0				Poorly graded sand, medium, brown, dry		SP	
1								
2					Poorly graded sand, medium, brown, damp.			
3	DTB45-1-3							
4								Total depth = 3 feet
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB45-2

SHEET 1 OF 1

PROJECT NAME	Caltrans: Trans Bay Terminal		
PROJECT NUMBER	575-8G001	DATE	5/27/98
NORTHINGS		EASTINGS	
DRILLING COMPANY	PSI		
DRILLING METHOD	Hand Auger		
BORING DIAMETER	2 inches	DEPTH	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	DTB45-2-1				Poorly graded sand with gravel, fine to coarse sand, fine to medium gravel, light to dark brown.		SP	
2								
3	DTB45-2-2							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB46-1

SHEET 1 OF 1

PROJECT NAME:	Caltrans: Trans Bay Terminal
PROJECT NUMBER:	575-6G001
DATE	6/27/98
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	PSI
DRILLING METHOD:	Hand Auger
BORING DIAMETER:	2 inches
DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB46-1-A				Poorly graded sand, medium, brown, dry.		SP	
1								
2					Clayey sand, fine to coarse sand, light brown, moist		SC	
3	DTB46-1-B							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB48-2
SHEET 1 OF 1

PROJECT NAME: Caltrans: Trans Bay Terminal
PROJECT NUMBER: 575-8G001 DATE: 6/27/98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: Hand Auger
BORING DIAMETER: 2 inches DEPTH: 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB48-2-1				Poorly graded sand, medium, brown, dry.		SP	
1								
2					Clayey sand, fine to coarse sand, light brown, moist		SC	
3	DTB48-2-2							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO:	DTB47-1
SHEET 1	OF 1
PROJECT NAME:	Caltrans' Trans Bay Terminal
PROJECT NUMBER:	575-8G001
DATE:	6/27/08
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	PSI
DRILLING METHOD:	Hand Auger
BORING DIAMETER:	2 inches
DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Poorly graded sand, medium, brown, dry		SP	
1								
2					Clayey sand, fine to coarse sand, light brown, moist.		SC	
3								
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB48-1

SHEET 1 OF 1

PROJECT NAME:	Caltrans: Trans Bay Terminal		
PROJECT NUMBER:	575-8G001	DATE:	6/27/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB48-1-0				Poorly graded sand, medium, brown, dry.		SP	
1								
2					Clayey sand, fine to coarse sand, light brown, moist.		SC	
3	DTB48-1-3							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB48-2

SHEET 1 OF 1

PROJECT NAME:	Caltrans, Trans Bay Terminal		
PROJECT NUMBER:	575-9G001	DATE:	6/27/08
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Poorly graded sand, medium, brown, dry.		SP	
1								
2					Clayey sand, fine to coarse sand, light brown, moist.		SC	
3								
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB49-1

SHEET 1 OF 1

PROJECT NAME:	Caltrans, Trans Bay Terminal
PROJECT NUMBER:	575-8G001 DATE: 6/27/96
NORTHINGS	EASTINGS:
DRILLING COMPANY	PSI
DRILLING METHOD:	Hand Auger
BORING DIAMETER:	2 inches DEPTH: 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	[illegible]				Gravelly silty sand; poorly graded medium sand with fine to coarse gravel, brown, dry to damp.		SP	
1								
2								
3	[illegible]							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB49-2
SHEET 1 OF 1

PROJECT NAME: Caltrans: Trans Bay Terminal
PROJECT NUMBER: 575-8G001 DATE: 6/27/08
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: Hand Auger
BORING DIAMETER: 2 inches DEPTH: 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	DTB49-2-1				Gravelly silty sand: poorly graded medium sand with fine to coarse gravel, brown, dry to damp		SP	
2								
3	DTB49-2-3							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB50-1
SHEET 1 OF 1

PROJECT NAME:	Caltrans; Treas Bay Terminal		
PROJECT NUMBER:	575-860001	DATE:	7/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 Inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB50-1-0				Gravelly silty sand: poorly graded medium sand with fine to coarse gravel, brown, dry to damp.		SP	
1								
2								
3	DTB50-1-3							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB50-2

SHEET 1 OF 1

PROJECT NAME: Caltrans Treas Bay Terminal

PROJECT NUMBER: 375-8C001 DATE: 7/2/08

NORTHINGS: EASTINGS:

DRILLING COMPANY: PSI

DRILLING METHOD: Hand Auger

BORING DIAMETER: 2 inches DEPTH: 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Gravelly silty sand: poorly graded medium sand with fine to coarse gravel, brown, dry to damp		SP	
2								
3								
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB51-1
SHEET 1 OF 1

PROJECT NAME: Caltrans Treas Bay Terminal
PROJECT NUMBER: 575-6C001 DATE 7/2/98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: Hand Auger
BORING DIAMETER: 2 inches DEPTH: 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	[illegible]				Poorly graded sand, medium, brown, dry.		SP	
1								
2								
3	[illegible]							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB51-2
SHEET 1 OF 1

PROJECT NAME: Caltrans: Trans Bay Terminal
PROJECT NUMBER: 575-8G001 DATE: 7/2/08
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: Hand Auger
BORING DIAMETER: 2 inches DEPTH: 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB51-2-1				Poorly graded sand, medium, brown, dry		SP	
1								
2								
3	DTB51-2-2							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB52-1

SHEET 1 OF 1

PROJECT NAME:	Caltrans Treas Bay Terminal		
PROJECT NUMBER:	575-8G001	DATE:	7/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVA	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Gravelly silty sand, poorly graded medium sand with fine to coarse gravel, brown, dry to damp.		GM	
1								
2								Fill debris.
3								
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB52-1
SHEET 1 OF 1

PROJECT NAME: Caltrans Trans Bay Terminal
PROJECT NUMBER: 575-8G001 DATE: 7/2/98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: Hand Auger
BORING DIAMETER: 2 inches DEPTH: 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB52-1-A				Gravelly silty sand; poorly graded medium sand with fine to coarse gravel, brown, dry to damp.		GM	
1								
2								Fill debris.
3	DTB52-1-B							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB52-2
SHEET 1 OF 1

PROJECT NAME	Caltrans: Trans Bay Terminal		
PROJECT NUMBER:	575.8G001	DATE	7/2/08
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB52-2-0				Gravelly silty sand: poorly graded medium sand with fine to coarse gravel, brown, dry to damp.		GM	
1								
2								Fill debris.
3	DTB52-2-3							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB53-1
SHEET 1 OF 1

PROJECT NAME:	Caltrans' Treas Bay Terminal		
PROJECT NUMBER:	575-8C001	DATE:	7/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (ft)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB53-1-1				Gravelly silty sand: poorly graded medium sand with fine to coarse gravel, brown, dry to damp.		GM	
1								
2								Fill debris.
3	DTB53-1-3							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB53-2

SHEET 1 OF 1

PROJECT NAME:	Caltrans' Trona Bay Terminal		
PROJECT NUMBER:	575-RG001	DATE:	7/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	[illegible]				Gravelly silty sand; poorly graded Medium sand with fine to coarse gravel, brown, dry to damp.		GM	
1								
2								Fill debris.
3	[illegible]							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB54-2
SHEET 1 OF 1

PROJECT NAME	Caltrans: Treas Bay Terminal		
PROJECT NUMBER:	575-8G001	DATE:	7/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 Inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Poorly graded sand, medium, brown, dry.		SP	
1								
2								Fill debris interspersed
3								
4								Total depth = 3 feet
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB55-1

SHEET 1 OF 1

PROJECT NAME: Caltrans' Treas Bay Terminal

PROJECT NUMBER: 575-8G001 DATE: 7/2/98

NORTHINGS: EASTINGS:

DRILLING COMPANY: PSI

DRILLING METHOD: Hand Auger

BORING DIAMETER: 2 inches DEPTH 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB55-1-0				Poorly graded sand, medium, brown, dry.		SP	
1								
2								
3	DTB55-1-3							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB55-2
SHEET 1 OF 1

PROJECT NAME: Caltrans, Treas Bay Terminal
PROJECT NUMBER: 575-AG001 DATE: 7/2/98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: Hand Auger
BORING DIAMETER: 2 inches DEPTH: 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Poorly graded sand, medium, brown, dry.		SP	
1								
2								
3								
4								Total depth = 3 feet Boring terminated at depth sufficient for investigation. Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB56-1

SHEET 1 OF 1

PROJECT NAME:	Caltrans: Trans Bay Terminal		
PROJECT NUMBER:	575-8G001	DATE:	7/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB56-1S				Poorly graded sand, medium, brown, dry.		SP	
1								
2								
3	DTB56-1D							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB56-2

SHEET 1 OF 1

PROJECT NAME:	Caltrans: Trans Bay Terminal		
PROJECT NUMBER:	575-6G001	DATE:	7/2/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB56-2-0				Poorly graded sand, medium, brown, dry.		SP	
1								
2								
3	DTB56-2-3							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB57-1
SHEET 1 OF 1

PROJECT NAME: Caltrans Treas Bay Terminal
PROJECT NUMBER: 575-8G001 DATE: 7/2/98
NORTHINGS: EASTINGS
DRILLING COMPANY: PSI
DRILLING METHOD: Hand Auger
BORING DIAMETER: 2 inches DEPTH: 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB57-1-S				Poorly graded sand, medium, brown, dry.		SP	
1								
2								
3	DTB57-1-S							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB57-2

SHEET 1 OF 1

PROJECT NAME:	Caltrans: Trans Bay Terminal		
PROJECT NUMBER:	575-8G001	DATE:	7/2/08
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB57-2-A				Poorly graded sand, medium, brown, dry.		SP	
1								
2								Debris, fill.
3	DTB57-2-B							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated Bentonite pellets
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LOGGED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	DTB58-1
SHEET 1	OF 1

PROJECT NAME:	Caltrans Trans Bay Terminal		
PROJECT NUMBER	575-8G001	DATE	7/2/98
NORTHINGS		EASTINGS:	
DRILLING COMPANY:	PSI		
DRILLING METHOD:	Hand Auger		
BORING DIAMETER:	2 inches	DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB58-1-0				Gravelly silty sand - poorly graded medium sand with fine to coarse gravel, brown, dry to damp.		GM	
1								
2								Brick, concrete fragments.
3	DTB58-1-3							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO:	DTB58-2
SHEET 1	OF 1
PROJECT NAME:	Caltrans' Treas Bay Terminal
PROJECT NUMBER:	575-8C001
DATE:	7/2/08
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	PSI
DRILLING METHOD:	Hand Auger
BORING DIAMETER	2 inches
DEPTH:	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB58-2-0				Gravelly silty sand: poorly graded medium sand with fine to coarse gravel, brown, dry to damp.		GM	
1								
2								Brick, concrete fragments.
3	DTB58-2-3							
4								Total depth = 3 feet.
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets.
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB59-1
SHEET 1 OF 1

PROJECT NAME: Caltrans' Treas Bay Terminal
PROJECT NUMBER: 575-8C001 DATE: 7/2/98
NORTHINGS: EASTINGS:
DRILLING COMPANY: PSI
DRILLING METHOD: Hand Auger
BORING DIAMETER: 2 inches DEPTH: 3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	DTB59-1 A				Gravelly silty sand: poorly graded medium sand with fine to coarse gravel, brown, dry to damp		GM	
1								
2								Brick, concrete fragments.
3	DTB59-1 B							
4								Total depth = 3 feet Boring terminated at depth sufficient for investigation Boring filled with hydrated bentonite pellets.
5								
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LOGGED BY CHRIS MERRITT

SOIL BORING LOG

BORING NO: DTB59-2

SHEET 1 OF 1

PROJECT NAME	Caltrans' Trans Bay Terminal		
PROJECT NUMBER	575-8C001	DATE	7/2/08
NORTHINGS		EASTINGS	
DRILLING COMPANY	PSI		
DRILLING METHOD	Hand Auger		
BORING DIAMETER	2 inches	DEPTH	3 feet

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS

DEPTH (FEET)	SAMPLE NO.	RECOVERY (ft)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0	unsampled				Gravelly silty sand: poorly graded medium sand with fine to coarse gravel, brown, dry to damp		SP	
1								
2								Brick, concrete fragments
3								
4	unsampled							Total depth = 3 feet
5								Boring terminated at depth sufficient for investigation.
6								Boring filled with hydrated bentonite pellets
7								
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LOGGED BY: CHRIS MERRITT

SOIL BORING LOG

BORING NO:	TTB2-1
SHEET 1	OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/15/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:		DEPTH:	9.5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB2-1-S		■		Well-graded sand with gravel, fine to coarse sand, fine to medium gravel, brown, dry.	0	SW	
2								
3	TTB2-1-4		■		Well graded sand with gravel as described above.	0		
4								
5	TTB2-1-6		■		Well-graded sand, brown, moist.	0		Brick and Concrete Fragments.
6								
7								
8								
9	TTB2-1-9		■		Well-graded sand as described above.	0		
10								
11								Total depth 9.5 = feet.
12								Boring completed at depth sufficient for investigation.
13								Boring backfilled with Bentonite pellets.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTB2-1
SHEET 1	OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	6G001 TBT	DATE:	6/15/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:		DEPTH:	10 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB2-1-S		■		Well graded sand with gravel, fine to coarse sand, fine to medium gravels, brown, dry.	0	SW	
2								
3	TTB2-1-3		■		Well-graded sand with gravel as described above.	0		
4								
5	TTB2-1-5		■		Poorly-graded sand, brown, moist.		SP	
6								
7								
8								
9								
10	TTB2-1-10		■		Poorly graded sand as described above.			
11								
12								Total depth 10 = feet
13								Boring completed at depth sufficient for investigation.
14								Boring backfilled with Bentonite pellets.
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO: TTB2-2

SHEET 1 OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/15/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:		DEPTH:	16 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB2-2-S				Well-graded sand with gravel, fine to coarse sand, fine to medium gravel, brown, dry.	0	SW	
2								
3	TTB2-2-3				Well-graded sand with gravel as described above.	0		
4								
5	TTB2-2-5				Poorly graded sand, brown, moist.	0	SP	Brick and Concrete Fragments Large void space below 5 feet.
6								Total depth = 16 feet
7								Boring completed at depth sufficient for investigation.
8								Boring backfilled with Bentonite pellets.
9								
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTB3-1
SHEET 1	OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/15/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:		DEPTH:	5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB3-2-3				Well-graded sand with gravel, fine to coarse sand, fine to medium gravels, brown, dry.	0	SW	
2								
3	TTB3-2-3					0		
4					Poorly-graded sand, brown, moist,		SP	
5	TTB3-2-5					0		
6								Total depth 5 feet
7								Boring completed at depth sufficient for investigation.
8								Boring backfilled with Bentonite pellets.
9								
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTB3-2
SHEET 1	OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/15/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:		DEPTH:	5 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN.)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB3-2-2		■		Well-graded sand with gravel, fine to coarse sand, fine to medium gravels, brown, dry.	0	SW	
2								
3	TTB3-2-3		■			0		
4					Poorly-graded sand, brown, moist.		SP	
5	TTB3-2-5		■			0		
6								Total depth 5 feet
7								Boring completed at depth sufficient for investigation.
8								Boring backfilled with Bentonite pellets.
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LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTB4-1
SHEET 1 OF 1	

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/15/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:		DEPTH:	10 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB4-1-3		■		Well graded sand with gravel, fine to course sand, fine to medium gravels, brown, dry.	0	SW	
2								
3					Well graded sand with gravel as described above.			
4	TTB4-1-5		■			0		
5					Poorly graded sand, brown, moist.		SP	
6	TTB4-1-8		■			0		
7								
8								
9								
10	TTB4-1-10		■		Poorly graded sand as described above.	0		
11								
12								Total depth = 10 feet
13								Boring completed at depth sufficient for investigation.
14								Boring backfilled with Bentonite pellets.
15								
16								
17								
18								
19								
20								

LOGGED BY Chris Merritt

SOIL BORING LOG

BORING NO:	TTB4-2
SHEET 1 OF	1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/15/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:		DEPTH:	10 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB4-2-S				Well graded sand with gravel, fine to coarse sand, fine to medium gravel, brown, dry.	0	SW	
2								
3	TTB4-2-3				Well graded sand with gravel as described above.	0		
4								
5	TTB4-2-5				Poorly graded sand, brown, moist.	0	SP	
6								
7								
8								
9								
10	TTB4-2-10				Poorly graded sand as described above.			
11								
12								Total depth = 10 feet.
13								Boring completed at depth sufficient for investigation.
14								Boring backfilled with Bentonite pellets.
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	TTB7-1
SHEET 1 OF 1	

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB7-1-S		■		Silty sand, brown, moist,	0	SM	
2					Silty sand as described above.			
3	TTB7-1-5		■			0		
4					Silty sand as described above.			
5	TTB7-1-5		■			0		
6								
7								
8								Total Depth = 6 feet
9								Concrete refusal at 8 feet bgs.
10								Groundwater not encountered.
11								Boring grouted with hydrated bentonite.
12								
13								
14								
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	TTB7-2
SHEET 1	OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/15/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:		DEPTH:	10 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB7-2-1				Well graded sand with gravel, fine to coarse sand, fine to medium gravels, brown, dry.	0	SW	
2								
3	TTB7-2-3				Well graded sand with gravel as described above.	0		
4								
5	TTB7-2-5				Poorly graded sand, brown, moist.	0	SP	
6								
7								
8								
9								
10	TTB7-2-10				Poorly graded sand as described above.			
11								
12								Total depth = 10 feet.
13								Boring completed at depth sufficient for investigation.
14								Boring backfilled with Bentonite pellets.
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	TTB8-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/16/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	Fisch		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB8-1-S				Silty sand, brown, moist.	0	SM	
2								
3	TTB8-1-2				Poorly graded sand, brown, dry to moist.	0	SP	
4								
5	TTB8-1-3				Poorly graded sand as describe above.	0		
6								
7								
8								
9								
10					Poorly graded sand, black, moist.			Brick debris. No recovery.
11								
12								
13								
14								
15					Fat clay, brown, medium to high plasticity.		CH	
16	TTB8-1-4					0		
17								
18								
19					Fat clay as described above.			
20								
	TTB8-1-5					0		

Total Depth 20 feet bgs.
Boring terminated at depth sufficient for investigation.
Groundwater not encountered.
Boring grouted with hydrated bentonite.

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SOIL BORING LOG

BORING NO:	TTB8-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/16/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	10'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silty sand, brown, moist.		SM	Asphalt.
1	TTB8-2-1					0		
2					Poorly graded sand, brown, dry to moist.		SP	
3	TTB8-2-3					0		
4					Poorly graded sand as described above.			
5	TTB8-2-5					0		
6								
7								
8								
9								
10	TTB8-2-10				Poorly graded sand as described above	0		
11								Total Depth = 10 feet bgs.
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
20								

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTB8-3
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/16/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	10'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB8-3-1		■		Silty sand, brown, moist.	0	SM	Asphalt.
2								
3	TTB8-3-3		■		Poorly graded sand, brown, dry to moist.	0	SP	
4								
5	TTB8-3-5		■		Poorly graded sand as described above.	0		
6								
7								
8					Poorly graded sand as described above.			
9								
10	TTB8-3-1		■			0		
11								Total Depth = 10 feet bgs.
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
20								

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTB9-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/16/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	Fisch		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silty sand, brown, moist.		SM	Asphalt.
1	TTB9-1-1					0		
2					Silty sand as described above.			
3	TTB9-1-2					0		
4					Silty sand as described above.			
5	TTB9-1-3					0		
6								
7								
8					Sandy lean clay, brown, moist to wet, low plasticity.		CL	
9								
10	TB9-1-4					0		
11								
12								
13								
14					Lean clay, brown, moist, medium to low plasticity.			
15	TTB9-1-5							
16								Total Depth = 16 feet bgs.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTB9-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silty sand, brown, moist.		SM	Asphalt.
1	TTB9-2-1					0		
2					Silty sand as described above.			
3	TTB9-2-3					0		
4					Silty sand as described above.			
5	TTB9-2-5					0		
6								
7								
8					Sandy loam clay with gravel, brown, moist.		CL	Native Soil.
9								
10	TTB9-2-1					0		
11								
12								
13								
14					Sandy loam clay with gravel as described above.			
15	TTB9-2-1					0		
16								Total Depth = 16 feet bgs.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTB9-3
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/16/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.		SM	Asphalt.
2	TTB9-3-1					0		Brick Debris.
3					Silty sand as described above.			
4	TTB9-3-3					0		
5					Well graded sand, black, moist.		SW	Brick Debris.
6	TTB9-3-5					0		
7								
8								Native Soil.
9					Poorly graded sand, brown, moist.		SP	
10	TTB9-3-9					0		
11								
12								
13								
14					Lean clay with sand, fine sand, brown, moist, low plasticity.		CL	
15	TTB9-3-15					0		
16								Total Depth = 16 feet bgs.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

LOGGED BY: Scott Bowen

SOIL BORING LOG

BORING NO:	TTB9-4
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/16/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	
1	TTB9-4-1					0		
2					Silty sand as described above.			
3	TTB9-4-3					0		Brick Debris.
4					Silty sand as described above.			
5	TTB9-4-5					0		
6								
7								
8					Poorly graded sand, brown to dark brown, moist.		SP	Native Soil.
9								
10	TTB9-4-1					0		
11								
12								
13								
14					Poorly graded sand, brown, dry to moist.			
15	TTB9-4-1					0		
16								Total Depth = 16 feet bgs.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

LOGGED BY: Scott Bowers

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SOIL BORING LOG

BORING NO:	TTB10-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/16/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silty sand, brown, moist.		SM	
1	TTB10-1-1					0		Brick Debris.
2					Silty sand as described above			
3	TTB10-1-3					0		
4					Silty sand as described above.			
5	TTB10-1-5					0		
6								
8					Poorly graded sand, brown to black, moist		SP	
10	TTB10-1-10					0		Brick Debris.
12								
14					Poorly graded sand, brown, dry to moist.			
15	TTB10-1-15					0		
16								Total Depth - 16 feet bgs
17								Boring terminated at depth sufficient for investigation
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite
20								

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTB10-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/16/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silty sand, brown, moist.		SM	Asphalt.
1	TTB10-2-1					0		
2					Silty sand as described above.			Brick Debris.
3	TTB10-2-3					0		
4					Silty sand as described above.			
5	TTB10-2-5					0		
6								
7								
8					Poorly graded sand, brown, dry to moist.		SP	
9								
10	TTB10-2-10					0		
11								
12								
13								
14					Poorly graded sand as described above.			
15	TTB10-2-15					0		
16								Total Depth - 16 feet bgs.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

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SOIL BORING LOG

BORING NO:	TTB11-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/16/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN.)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB11-1-5				Silty sand, brown, moist.	0	SM	Asphalt.
2					Silty sand as described above.			
3	TTB11-1-3					0		
4					Silty sand as described above.			
5	TTB11-1-5					0		
6								
7								
8					Poorly graded sand, medium, brown, dry to moist.		SP	Native soil.
9								
10	TTB11-1-10					0		
11								
12								
13								
14					Poorly graded sand as described above.			
15	TTB11-1-15							
16								Total Depth = 16 feet bgs.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

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SOIL BORING LOG

BORING NO:	TTB11-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	Fisch		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silty sand, brown, moist.			Asphalt.
1	TTB11-2-S					0		
2					Silty sand as described above.			
3	TTB11-2-3					0		
4					Poorly graded sand, medium, brown, moist.		SP	
5	TTB11-2-5					0		
6								
7								Native soil.
8					Poorly graded sand, medium, light brown to olive, moist to wet.			
9								
10	TTB11-2-10					0		
11								
12								
13								
14					Clayey sand, dark brown, moist to wet, low plasticity		SC	
15	TTB11-2-15					0		
16								Total Depth = 16 feet bgs
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

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SOIL BORING LOG

BORING NO:	TTB12-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/16/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	Fisch		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silty sand, brown, moist.		SM	Asphalt.
1	TTB12-1-S					0		
2					Clayey sand, brown to dark brown, moist, medium plasticity.		SC	
3	TTB12-2-S					0		
4					Clayey sand as described above.			
5	TTB12-3-S					0		
6								
7								
8					Clayey sand as described above.			
9								
10	TTB12-4-10					0		
11								Total Depth = 10 feet bgs.
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
20								

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTB12-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/16/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	Fisch		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
6/16/98	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silty sand, brown, moist.		SM	Asphalt.
1	TTB12-2-0					0		Slag Debris.
2					Silty sand as described above.			
3	TTB12-2-3					0		
4					Silty sand as described above.			
5	TTB12 2 5					0		
6								
7								
8					Poorly graded sand, medium, brown, dry to moist		SP	Brick Debris.
9						0		
10	TTB12 2 10							
11								
12								
13								
14					Silty sand, medium, brown, moist.		SM	
15	TTB12 2-15				SILTY SAND, medium, moist, poorly graded, brown	0		
16								Total Depth = 16 feet bgs
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite
20								

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SOIL BORING LOG

BORING NO:	TTB13-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/0/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	16

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.		SM	Asphalt.
						0		
2					Silty sand as described above.			
3						0		
4					Silty sand as described above.			
5						0		
6								
7								
8					Poorly graded sand, medium, brown, dry to moist.		SP	Native soil.
9								
10						0		
11								
12								
13								
14					Poorly graded sand as described above.			
15						0		
16								Total Depth = 16 feet bgs.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTB13-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	Fisch		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:	2"	DEPTH:	16'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.			Asphalt.
						0		
2					Silty sand as described above.			
3						0		
4					Silty sand as described above.			
5						0		
6								
7								
8					Poorly graded sand, medium, brown, dry to moist.		SP	Native soil.
9								
10						0		
11								
12								
13								
14					Poorly graded sand as described above.			
15						0		
16								Total Depth = 16 feet bgs.
17								(Boring) terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTB14-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	Fisch		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:	2"	DEPTH:	16'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.		SM	Asphalt.
						0		
2					Silty sand as described above.			
3						0		
4					Silty sand as described above.			
5						0		
6								
7								
8					Poorly graded sand, medium, brown, dry to moist.		SP	Native soil.
9								
10						0		
11								
12								
13								
14					Poorly graded sand as described above			
15						0		
16								Total Depth = 16 feet bgs.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTB14-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	16'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.		SM	Asphalt.
						0		
2								
3					Silty sand as described above.	0		
4								
5					Silty sand as described above.	0		
6								
7								
8					Poorly graded sand, medium, brown, dry to moist.		SP	Native soil
9								
10						0		
11								
12								
13								
14					Poorly graded sand as described above.			
15								
16						0		
17								Total Depth = 16 feet bgs
18								Boring terminated at depth sufficient for investigation
19								Groundwater not encountered
								Boring grouted with hydrated bentonite.

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SOIL BORING LOG

BORING NO:	TTB15-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	16'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.		SM	Asphalt.
						0		
2					Silty sand as described above.			
3						0		
4					Poorly graded sand, medium, brown, dry to moist.		SP	
5						0		
6								
7								
8					Poorly graded sand as described above.			Native soil.
9								
10						0		
11								
12								
13								
14					Poorly graded sand as described above.			
15						0		
16								Total Depth = 16 feet bgs.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTB15-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/20/08
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	16'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.		SM	Asphalt.
	TTB15-2 0					0		
2					Silty sand as described above.			
3	TTB15-2 3					0		
4					Poorly graded sand, medium, brown, dry to moist.		SP	
5	TTB15-2 5					0		
6								
7								
8					Poorly graded sand as described above.			Native soil.
9								
10	TTB15-2 10					0		
11								
12								
13								
14					Poorly graded sand as described above.			
15	TTB15-2 15					0		
16								Total Depth = 16 feet bgs.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

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SOIL BORING LOG

BORING NO:	TTB16-3
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/17/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	17'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	17'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silty sand, brown, moist		SM	Asphalt.
1						0		
2					Silty sand as described above			
3						0		
4					Silty sand as described above			
5						0		
6								
7								
8					Poorly graded sand, medium, brown, dry to moist.		SP	Native
9								
10						0		
11								
12								
13								
14					Poorly graded sand as described above			
15						0		
16								
17								Total Depth = 17 feet bgs
18								Boring terminated at depth sufficient for investigation
19								Groundwater not encountered
20								Boring grouted with hydrated bentonite.

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SOIL BORING LOG

BORING NO:	TTB17-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/18/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	16'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	Asphalt.
1						0		
2					Silty sand as described above.			
3						0		
4					Silty sand as described above.			
5						0		
6								
7								
8					Poorly graded sand, medium, brown, dry to moist		SP	Native
9								
10						0		
11								
12								
13								
14					Poorly graded sand as described above			
15						0		
16								Total Depth = 16 feet bgs.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite
20								

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SOIL BORING LOG

BORING NO:	TTB17-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/18/99
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	Fisch		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:	2"	DEPTH:	16'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	Asphalt
1						0		
2					Silty sand as described above.			
3						0		
4					Silty sand as described above.			
5						0		
6								
7								
8					Poorly graded sand, medium, brown, dry to moist		SP	Native
9								
10						0		
11								
12								
13								
14					Poorly graded sand as described above			
15						0		
16								Total Depth = 16 feet bgs
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered
19								Boring grouted with hydrated bentonite
20								

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SOIL BORING LOG

BORING NO:	TTBDD-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTBDD-2-5				Silty sand, brown, moist.	0	SM	Asphalt.
3	TTBDD-2-3				Silty sand as described above.	0		
5	TTBDD-2-5				Poorly graded sand, medium, brown, moist.	0	SP	Brick Debris. Concrete Debris.
9					Poorly graded sand as described above, color change to dark brown			
10	TTBDD-2-10							Small bits of charcoal.
15	TTBDD-2-15				Poorly graded sand as described above, color change to brown.			
16								Total Depth = 16 feet. Boring terminated at depth sufficient for investigation. Groundwater not encountered. Boring grouted with hydrated bentonite.

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SOIL BORING LOG

BORING NO:	TTBDD-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/18/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	Asphalt.
	TTBDD-2-5					0		
2								
					Silty sand as described above.			
	TTBDD-2-5					0		
4								
					Poorly graded sand, medium, brown, moist		SP	
	TTBDD-2-8					0		Brick Debris.
6								Concrete Debris.
8								
					Poorly graded sand as described above, color change to dark brown			
10	TTBDD-2-10							
								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
								Groundwater not encountered.
14								Boring grouted with hydrated bentonite
16								
18								
20								

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OIL BORING LOG

BORING NO:	TTBCC-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/18/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	FISCH		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silty sand, brown, moist.		SM	Asphalt.
2	TTBCC-1-S					0		
					Silty sand as described above			
4	TTBCC-1-3					0		
					Poorly graded sand, medium, brown, moist.		SP	
6	TTBCC-1-5					0		Brick Debris.
								Concrete Debris
8								
					Poorly graded sand as described above, color change to dark brown			
10	TTBCC-1-10							Small bits of charcoal.
12								
14					Poorly graded sand as described above, color change to brown			
15	TTBCC-1-15							
16								
17								Total Depth = 15 feet
18								Boring terminated at depth sufficient for investigation
19								Groundwater not encountered.
20								Boring grouted with hydrated bentonite

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OIL BORING LOG

BORING NO:	TTBCC-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/18/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	Asphalt.
	TTBCC-2-S					0		
2								
					Silty sand as described above.			
	TTBCC-2-3					0		
4								
					Poorly graded sand, medium, brown, moist		SP	
	TTBCC-2-4					0		Total Depth = 5.5 Feet
6								Boring terminated at depth sufficient for investigation.
								Groundwater not encountered.
								Boring grouted with hydrated bentonite
8								
10								
12								
14								
16								
18								
20								

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SOIL BORING LOG

BORING NO:	TTBBB-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/18/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	FISCH		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	Asphalt.
	TTBBB-1-2					0		
2								Some debris of concrete and brick.
					Silty sand as described above			
	TTBBB-1-3					0		
4								
					Poorly graded sand, medium, brown, moist.		SP	
	TTBBB-1-5					0		Brick Debris
6								Concrete Debris.
8								
					Poorly graded sand as described above, color change to dark brown.			
10	TTBBB-1-10							
1								
12								
13								
4								
					Poorly graded sand as described above, color change to brown			
15	TTBBB-1-15							
6								
17								Total Depth = 16 feet.
								Boring terminated at depth sufficient for investigation.
8								Groundwater not encountered
19								Boring grouted with hydrated bentonite
20								

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SOIL BORING LOG

BORING NO:	TTBBB-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Poorly graded sand with gravel, fine to coarse sand, fine to medium gravels, gray, dry.		SP	Asphalt.
2	TTBAA-1-5					0		
3					Poorly graded sand, medium, brown, moist.			
4	TTBAA-1-3					0		
5					Poorly graded sand as described above.			
6	TTBAA-1-6					0		Brick Debris.
7								Concrete Debris.
8								
9					Poorly graded sand, medium, dark brown, moist.			
10	TTBAA-1-10					0		Small bits of charcoal.
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	TTBSB-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTBAA-2-0				Poorly graded sand with gravel, fine to coarse sand, fine to medium gravels, gray, dry.	0	SP	Asphalt.
2								
3	TTBAA-2-3				Poorly graded sand as described above.	0		
4								
5	TTBAA-2-5				Poorly graded sand, medium, brown, moist.	0		Brick Debris.
6								Concrete Debris.
7								
8								
9								
10	TTBAA-2-10				Poorly graded sand as described above.	0		
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	TTBSB-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silty sand, brown, moist.		SM	Asphalt.
1	TTBSB-2-S					0		
2								
3					Silty sand as described above.			
4						0		
5					Poorly graded sand, medium, brown, moist.		SP	
6	TTBSB-2-5					0		Brick Debris.
7								Concrete Debris.
8								
9					Poorly graded sand as described above, color change to dark brown			
10	TTBSB-2-10							Small bits of charcoal
11								
12								
13								
14								
15	TTBSB-2-15				Poorly graded sand as described above, color change to brown.			
16								
17								Total Depth = 16 feet.
18								Boring terminated at depth sufficient for investigation.
19								Groundwater not encountered.
								Boring grouted with hydrated bentonite.

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SOIL BORING LOG

BORING NO:	TTBAA-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN.)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTBAA-1-5				Poorly graded sand with gravel, fine to coarse sand, fine to medium gravels, gray, dry.	0	SP	Asphalt.
2								
3					Poorly graded sand, medium, brown, moist.			
4	TTBAA-1-5					0		
5					Poorly graded sand as described above.			
6	TTBAA-1-7					0		Brick Debris. Concrete Debris
7								
8								
9					Poorly graded sand, medium, dark brown, moist.			
10	TTBAA-1-10					0		Small bits of charcoal
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	TTBAA-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTBAA 2 0				Poorly graded sand with gravel, fine to coarse sand, fine to medium gravels, gray, dry.	0	SP	Asphalt.
2								
3	TTBAA-2-3				Poorly graded sand as described above.	0		
4								
5	TTBAA-2-5				Poorly graded sand, medium, brown, moist.	0		Brick Debris.
6								Concrete Debris.
7								
8								
9								
10	TTBAA 2 10				Poorly graded sand as described above	0		
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								

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SOIL BORING LOG

BORING NO:	TTBZ-1
SHEET 1	OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:		DEPTH:	16 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTBZ-1-5				Poorly graded sand with gravel, fine to coarse sand, fine to medium gravels, gray, dry.	0	SP	
2								
3	TTBZ-1-J				Poorly graded sand, medium, brown, damp.	0		
4								
5	TTBZ-1-5				Poorly graded sand as described above.	0		
6								
7								
8								
9					Poorly graded sand as described above			
10	TTBZ-1-10					0		
11								Total Depth = 10 feet
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	TTBZ-2
SHEET 1	OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:		DEPTH:	16 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTBZ2-S				Poorly graded sand with gravel, fine to coarse sand, fine to medium gravels, gray, dry.	0	SP	
2								
3	TTBZ-2-3				Poorly graded sand, medium, brown, damp.	0		
4								
5					Poorly graded sand as described above.	0		
6	TTBZ-2-5							
7								
8								
9					Poorly graded sand as described above.			
10	TTBZ-2-10					0		
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTBY-1
SHEET 1	OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:		DEPTH:	16 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTBY-1-5				Poorly graded sand with gravel, fine to coarse sand, fine to medium gravel, gray, dry.	0	SP	
2								
3	TTBY-1-3				Poorly graded sand, medium, brown, moist.	0		
4								
5					Poorly graded sand as described above.			
6	TTBY-1-7					0		
7								
8								
9					Poorly graded sand as described above.			
10	TTBY-1-10					0		
11								
12								
13								
14								
15	TTBY-1-15				Poorly graded sand as described above	0		
16								
17								Total Depth = 16 feet
18								Boring terminated at depth sufficient for investigation.
19								Groundwater not encountered.
20								Boring grouted with hydrated bentonite

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTBY-2
SHEET 1	OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	FISCH		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:		DEPTH:	16 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTBY 2-3				Poorly graded sand with gravel, fine to coarse sand, fine to medium gravels, gray dry.	0	SP	
2								
3	TTBY-2-5				Poorly graded sand, medium, brown, moist,	0		
4								
5	TTBY 2-5				Poorly graded sand as described above.	0		
6								
7								
8								
9					Poorly graded sand as described above.			
10	TTBY-2-10					0		
11								
12								
13								
14								
15	TTBY 2-15					0		
16								
17								Total Depth = 16 feet.
18								Boring terminated at depth sufficient for investigation.
19								Groundwater not encountered.
20								Boring grouted with hydrated bentonite.

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTBX-1
SHEET 1 OF 1	

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	0G001 TBT	DATE:	6/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:		DEPTH:	16 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTBX-1-2				Poorly graded sand with gravel, fine to coarse sand, fine to medium gravels, brown, moist.	0	SP	
2								Traces of Brick, Concrete, Rust.
3	TTBX-1-3				Poorly graded sand, medium, brown, moist.	0		
4								
5	TTBX-1-5				Poorly graded sand as described above.	0		
6								
7								
8								
9					Poorly graded sand as described above.			
10	TTBX-1-10					0		
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTBX-2
SHEET 1	OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8C001 TBT	DATE:	6/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:		DEPTH:	24 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTBX-2-5				Poorly graded sand with gravel, fine to coarse sand, fine to medium gravel, brown/gray, dry.		SP	
2								
3	TTBX-2-4				Poorly graded sand, medium, brown, moist.			
4								
5	TTBX-2-5				Poorly graded sand as described above.			
6								
7								
8								
9					Poorly graded sand as described above.			
10	TTBX-2-10							
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTBU-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	Fisch		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	Concrete.
								Slate.
1	TTBU-1-5					0		
2								
					Poorly graded sand, medium, brown, dry to moist.		SP	
3	TTBU-1-?					0		Concrete masonry debris.
4								
					Poorly graded sand as described above.			
5	TTBU-1-5							
6								
7								
8								
					Poorly graded sand as described above, moisture changes to moist.			
9								
10	TTBU-1-10					0		
11								
12								
13								
14								
					Poorly graded sand as described above.			
15	TTBU-1-15					0		
16								
17								Total Depth = 16 feet.
								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

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SOIL BORING LOG

BORING NO:	TTBU-3
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	Fisch		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Poorly graded sand, medium, brown, moist.		SP	Concrete.
1	TTBU-3-S					0		Brick Debris.
2								
3	TTBU-3-3				Poorly graded sand as described above.	0		Brick Debris.
4								
5	TTBU-3-5				Poorly graded sand as described above.	0		
6								
7								
8								
9					Poorly graded sand as described above.			
10	TTBU-3-10					0		
11								
12								
13								
14								
15	TTBU-3-15				Poorly graded sand as described above.	0		
16								Total Depth = 16 feet.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTBS-2
SHEET 1	OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	FISCH		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:		DEPTH:	16 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTBS-1-5				Poorly graded sand, medium, brown, moist.	0	SP	
2								
3	TTBS-1-10				Poorly graded sand as described above.	0		
4								
5	TTBS-1-15				Poorly graded sand as described above.	0		
6								
7								
8								
9					Poorly graded sand as described above.			
10	TTBS-1-20					0		
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTBS-2
SHEET 1	OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/10/08
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	FISCH		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:		DEPTH:	16 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTBS-2-5				Poorly graded sand, medium, brown, moist.	0	SP	
3	TTBS-2-3				Poorly graded sand as described above.	0		
5	TTBS-2-5				Poorly graded sand as described above.	0		
9					Poorly graded sand as described above.			
10	TTBS-2-10					0		
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTBR-1
SHEET 1 OF	1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8C001	DATE:	6/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	10'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTBR-1-5				Silty sand, brown, moist.	0	SM	Concrete (8"- 10").
2								Brick Debris.
3	TTBR-1-?				Poorly graded sand, medium, brown, dry to moist.	0	SP	Concrete Debris.
4								
5	TTBR-1-?				Poorly graded sand as described above.	0		
6								
7								
8								
9					Poorly graded sand as described above			
10	TTBR-1-10					0		Boring terminated at 10' bgs.
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	TTBR-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/20/08
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN.)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTBR-1-5				Silty sand, brown, moist.	0	SM	Concrete.
2								
3	TTBR-1-5				Silty sand as described above, color change to dark brown.	0		
4								Brick and masonry debris.
5	TTBR-1-5				Silty sand as described above.	0		
6								
7								
8								
9					Poorly graded sand, medium, brown, moist		SP	
10	TTBR-2-10					0		
11								
12								
13								
14								
15	TTBR-2-15				Poorly graded sand as described above.	0		
16								
17								Total Depth = 16 feet.
18								Boring terminated at depth sufficient for investigation.
19								Groundwater not encountered.
20								Boring grouted with hydrated bentonite.

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SOIL BORING LOG

BORING NO:	TTBO-1
SHEET 1	OF 2

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/20/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Poorly graded sand as described above.		SP	
21								
22	TTBO-1-22					0		Boring terminated at 22' bgs
23								Total Depth = 22 feet.
24								Boring terminated at depth sufficient for investigation.
25								Groundwater not encountered.
5								Boring grouted with hydrated bentonite.
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								

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SOIL BORING LOG

BORING NO:	TTBN-1
SHEET 1	OF 2

PROJECT NAME:	Transbay Terminal
PROJECT NUMBER:	8C001
DATE:	6/20/98
NORTHINGS:	EASTINGS:
DRILLING COMPANY:	Fisch
DRILLING METHOD:	FISCH ENVIRONMENTAL
BORING DIAMETER:	2"
DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
							SM	10 inches concrete.
1	TTBN-1-S				Gravelly Sand. Well graded sand with gravel, mottled, damp.	0		Fill material, concrete,, brick debris.
2								
3	TTBN-1-3					0		Brick Debris.
4								
5	TTBN-1-5					0		Brick Debris
6								
7								
8								
9					Sand. Poorly graded medium sand, brown, damp		SP	
10	TTBN-1-10					0		
11								
12								
13								
14								
15	TTBN-1-15				Poorly graded sand as described above, color change to dark brown.	0		
16								
17								Total Depth = 16 feet
18								Boring terminated at depth sufficient for investigation.
19								Groundwater not encountered.
20								Boring grouted with hydrated bentonite

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SOIL BORING LOG

BORING NO:	TTB69-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/23/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	20'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN.)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB69-1-S				Silty sand, brown, moist.	0	SM	Asphalt.
2								
3	TTB69-1-3				Poorly graded sand, medium, brown to dark brown, dry to moist.	0	SP	Brick Debris.
4								
5	TTB69-1-5				Poorly graded sand as described above.	0		Brick Debris.
6								
7								
8								Brick Debris.
9					Poorly graded sand as described above.			
10	TTB69-1-10					0		
11								
12								
13								
14								
15	TTB69-1-15				Poorly graded sand, medium, dark gray, wet.	0		
16								
17								Total Depth 16 feet.
18								Boring terminated at depth sufficient for investigation.
19								Groundwater not encountered.
20								Boring grouted with hydrated bentonite.

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTB69-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/23/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB69-2-2				Silty sand, brown, moist.	0	SM	Asphalt.
2								
3	TTB69-2-3				Poorly graded sand, medium, brown, moist.	0	SP	
4								
5	TTB69-2-5				Poorly graded sand as described above.	0		
6								
7								
8								
9								
10						0		
11								
12								Refusal (compacted sand)
								Total Depth = 12 feet.
13								Refusal at 12 feet bgs due to compacted sand.
14								Groundwater not encountered.
								Boring grouted with hydrated bentonite
15								
16								
17								
18								
19								
20								

LOGGED BY Scott Bowers

SOIL BORING LOG

BORING NO:	TTB69-3
SHEET 1	OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	FISCH		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:		DEPTH:	16 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB69-3-2				Well graded sand with gravel, fine to medium sand, brown, dry.	0	SW	
2								
3	TTB69-3-3				Poorly graded sand, medium, brown, moist.	0	SP	
4								
5	TTB69-3-5				Poorly graded sand as described above.	0		
6								
7								
8								
9					Poorly graded sand as described above.			
10	TTB69-3-10					0		Sand Turns Black.
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTB69-4
SHEET 1	OF 1

PROJECT NAME:	CAL,TRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:		DEPTH:	16 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Well graded sand with gravel, fine to medium sand, brown, dry.		SW	
1	TTB69-4-S					0		
2								
3					Poorly graded sand, medium, brown, moist,		SP	
	TTB69-4-3					0		
4								
5					Poorly graded sand as described above.			
	TTB69-4-5					0		
6								
7								
8								
9					Poorly graded sand as described above.			
10	TTB69-4-10					0		Sand Turns Black.
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTB68-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/23/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silty sand, brown, moist.		SM	
1	TTB68-1-2					0		
2								
3	TTB68-1-4				Poorly graded sand, medium, brown, moist.	0	SP	Brick Debris.
4								
5	TTB68-1-6				Poorly graded sand as described above.	0		Brick Debris.
6								
7								
8								Brick Debris.
9					Poorly graded sand as described above.			
10	TTB68-1-10					0		
11								
12								
13								
14								
15	TTB68-1-16				Poorly graded sand, brown dark gray, wet.	0		
16								
17								Total Depth = 16 feet.
18								Boring terminated at depth sufficient for investigation.
19								Groundwater not encountered.
20								Boring grouted with hydrated bentonite.

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTB68-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/23/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	
1	TTB68-2-S							
2						0		
					Poorly graded sand, medium, brown, dry to moist.		SP	
3	TTB68-2-3					0		
4								
					Poorly graded sand as described above.			
5	TTB68-2-5					0		Brick Debris.
6								
7								
8								
					Poorly graded sand as described above.			
9								
10	TTB68-2-10					0		
11								
12								
13								
14								
					Fat clay with sand, gray, moist to wet, medium to high		CH	
15	TTB68-2-15				plasticity.	0		
16								
17								Total Depth = 16 feet
								Boring terminated at depth sufficient for
18								investigation.
								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTB68-3
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/23/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	Asphalt.
1	TTB68-3-5					0		
2								
3					Poorly graded sand, medium, brown, moist.		SP	
	TTB68-3-4					0		Brick Debris.
4								
5					Poorly graded sand as described above			
	TTB68-3-5					0		Brick Debris.
6								
7								
8								Brick Debris.
9					Poorly graded sand as described above.			
10	TTB68-3-10					0		
11								
12								
13								
14								
15					Fat clay, olive and gray, moist to wet, high plasticity, slight		CH	
	TTB68-3-15				hydrocarbon odor	0		
16								
17								Total Depth = 16 feet
18								Boring terminated at depth sufficient for investigation.
19								Groundwater not encountered.
0								Boring grouted with hydrated bentonite

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTB68-4
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/23/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	Fisch		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1							SM	
					Artifical fill			
	TTB68-4-0					0		
2								
							SP	
3					Poorly graded sand, medium, brown, moist.			
	TTB68-4-3					0		
4								
					Poorly graded sand as described above.			
5								
	TTB68-4-5					0		
6								
7								
8								Rock Debris
					Poorly graded sand as described above			
9								
10								
	TTB68-4-10							
11								
12								
13								
14								
					Poorly graded sand, medium, gray-olive, wet, slight			
15	TTB68-4-15				hydrocarbon odor.			
16								
17								Total Depth = 18 feet.
								Boring terminated at depth sufficient for
18								investigation.
								Groundwater not encountered
19								Boring grouted with hydrated bentonite.
20								

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTB67-1
SHEET 1	OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:		DEPTH:	16 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB67-4-3				Well graded gravel, fine to medium gravel, brown, dry.	0	GW	
2					SAND: Brown, Damp, Medium			Some Brick and Concrete Fragments.
3	TTB67-4-3				Poorly graded sand, medium, brown, moist.	0	SP	
4								
5	TTB67-4-5				Poorly graded sand as described above.	0		
6								
7								
8								
9					Poorly graded sand as described above.			
10	TTB67-4-10					0		
11								Total Depth = 10 feet.
12								Boring terminated at depth sufficient for investigation.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
20								

LOGGED BY: Chris Merritt

SOIL BORING LOG

BORING NO:	TTB67-1
SHEET 1	OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8G001 TBT	DATE:	6/19/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	FISCH		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:		DEPTH:	16 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB67-1-1				Well graded sand, fine to medium, brown, dry.	0	SW	
2					Poorly graded sand, medium, brown, moist.		SP	
3	TTB67-1-3					0		
4					Poorly graded sand as described above.			
5	TTB67-1-5					0		
6								
7								
8					Poorly graded sand as described above			
9								
10	TTB67-1-10					0		Total Depth - 10 feet
11								Boring terminated at depth sufficient for investigation.
12								Groundwater not encountered.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	TTB67-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/23/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
					Silty sand, brown, moist.		SM	Asphalt.
1	TTB67-2-S					0		
2						0		
					Poorly graded sand, brown, dry to moist.		SP	
3	TTB67-2-3					0		Brick Debris.
4								
					Poorly graded sand as described above.			
5	TTB67-2-5					0		Brick Debris.
6								
7								
8								Charcoal Debris
					Poorly graded sand as described above.			
9								
10	TTB67-2-10					0		
11								
12								
13								
14								
					Silty clay, gray-olive, wet, medium plasticity, slight		CL	
15	TTB67-2-15				hydrocarbon odor.	0		
16								
17								Total Depth = 16.5 feet bgs.
								Boring terminated at depth sufficient for
18								investigation.
								Groundwater not encountered.
19								Boring grouted with hydrated bentonite
20								

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SOIL BORING LOG

BORING NO:	TTB67-3
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	5/23/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silty sand, brown, moist.		SM	Asphalt.
1	TTB67-3-1					0		
2						0		
3	TTB67-3-3				Poorly graded sand, medium brown, dry to moist.	0	SP	Brick Debris
4								
5	TTB67-3-5				Poorly graded sand as described above	0		
6								
7								
8								
9					Poorly graded sand, medium, dark brown, moist, slight hydrocarbon odor.			
10	TTB67-3-10					0		
11								
12								
13								OVA in 'F' cell not working (FID)
14								
15	TTB67-3-15				Fat clay, olive and dark gray, moist, medium to high plasticity, hydrocarbon odor detected.	0	CH	
16								
17								Total Depth = 16.5 feet bgs
18								Boring terminated at depth sufficient for investigation.
19								Groundwater not encountered
20								Boring grouted with hydrated bentonite.

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SOIL BORING LOG

BORING NO:	TTB67-4
SHEET 1	OF 1

PROJECT NAME:	CALTRANS TBT		
PROJECT NUMBER:	8C001 TBT	DATE:	6/10/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		FISCH	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:		DEPTH:	16 FEET

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Well graded gravel, fine to medium gravel, brown, dry.		GW	
	TTB67-4-5					0		
2					SAND: Brown, Damp, Medium			Some Brick and Concrete Fragments.
3					Poorly graded sand, medium, brown, moist.		SP	
	TTB67-4-3					0		
4								
					Poorly graded sand as described above.			
5						0		
	TTB67-4-5							
6								
7								
8								
					Poorly graded sand as described above			
9								
10						0		
	TTB67-4-10							Total Depth = 10 feet.
11								Boring terminated at depth sufficient for investigation.
12								Groundwater not encountered.
13								Boring grouted with hydrated bentonite.
14								
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	TTB66-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/23/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.		SM	
2	TTB66-1-5					0		
3					Poorly graded sand, brown, moist, medium plasticity.		SP	
4	TTB66-1-3.5					0		Brick Debris.
5					Poorly graded sand as described above.	0		
6	TTB66-1-5.5							
7								
8								Brick Debris
9								
10					Clayey sand, poorly graded, brown, medium plasticity	0	SC	
11								
12	TTB66-1-11.5							
13								
14					Poorly graded sand, gray-brown, wet.		SP	
15								
16	TTB66-1-15.5							Total Depth = 16 feet.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

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SOIL BORING LOG

BORING NO:	TTB66-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/23/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
0					Silty sand, brown, moist.		SM	
1								
2	TTB66-2-2					0		
					Poorly graded sand, brown, moist, medium plasticity.		SP	
3						0		Brick Debris.
4	TTB66-2-4							
					Poorly graded sand as described above.			
5								
6	TTB66-2-6					0		
7								
8								Brick Debris
9								
10								
					Clayey sand, poorly graded, brown, medium plasticity.	0	SC	
11								
12	TTB66-2-12							
13								
14								
					Poorly graded sand, gray-brown, wet.		SP	
15								
16	TTB66-2-16							
								Total Depth 16 feet.
17								Boring termination at depth sufficient for investigation.
18								Groundwater not encountered.
								Boring grouted with hydrated bentonite.
19								
20								

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SOIL BORING LOG

BORING NO:	TTB66-3
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	6G001	DATE:	6/23/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Artificial fill		SM	
2						0		
3					Poorly graded sand, brown, moist, medium plasticity.		SP	
4						0		Brick Debris.
5					Poorly graded sand as described above.			
6						0		
7								
8								Brick Debris.
9								
10					Poorly graded sand as described above.	0		
11								
12								
13								
14								
15					Poorly graded sand, fray brown, wet.			
16								Total Depth = 16 feet.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

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SOIL BORING LOG

BORING NO:	TTB66-4
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
6/23/98	No groundwater encountered.	1st Hole 1' refusal
		2nd Hole 16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN.)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Artificial fill	0	SM	Asphalt.
2					Poorly graded sand, medium, brown to dark brown, moist.		SP	
3						0		
4					Poorly graded sand as described above.			
5						0		
6								
7								
8								Brick Debris.
9								
10					Poorly graded sand as described above.	0		
11								
12								
13								
14					Clayey sand, with some pebbles, rounded, 1/8" diameter, gray, wet.		SC	
15						0		
16								Total Depth = 16 feet.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

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SOIL BORING LOG

BORING NO:	TTB65-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/22/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.		SM	Asphalt.
	TTB65-1-2					0		
2						0		
					Poorly graded sand, brown, dry to moist.		SP	
3	TTB65-1-3					0		Brick Debris.
4								
					Poorly graded sand as described above.			
5	TTB65-1-5					0		
6								
7								
8								
					Poorly graded sand as described above.			
9								
10	TTB65-1-10					0		Small slag deposits.
11								
12								
13								
14								
					Poorly graded sand, dark olive, wet.			
15	TTB65-1-15					0		
16								
17								Total Depth = 16.5 feet.
								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
20								

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SOIL BORING LOG

BORING NO:	TTB65-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/22/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB65-2-S				Silty sand, brown, moist.		SM	Asphalt.
2						0		
3	TTB65-2-3				Poorly graded sand, medium, brown, moist.	0	SP	Slag and Brick Debris.
4								
5	TTB65-2-5				Poorly graded sand as described above.	0		
6								
7								
8								Brick Debris.
9					Poorly graded sand as described above.			
10	TTB65-2-10					0		
11								
12								
13								
14								
15	TTB65-2-15				Silty clay, gray, wet, medium plasticity.	0	CL	
16					Bedrock (sandstone)			
17								Total Depth = 16.5 feet.
18								Boring terminated at depth sufficient for investigation.
19								Groundwater not encountered.
20								Boring grouted with hydrated bentonite.

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SOIL BORING LOG

BORING NO:	TTB65-3
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/22/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.		SM	
2	TTB65-3-2					0		
3						0		
4	TTB65-3-3				Poorly graded sand, medium, brown, dry to moist.	0	SP	
5					Poorly graded sand as described above.			
6	TTB65-3-6					0		Brick Debris.
7								
8								
9					Poorly graded sand with pebbles, angular, brown, moist to wet.	0		
10	TTB65-3-10							Brick Rocks Debris.
11								
12								
13								
14								
15					Sandy lean clay, gray, wet, low plasticity.		CL	
16	TTB65-3-15					0		
17								Total Depth = 16.5 feet.
18								Boring terminated at depth sufficient for investigation.
19								Groundwater not encountered.
20								Boring grouted with hydrated bentonite.

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SOIL BORING LOG

BORING NO:	TTB65-4
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/22/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.		SM	Asphalt.
2						0		
3					Poorly graded sand with some stone, rounded, brown, dry to moist.		SP	
4						0		Rock Debris.
5					Poorly graded sand as described above.			
6						0		
7								
8								
9								Rock Debris.
10								
11					Poorly graded sand as described above.			
12						0		
13								
14								
15					Lean clay with sand, gray, wet.		CL	
16					Bedrock (sandstone)	0		
17								Total Depth = 16 feet.
18								Boring terminated at depth sufficient for investigation.
19								Groundwater not encountered.
20								Boring grouted with hydrated bentonite.

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SOIL BORING LOG

BORING NO:	TTB64-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/22/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	7"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	16'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB64-1-5				Silty sand, brown, moist.	0	SM	Asphalt.
2								Brick Debris.
3					Poorly graded sand, medium, light brown to brown, dry to moist.	0	SP	
4								
5	TTB64-1-5					0		
6								Brick Debris.
7								
8					Poorly graded sand as described above			
9	TTB64-1-9					0		
10						0		
11								
12								
13								
14					Poorly graded sand with pebbles, rounded, black, wet.			
15	TTB64-1-15					0		Wood Debris
16								Total Depth = 16 feet bgs.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite
20								

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SOIL BORING LOG

BORING NO:	TTB64-3
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/22/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	Fisch		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:	2"	DEPTH:	

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB64-3-S				Silty sand, brown, moist	0	SM	Asphalt
3	TTB64-3-S				Poorly graded sand, medium, brown moist	0	SP	
5	TTB64-3-S				Poorly graded sand as described above	0		
9					Silty sand, medium, poorly graded, brown, moist.		SM	
10	TTB64-3-S10					0		
17	TTB64-3-S17				Elastic silt, gray-brown, supersaturated	0	MH	
								Total Depth = 18.5 feet bgs
								Boring terminated at depth sufficient for investigation
								Groundwater not encountered.
								Boring grouted with hydrated bentonite.

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SOIL BORING LOG

BORING NO:	TTB63-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/22/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	9'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB63-1-1				Silty sand, brown, moist.	0	SM	Asphalt.
2								
3	TTB63-1-3				Silty sand as described above.	0		Brick Debris.
4								
5	TTB63-1-5				Silty sand as described above.	0		
6								
7								Total depth = 9 feet.
8								Refusal at 9 feet.
9								No groundwater encountered.
10					No recovery			Boring grouted with hydrated bentonite.
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

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SOIL BORING LOG

BORING NO:	TTB63-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/16/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB63-2-1				Poorly graded sand, brown, moist.	0	SP	
2						0		
3	TTB63-2-3				Poorly graded sand as described above.	0		Brick Debris.
4								
5	TTB63-2-5				Poorly graded sand as described above.	0		
6								Total Depth = 12 feet bgs.
7								Refusal at 12 feet bgs.
8								Groundwater not encountered.
9								Boring grouted with hydrated bentonite.
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTB63-3
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/22/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	13'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1					Silty sand, brown, moist.		SM	Asphalt.
2	TTB63-3-2					0		
3						0		Brick Debris.
4	TTB63-3-4				Poorly graded sand, light brown to brown, moist.	0	SP	
5	TTB63-3-5					0		
6								
7								
8					Poorly graded sand as described above.			
9								
10	TTB63-3-10					0		
11								Total Depth = 13 feet bgs.
12								Refusal at 13 feet bgs, bedrock.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
20								

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTB63-4
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/22/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB63-4-5				Silty sand, brown, moist.	0	SM	Asphalt.
2								
3								Brick Debris.
4					Poorly graded sand, brown, moist.		SP	Brick Debris.
5	TTB63-4-5					0		
6								Brick Debris.
7								
8					Poorly graded sand, dark brown, moist.			
9	TTB63-4-9					0		
10						0		
11								
12								
13								
14					Lean clay, olive and light brown, moist to wet, medium plasticity.		CL	
15	TTB63-4-15					0		
16								Total Depth = 16 feet bgs.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
0								

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTB62-1
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/23/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB62-1-0				Silty sand, brown, moist.	0	SM	
2								
3	TTB62-1-3				Poorly graded sand, medium, brown to dark brown, dry to moist.	0	SP	Brick Debris.
4								
5	TTB62-1-5				Poorly graded sand as described above.	0		Brick Debris.
6								
7								
8								
9					Poorly graded sand as described above.			Slag, brick debris.
10	TTB62-1-10					0		
11								
12								
13								
14					Poorly graded sand, brown-gray, wet.			
15	TTB62-1-15					0		
16								Total Depth = 16 feet bgs.
17								Boring terminated at depth sufficient for investigation.
18								Groundwater not encountered.
19								Boring grouted with hydrated bentonite.
0								

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTB62-2
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/23/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:	Fisch		
DRILLING METHOD:	FISCH ENVIRONMENTAL		
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	10'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB62-2-0				Silty sand, brown, moist.	0	SM	Asphalt.
2								
3	TTB62-2-3				Poorly graded sand, brown to dark brown, moist.	0	SP	Brick Debris.
4								
5	TTB62-2-5				Poorly graded sand as described above.	0		Brick Debris
6								
7								
8								
9					Poorly graded sand as described above.			Brick Debris
10	TTB62-2-10					0		Refusal (Strata Unknown) at 10' bgs
11								Total Depth – 10 feet bgs.
12								Refusal at 10 feet bgs.
13								Groundwater not encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
0								

LOGGED BY: Scott Bowers

SOIL BORING LOG

BORING NO:	TTB62-3
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/22/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	20'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	10'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB62-3-5				Poorly graded sand, medium, brown, moist.	0	SP	
2								
3					Poorly graded sand as described above.			
4	TTB62-3-3					0		Back Doors.
5					Poorly graded sand as described above.			
6	TTB62-3-5					0		
7								
8								
9					Poorly graded sand as described above.			
10						0		
11	TTB62-3-10							Total Depth = 10 feet bgs.
12								Boring terminated at depth sufficient for investigation.
13								No groundwater encountered.
14								Boring grouted with hydrated bentonite.
15								
16								
17								
18								
19								
20								

LOGGED BY: Scott Bowers

* Boundaries between materials may be gradual

SOIL BORING LOG

BORING NO:	TTB62-4
SHEET 1	OF 1

PROJECT NAME:	Transbay Terminal		
PROJECT NUMBER:	8G001	DATE:	6/23/98
NORTHINGS:		EASTINGS:	
DRILLING COMPANY:		Fisch	
DRILLING METHOD:		FISCH ENVIRONMENTAL	
BORING DIAMETER:	2"	DEPTH:	15'

GROUNDWATER LEVELS

DATE	COMMENTS	DEPTH BGS
	No groundwater encountered.	15'

DEPTH (FEET)	SAMPLE NO.	RECOVERY (IN)	SAMPLE INTERVAL	BLOW COUNT	DESCRIPTION	PID (PPM)	USCS	REMARKS
1	TTB62-3-3				Poorly graded sand, medium, brown, moist.	0	SP	
2								
3					Poorly graded sand as described above.			
4	TTB62-3-5					0		Brick Debris.
5					Poorly graded sand as described above			
6	TTB62-3-7					0		
7								
8								
9					Poorly graded sand as described above			
10	TTB62-3-10					0		
11								
12								
13								
14								
15	TTB62-3-15					0		
16								Total Depth = 15 feet bgs
17								Boring terminated at depth sufficient for investigation
18								No groundwater encountered.
19								Boring grouted with hydrated bentonite.
20								

LOGGED BY: Scott Bowers

SITE INVESTIGATION REPORT
VOLUME 3 (APPENDIX C)

WEST APPROACH PROJECT INCLUDING
TRANSBAY TERMINAL LOOP
SAN FRANCISCO, CALIFORNIA

prepared for

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
111 Grand Avenue
Oakland, California

Task Order Number: 04-133331-DC
EA Number: 133331

prepared by

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
Environmental Engineering Branch
&
Professional Service Industries, Inc.
1320 West Winton Avenue
Hayward, California 94545
(510) 785-1111

June, 1999
575-8G001

Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980508-09
PACE ANALYTICAL WO #: 13164A
Client ID #: BG001 SFW

Date: 6/3/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/06/98 and received on 05/06/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
BTEX (Soil)	2-3
TPH-Speciation (Soil)	4-7
CCR Metals (Soil)	8-16
List of Abbreviations and Definitions	17

In addition the analyses for 8080, 8260, 8270 & Mercury were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by.
Richard Villalania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St,
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980506-09
PACE ANALYTICAL WO#:13164A
Client ID#:8G001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	T-28-1-SUR	T-28-1-3	T-28-1-5	T-28-1-10	T-28-1-15	T-28-1-20	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/11/98	05/11/98	05/11/98	05/11/98	05/11/98	05/11/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	94	98	96	96	98	100	59-134

Client ID:	T-28-1-25	T-28-1-30	T-28-1-35	T-28-1-40	T-28-1-45	T-28-1-50	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	05/11/98	05/11/98	05/11/98	05/11/98	05/11/98	05/11/98	05/11/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:								Acceptable Range:
a,a,a-Trifluorotoluene	96	93	102	98	99	101	100	59-134

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/11/98		05/11/98	05/11/98			
Analyte							
Benzene	95	74-116	92	88	72-115	4.4	0-26
Toluene	98	73-116	95	92	70-114	3.2	0-22
Ethylbenzene	100	75-118	98	94	68-119	4.2	0-24
Total Xylenes	100	78-120	99	93	74-117	6.2	0-22

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Pace Analytical

PACE ANALYTICAL Project#:980508-09
PACE ANALYTICAL WO#:13164A
Client ID#:8G001 SFW

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	PRL mg/Kg	DF
Client ID:	Analysis Date			
Method Blank	05/08/98	<10	10	1
R5-2-10	05/08/98	<10	10	1
R5-2-15	05/08/98	<10	10	1
R5-2-20	05/08/98	<10	10	1
R5-2-25	05/08/98	<10	10	1
R5-1-20	05/08/98	<10	10	1
R5-1-25	05/08/98	<10	10	1
R5-1-30	05/08/98	<10	10	1
R5-1-35	05/08/98	<10	10	1
R5-2-SUR	05/08/98	<10	10	1
R5-2-2	05/08/98	<10	10	1
R5-2-2 Dup.	05/08/98	<10	10	1
R5-2-4	05/08/98	<10	10	1
T-28-2-50	05/08/98	<10	10	1
T-28-2-55	05/08/98	<10	10	1
R-5-1-SUR	05/08/98	<10	10	1
R-5-1-2	05/08/98	<10	10	1
R5-1-4	05/08/98	<10	10	1
R5-1-10	05/08/98	<10	10	1
R5-1-15	05/08/98	<10	10	1
T-28-2-10	05/08/98	<10	10	1
T-28-2-16	05/08/98	<10	10	1
T-28-2-16 Dup.	05/08/98	<10	10	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980508-09
PACE ANALYTICAL WO#:13164A
Client ID#:8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/08/98		05/08/98	05/08/98			
TPH-Speciation	114	80-120	79	72	70-130	9.3	0-30

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	PRL mg/Kg	DF
Client ID:	Analysis Date			
Method Blank	05/09/98	<10	10	1
T-28-2-20	05/09/98	<10	10	1
T-28-2-25	05/09/98	<10	10	1
T-28-2-30	05/09/98	<10	10	1
T-28-2-35	05/09/98	<10	10	1
T-28-2-40	05/09/98	<10	10	1
T-28-2-45	05/09/98	<10	10	1
T-28-1-35	05/09/98	<10	10	1
T-28-1-40	05/09/98	<10	10	1
T-28-1-45	05/09/98	<10	10	1
T-28-1-50	05/09/98	<10	10	1
T-28-1-50 Dup.	05/09/98	<10	10	1
T-28-2-SUR	05/09/98	<10	10	1
T-28-2-5	05/09/98	<10	10	1
T-28-2-6	05/09/98	<10	10	1
T-28-1-SUR	05/09/98	<10	10	1
T-28-1-3	05/09/98	<10	10	1
T-28-1-5	05/09/98	<10	10	1
T-28-1-10	05/09/98	<10	10	1
T-28-1-15	05/09/98	<10	10	1
T-28-1-20	05/09/98	<10	10	1
T-28-1-25	05/09/98	<10	10	1
T-28-1-25 Dup.	05/09/98	<10	10	1
T-28-1-30	05/13/98	<10	10	1
T-28-1-30 Dup.	05/13/98	<10	10	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/09/98		05/09/98	05/09/98			
TPH-Speciation	85	80-120	70	70	70-130	0.0	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/13/98		05/13/98	05/13/98			
TPH-Speciation	78	80-120	90	89	70-130	1.1	0-30

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Pace Analytical

PACE ANALYTICAL Project#:980508-09
PACE ANALYTICAL WO#:13164A
Client ID#:8G001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/25 TTLC METALS

Client ID:	T-28-1-SUR	T-28-1-3	T-28-1-5	T-28-1-10	T-28-1-15	T-28-1-20	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	5.1	6.6	5.0	6010
Barium (Ba)	86	130	150	170	170	230	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	0.5	0.7	0.9	<0.5	0.9	0.5	6010
Chromium (Cr)	14	24	24	27	17	22	0.5	6010
Cobalt (Co)	6.2	6.7	7.0	7.4	12	15	1.0	6010
Copper (Cu)	29	32	32	68	26	36	2.5	6010
Lead (Pb)	7.4	170	76	82	24	100	1.0	6010
Mercury (Hg)	<0.05	0.15	0.17	0.47	0.07	0.10	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	14	25	24	27	28	34	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	5.3	7.0	5.0	6010
Vanadium (V)	23	20	21	29	16	21	0.5	6010
Zinc (Zn)	44	140	76	95	75	150	10	6010
DF	1	1	1	1	1	1		

REPORT OF LABORATORY ANALYSIS

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PACE ANALYTICAL Project#:980508-09
PACE ANALYTICAL WO#:13164A
Client ID#:8G001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T-28-1-25	T-28-1-30	T-28-1-35	T-28-1-40	T-28-1-45	T-28-1-50	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	6.9	6.6	<5.0	5.0	6010
Barium (Ba)	100	83	64	110	390	71	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.8	3.3	<0.5	0.5	6010
Chromium (Cr)	40	37	48	20	19	40	0.5	6010
Cobalt (Co)	8.8	7.2	4.7	9.3	17	1.7	1.0	6010
Copper (Cu)	14	13	8.4	22	32	8.5	2.5	6010
Lead (Pb)	53	36	12	9.7	34	3.7	1.0	6010
Mercury (Hg)	0.08	0.12	0.11	<0.10*	<0.10*	<0.10*	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	30	29	31	29	41	11	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	5.7	<5.0	5.0	6010
Vanadium (V)	31	32	26	21	21	11	0.5	6010
Zinc (Zn)	62	46	30	61	81	32	10	6010
DF	1	1	1	1	1	1		

*Analysis for mercury was performed at ATL.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T-28-2-SUR	T-28-2-5	T-28-2-8	T-28-2-10	T-28-2-16	T-28-2-20	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98		
Analyte									
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	6.2	<5.0	9.2	<5.0	5.0	6010
Barium (Ba)	170	140	120	220	140	220	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	1.1	0.7	0.5	1.9	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	23	27	24	25	25	18	<0.5	0.5	6010
Cobalt (Co)	9.8	8.2	6.3	11	5.3	13	<1.0	1.0	6010
Copper (Cu)	28	26	22	35	27	30	<2.5	2.5	6010
Lead (Pb)	68	58	42	76	24	17	<1.0	1.0	6010
Mercury (Hg)*	0.15	<0.10	<0.10	0.40	0.13	0.20	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	28	30	24	35	24	30	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	<5.0	5.0	6010
Vanadium (V)	21	23	20	23	31	18	<0.5	0.5	6010
Zinc (Zn)	83	65	56	90	50	71	<10	10	6010
DF	1	1	1	1	1	1	1		

*Analysis for mercury was performed at ATL.

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3970 Gilman St.
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Fax: 562-597-0786

Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/15/98		05/15/98	05/15/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	86	70-130	45**	51**	60-130	13	0-25
Arsenic (As)	6010	86	78-104	83	79	34-135	4.9	0-15
Barium (Ba)	6010	103	81-117	81	86	55-130	6.0	0-25
Beryllium (Be)	6010	98	70-130	78	78	70-130	0.0	0-25
Cadmium (Cd)	6010	88	75-104	75	70	73-115	6.9	0-15
Chromium (Cr)	6010	91	81-103	74	67	62-125	9.9	0-15
Cobalt (Co)	6010	89	70-130	72	69	70-130	4.3	0-25
Copper (Cu)	6010	88	70-130	74	66	70-140	11	0-25
Lead (Pb)	6010	85	76-104	61	52	48-120	16	0-30
Mercury (Hg)*	7471	102	70-130	104	104	53-139	0	0-30
Molybdenum (Mo)	6010	92	70-130	73	73	70-130	0.0	0-25
Nickel (Ni)	6010	88	70-130	72	62	70-130	15	0-25
Selenium (Se)	6010	86	79-102	73	70	42-120	4.2	0-16
Silver (Ag)	6010	97	77-107	77	77	53-115	0.0	0-19
Thallium (Tl)	6010	89	70-130	78	75	70-130	3.9	0-25
Vanadium (V)	6010	91	70-130	79	71	70-130	11	0-25
Zinc (Zn)	6010	89	70-130	70	60	70-130	15	0-25

*Analysis for mercury was performed at ATL.
** Sample matrix effect

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Pace Analytical

PACE ANALYTICAL Project#:980508-09
PACE ANALYTICAL WO#:13164A
Client ID#:BQ001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/25 TTLC METALS

Client ID:	T-28-2-25	T-28-2-30	T-28-2-35	T-28-2-40	T-28-2-45	T-28-2-50	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	6.4	8.2	5.8	5.2	<5.0	7.3	5.0	6010
Barium (Ba)	150	280	240	310	130	130	10	6010
Beryllium (Be)	<0.5	0.5	<0.5	<0.5	<0.5	0.6	0.5	6010
Cadmium (Cd)	0.6	0.8	0.8	0.6	<0.5	0.7	0.5	6010
Chromium (Cr)	16	21	21	21	14	17	0.5	6010
Cobalt (Co)	8.7	13	9.5	10	8.2	13	1.0	6010
Copper (Cu)	21	39	27	25	13	17	2.5	6010
Lead (Pb)	10	59	130	640	44	15	1.0	6010
Mercury (Hg)*	<0.10	0.40	0.19	0.28	0.30	0.54	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	25	35	28	29	20	28	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	6.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	15	20	19	21	15	18	0.5	6010
Zinc (Zn)	57	120	97	140	68	51	10	6010
DF	1	1	1	1	1	1		

*Analysis for mercury was performed at ATL.

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Pace Analytical

PACE ANALYTICAL Project#:980508-09
PACE ANALYTICAL WO#:13164A
Client ID#:8G001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T-28-2-55	R5-1-SUR	R5-1-2	R5-1-4	R5-1-10	R5-1-15	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.5	<5.0	5.2	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	400	130	170	150	170	110	10	6010
Beryllium (Be)	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	<0.5	0.9	<0.5	0.5	<0.5	0.5	6010
Chromium (Cr)	19	27	28	20	24	37	0.5	6010
Cobalt (Co)	13	9.4	8.3	6.9	7.8	7.1	1.0	6010
Copper (Cu)	27	20	73	62	32	10	2.5	6010
Lead (Pb)	110	49	160	85	110	31	1.0	6010
Mercury (Hg)	0.28*	0.19*	0.52*	0.16*	0.20*	0.78	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	31	28	29	20	25	29	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	18	22	25	20	21	29	0.5	6010
Zinc (Zn)	78	76	120	82	120	35	10	6010
DF	1	1	1	1	1	1		

*Analysis for mercury was performed at ATL.

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Pace Analytical

PACE ANALYTICAL Project#:980506-09
PACE ANALYTICAL WO#:13164A
Client ID#:8G001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	R5-1-20	R5-1-25	R5-1-30	R5-1-35	R5-2-SUR	R5-2-2	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	7.9	<5.0	<5.0	5.0	6010
Barium (Ba)	95	86	140	190	99	99	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.7	0.7	<0.5	<0.5	0.5	6010
Chromium (Cr)	47	41	34	21	19	18	0.5	6010
Cobalt (Co)	6.4	7.5	8.7	9.9	6.8	5.6	1.0	6010
Copper (Cu)	12	17	24	32	22	23	2.5	6010
Lead (Pb)	69	63	42	19	29	47	1.0	6010
Mercury (Hg)	0.24	0.24	*	0.13	0.22	0.26	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	31	31	26	31	19	21	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.8	<5.0	<5.0	5.0	6010
Vanadium (V)	31	33	30	22	27	19	0.5	6010
Zinc (Zn)	53	70	56	67	53	120	10	6010
DF	1	1	1	1	1	1		

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Pace Analytical

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	R5-2-4	R5-2-10	R5-2-15	R5-2-20	R5-2-25	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	6.4	9.2	<5.0	<5.0	5.0	6010
Barium (Ba)	100	170	210	300	260	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.7	0.6	0.6	1.1	0.8	<0.5	0.5	6010
Chromium (Cr)	25	37	15	21	18	<0.5	0.5	6010
Cobalt (Co)	6.6	7.4	12	12	9.3	<1.0	1.0	6010
Copper (Cu)	26	29	25	39	33	<2.5	2.5	6010
Lead (Pb)	85	47	13	120	140	<1.0	1.0	6010
Mercury (Hg)	0.18	0.13	0.07	0.14	0.25	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	25	33	25	33	24	<0.5	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	7.5	<5.0	<5.0	5.0	6010
Vanadium (V)	22	29	15	20	20	<0.5	0.5	6010
Zinc (Zn)	69	64	62	130	140	<10	10	6010
DF	1	1	1	1	1	1		

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Pace Analytical

PACE ANALYTICAL Project#:980508-09
PACE ANALYTICAL WO#:13164A
Client ID#:BG001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/15/98		05/15/98	05/15/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	86	70-130	27**	25**	60-130	7.7	0-25
Arsenic (As)	6010	85	78-104	71	78	34-135	9.4	0-15
Barium (Ba)	6010	101	81-117	84	91	55-130	8.0	0-25
Beryllium (Be)	6010	87	70-130	77	79	70-130	2.6	0-25
Cadmium (Cd)	6010	84	75-104	68**	72	73-115	5.7	0-15
Chromium (Cr)	6010	99	81-103	75	82	62-125	8.9	0-15
Cobalt (Co)	6010	87	70-130	76	74	70-130	2.7	0-25
Copper (Cu)	6010	89	70-130	97	118	70-140	20	0-25
Lead (Pb)	6010	84	76-104	60	68	48-120	13	0-30
Mercury (Hg)	7471	96	70-130	100	87	70-130	13	0-30
Mercury (Hg)*	7471	104	70-130	113	101	63-139	11	0-30
Molybdenum (Mo)	6010	90	70-130	66**	66**	70-130	0.0	0-25
Nickel (Ni)	6010	86	70-130	69**	77	70-130	11	0-16
Selenium (Se)	6010	88	79-102	67	72	42-120	7.2	0-19
Silver (Ag)	6010	92	77-107	72	76	53-115	5.4	0-25
Thallium (Tl)	6010	90	70-130	73	80	70-130	9.2	0-25
Vanadium (V)	6010	90	70-130	76	84	70-130	10	0-25
Zinc (Zn)	6010	86	70-130	68**	74	70-130	8.5	0-30

*Analysis for mercury was performed at ATL.
** Sample matrix effect.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Page 1 of 1

310.A
980508-09

423403

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSE	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To: Same		Pace Project Manager
Phone: 510 785 1111	P.O. # / Billing Reference: 86001 SAW		Pace Project No.
	Project Name / No.: Coffman 3		*Requested Due Date: 5-22-98

Sampled By (PRINT): Tim O'Brien

Sampler Signature: Tim O'Brien

Date Sampled: 5/6/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	TPH-D	BTEX	8260	8270	REMARKS
1	[redacted] ✓				1						X	X	X	X	X	
2	[redacted] ✓				1						X	X	X	X	X	
3	[redacted] ✓				1						X	X	X	X	X	
4	[redacted] ✓				1						X	X	X	X	X	
5	[redacted] ✓				1						X	X	X	X	X	
6	[redacted] ✓				1						X	X	X	X	X	
7	[redacted] ✓				1						X	X	X	X	X	
8	T-75-1-30 ✓										X	X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Tim O'Brien	5/6/98				

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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13169A
980508-09

423407

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSC	Report To: Frank Foss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To: same		Pace Project Manager
Phone: 510 785 1111	P.O. # / Billing Reference: 8600 / SAW		Pace Project No.
	Project Name / No.: Caltrans		*Requested Due Date: 5-22-98

Sampled By (PRINT): Tim O'Brien

Sampler Signature: Tim O'Brien Date Sampled: 5/6/98

ITEM NO.	SAMPLE DESCRIPTION		TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	1314.5	BTEX	PCB	8260	8270	REMARKS
1	[redacted]-3S	✓				1						X	X	X	X		X	
2	[redacted]	✓				1						X	X	X	X		X	
3	[redacted]-5	✓				1						X	X	X	X		X	
4	[redacted]	✓				1						X	X	X	X		X	Push BTEX (Cam 17) 8220 TPH-5
5	T-28-1-55	✓				1												Archive
6	T-28-2-SUR	✓	✓			1						X	X			X		
7	T-28-2-5	✓	✓			1						X	X			X		
8	T-28-2-6	✓	✓			1						X	X			X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS	ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
					Tim O'Brien	5/6/98				

Additional Comments

✓ 8260

[redacted] 8270 PCB

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

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15104

980508-09

423406

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSE	Report To: Frank Foss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: Same		Pace Project Manager
Phone: 510 785 1111	P.O. # / Billing Reference: 86701 SAW		Pace Project No
	Project Name / No.: Cathays		*Requested Due Date: 5-22-98

Sampled By (PRINT): Tim O'Brien

Sampler Signature: Tim O'Brien

Date Sampled: 5/6/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	TPH-D	8260	REMARKS
1	T-28-2-10 ✓	✓			1						X	X	X	
2	T-28-2-16 ✓	✓			1						X	X	X	
3	T-28-2-20 ✓	✓			1						X	X	X	
4	T-28-2-25 ✓	✓			1						X	X	X	
5	T-28-2-30 ✓	✓			1						X	X	X	
6	T-28-2-35 ✓	✓			1						X	X	X	
7	T-28-2-40 ✓	✓			1						X	X	X	
8	T-28-2-45 ✓	✓			1						X	X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Tim O'Brien	5/6/98				

Additional Comments

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Advanced Technology Laboratories

May 26, 1998 ELAP No.: 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafana

Client's Project: 980508-09
Lab No.: 26189-001/022

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 980508-09

Date Received: 05/21/98
Date Sampled: NA

Lab No.	Sample ID	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
26189-001	T-28-1-40	EPA 7471 (Mercury)	05/26/98	ND	Soil, mg/kg	0.10	0.10	DJ
26189-002	T-28-1-45	EPA 7471 (Mercury)	05/26/98	ND	Soil, mg/kg	0.10	0.10	DJ
26189-003	T-28-1-50	EPA 7471 (Mercury)	05/26/98	ND	Soil, mg/kg	0.10	0.10	DJ
26189-004	T-28-1-55	EPA 7471 (Mercury)	05/26/98	ND	Soil, mg/kg	0.10	0.10	DJ
26189-005	T-28-2-SUR	EPA 7471 (Mercury)	05/26/98	0.15	Soil, mg/kg	0.10	0.10	DJ
26189-006	T-28-2-5	EPA 7471 (Mercury)	05/26/98	ND	Soil, mg/kg	0.10	0.10	DJ
26189-007	T-28-2-6	EPA 7471 (Mercury)	05/26/98	ND	Soil, mg/kg	0.10	0.10	DJ
26189-008	T-28-2-10	EPA 7471 (Mercury)	05/26/98	0.40	Soil, mg/kg	0.10	0.10	DJ
26189-009	T-28-2-16	EPA 7471 (Mercury)	05/26/98	0.13	Soil, mg/kg	0.10	0.10	DJ
26189-010	T-28-2-20	EPA 7471 (Mercury)	05/26/98	0.20	Soil, mg/kg	0.10	0.10	DJ
26189-011	T-28-2-25	EPA 7471 (Mercury)	05/26/98	ND	Soil, mg/kg	0.10	0.10	DJ
26189-012	T-28-2-30	EPA 7471 (Mercury)	05/26/98	0.40	Soil, mg/kg	0.10	0.10	DJ
26189-013	T28-2-35	EPA 7471 (Mercury)	05/26/98	0.19	Soil, mg/kg	0.10	0.10	DJ
26189-014	T28-2-40	EPA 7471 (Mercury)	05/26/98	0.28	Soil, mg/kg	0.10	0.10	DJ
26189-015	T28-2-45	EPA 7471 (Mercury)	05/26/98	0.30	Soil, mg/kg	0.10	0.10	DJ
26189-016	T-28-2-50	EPA 7471 (Mercury)	05/26/98	0.54	Soil, mg/kg	0.10	0.10	DJ
26189-017	T-28-2-55	EPA 7471 (Mercury)	05/26/98	0.28	Soil, mg/kg	0.10	0.10	DJ
26189-018	T-28-2-60	EPA 7471 (Mercury)	05/26/98	0.28	Soil, mg/kg	0.10	0.10	DJ
26189-019	R5-1-2	EPA 7471 (Mercury)	05/26/98	0.52	Soil, mg/kg	0.10	0.10	DJ
26189-020	R5-1-4	EPA 7471 (Mercury)	05/26/98	0.16	Soil, mg/kg	0.10	0.10	DJ
26189-021	R5-1-10	EPA 7471 (Mercury)	05/26/98	0.20	Soil, mg/kg	0.10	0.10	DJ
26189-022	R5-1-SUR	EPA 7471 (Mercury)	05/26/98	0.19	Soil, mg/kg	0.10	0.10	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: 5/28/98
Cheryl De Los Reyes
Department Supervisor

The cover letter is an integral part of this analytical report

Spike Recovery and RPD Summary Report

Method: EPA7471
Analyst: CDR/DJ
Data File: 80526-2
QA File: 8147-2

Date Analyzed: 05-26-98
Date Digested: 05-26-98
Sample ID: see below
Matrix: SOIL/SOLID
QC Batch Number: HG980526S-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
26189-010	mg/kg	0.50	0.51	102	ND	0.24	0.20	18	0.83	1.1	1.1	104	104	63-139	0	30	0.10
26189-020	mg/kg	0.50	0.52	104	ND	0.16	0.20	22	0.83	1.1	1.0	113	101	63-139	11	30	0.10

Approved by: Cheryl De Los Reyes
Cheryl De Los Reyes
Inorganics Supervisor

Date: 5/26/98

Advanced Technology Laboratories

Pace Analytical

ATTN: MINDY

1 - F

42362C

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical
Address: 3970 Gilman
Long Beach, CA 90815
Phone: 498-9515

Report To: Richard V.
Bill To:
P.O. # / Billing Reference:
Project Name / No.:

Turn around Time
- ☐ 24 Hours
- ☒ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.: 9705 08-09
*Requested Due Date:

Sampled By (PRINT):
Sampler Signature
Date Sampled

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: HM	REMARKS
1	T-28-1-40		SOIL								X	
2	T-28-1-45										X	
3	T-28-1-50										X	
4	T-28-1-55										X	
5	T-28-2-SUR										X	
6	T-28-2-5										X	
7	T-28-2-6										X	
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS	ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
						5/21/98		Diane Dalton/ATL	5-21-98	18:15

Additional Comments

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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42362J

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical
Address:
Phone: 562-498-9515
Sampled By (PRINT):
Sampler Signature:
Date Sampled:

Report To: Richard
Bill To:
P.O. # / Billing Reference:
Project Name / No.:

Turn around Time
- [ ] 24 Hours
- [x] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week
- [ ] 2 Weeks
- [ ] Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.: 980508-09
*Requested Due Date:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST	REMARKS
1	T-28-2-10		SOIL								X	
2	T-28-2-16										X	
3	T-28-2-20										X	
4	T-28-2-25										X	
5	T-28-2-30										X	
6	T-28-2-35										X	
7	T-28-2-40										X	
8	T-28-2-45										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	[illegible]	5/21/98		Diane Dalton/PACE	5-21-98	1815

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

5 of 5

423630

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical	Report To: Richard V.	Turn around Time: ☐ 24 Hours ☒ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No: 980508-09
Phone: 562-498-9515	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature | Date Sampled

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: A5	REMARKS
1	T-28-2-50		SOIL								X	
2	T-28-2-55										X	
3	T-28-2-60										X	
4	T-2 ~~-04~~											
5	RS-1-2										X	
6	RS-1-4										X	
7	RS-1-10										X	
8	RS-1-SUR		SOIL								X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1-8	[illegible]	5/21/98		Diane Galvan/ATL	5-21-98	1615

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

May 26, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107323
Client Project ID: 980508-09

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

DATE: 05/27/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107323
Client Project ID: 980508-09

Attn: Mr.RichardVillafania
Phone: (562)498-9515

Pace Sample No.: 10630606 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-2-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/12/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/12/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/12/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/12/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/12/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/12/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/12/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	122	%		*	05/12/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	115	%		*	05/12/98	DKP	877-09-8		
Date Extracted	05/11/98			*		DKP			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107323
Client Project ID: 980508-09

Pace Sample No.: 10630606 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-2-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/13/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/13/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/13/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/13/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/13/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/13/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/13/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/13/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/13/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/13/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/13/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/13/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/13/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/13/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/13/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/13/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/13/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/13/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/13/98	SAC	99-09-2		U
4,6-Dinitro-2 methylphenol	ND	ug/kg	1600	35.673	05/13/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/13/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/13/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-6400
Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107323
Client Project ID: 980508-09

Pace Sample No.: 10630606 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-2-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/13/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/13/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/13/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/13/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/13/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/13/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/13/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/13/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/13/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.830	05/13/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	330	36.245	05/13/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	trace	ug/kg	330	71.700	05/13/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/13/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/13/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/13/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/13/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/13/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/13/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/13/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/13/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	86.139	05/13/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	49.277	05/13/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/13/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/13/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107323
Client Project ID: 980508-09

Pace Sample No.: 10030606 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-2-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/13/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.894	05/13/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/13/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/13/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	330	40.659	05/13/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	330	39.123	05/13/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/13/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/13/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	97.541	05/13/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/13/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/13/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/13/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/13/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/13/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/13/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/13/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/13/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/13/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/13/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	34.334	05/13/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	78	%		*	05/13/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	84	%		*	05/13/98	SAC	321-60-8		
2-Fluorophenol (S)	63	%		*	05/13/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	70	%		*	05/13/98	SAC	4165-60-0		

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Pace Analytical

Pace Project Number: 107323
Client Project ID: 980508-09

Pace Sample No.: 10630606 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-2-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	73	%		*	05/13/98	SAC	13127-88-3		
Terphenyl-d14 (S)	79	%		*	05/13/98	SAC	1718-51-0		
Date Extracted	05/11/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107323
Client Project ID: 980508-09

Pace Sample No.: 10630648 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: RS-1-35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/12/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/12/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/12/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/12/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/12/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/12/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/12/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	112	%		*	05/12/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	114	%		*	05/12/98	DKP	877-09-8		
Date Extracted	05/11/98			*		DKP			
Total EPA 8080	ND								

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Pace Project Number: 107323
Client Project ID: 980508-09

Pace Sample No.: 10630648 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: R5-1-35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	20.447	05/13/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/13/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/13/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/13/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/13/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/13/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/13/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/13/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/13/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/13/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/13/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/13/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/13/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/13/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/13/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/13/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/13/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/13/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/13/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/13/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/13/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/13/98	SAC	59-50-7		U

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Pace Project Number: 107323
Client Project ID: 980508-09

Pace Sample No.: 10630648 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/13/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/13/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/13/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/13/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/13/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/13/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/13/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/13/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/13/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/13/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/13/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/13/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/13/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/13/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/13/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/13/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/13/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/13/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/13/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/13/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/13/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/13/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/13/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/13/98	SAC	117-84-0		U

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Pace Project Number: 107323
Client Project ID: 980508-09

Pace Sample No.: 10630648 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: R5-1-35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/13/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/13/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/13/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/13/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.650	05/13/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/13/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/13/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/13/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/13/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/13/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/13/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/13/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/13/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/13/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/13/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/13/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/13/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/13/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/13/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/13/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	60	%		*	05/13/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	64	%		*	05/13/98	SAC	321-60-8		
2-Fluorophenol (S)	57	%		*	05/13/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	72	%		*	05/13/98	SAC	4165-60-0		

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Pace Project Number: 107323
Client Project ID: 980508-09

Pace Sample No.: 10630648 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	69	%		*	05/13/98	SAC	13127-88-3		
Terphenyl-d14 (S)	80	%		*	05/13/98	SAC	1718-51-0		
Date Extracted	05/11/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107323
Client Project ID: 980508-09

Pace Sample No.: 10630762 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-1-50 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/12/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/12/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/12/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/12/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/12/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/12/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/12/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	113	%		*	05/12/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	117	%		*	05/12/98	DKP	877-09-8		
Date Extracted	05/11/98			*		DKP			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Pace Analytical

Pace Project Number: 107323
Client Project ID: 980508-09

Pace Sample No.: 10630782 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-1-50 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS -- Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/13/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/13/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/13/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/13/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/13/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/13/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/13/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/13/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/13/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/13/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/13/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/13/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/13/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/13/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/13/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/13/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/13/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/13/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/13/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/13/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/13/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/13/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107323
Client Project ID: 980508-09

Pace Sample No.: 10630762 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-1-50 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/13/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/13/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/13/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/13/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/13/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/13/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/13/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/13/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/13/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/13/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/13/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/13/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/13/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/13/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/13/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/13/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/13/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/13/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/13/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/13/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/13/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/13/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/13/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/13/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107323
Client Project ID: 980508-09

Pace Sample No.: 10630762
Client Sample ID: T-28-1-50

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/13/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.684	05/13/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/13/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/13/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/13/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/13/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/13/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/13/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/13/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/13/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/13/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/13/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/13/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/13/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/13/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/13/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/13/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/13/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/13/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/13/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	47	%		*	05/13/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	82	%		*	05/13/98	SAC	321-60-8		
2-Fluorophenol (S)	53	%		*	05/13/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	70	%		*	05/13/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107323
Client Project ID: 980508-09

Pace Sample No.: 10630762 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-1-50 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	66	%		*	05/13/98	SAC	13127-88-3		
Terphenyl-d14 (S)	83	%		*	05/13/98	SAC	1718-51-0		
Date Extracted	05/11/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Minneapolis, MN 55414
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Pace Analytical

Pace Project Number: 107323
Client Project ID: 980508-09

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

May 15, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021568
Client Project ID: 980508-09

Dear :

Enclosed are the results of analyses for sample(s) received on May 11, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
1970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021568
Client Project ID: 980508-09

Pace Sample No.: 601865983
Client Sample ID: RS-2-25

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 5260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/11/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/11/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/11/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/11/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/11/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/11/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/11/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/11/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/11/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/11/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/11/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/11/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/11/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/11/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/11/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/11/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/11/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/11/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/11/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/11/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/11/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/11/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/11/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/11/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/11/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	108-86-1		U

Pace Project Number: 6021568
Client Project ID: 980508-09

Pace Sample No.: 601865983
Client Sample ID: RS-2-Z5

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/11/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/11/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/11/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/11/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/11/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/11/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/11/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.9	05/11/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/11/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/11/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/11/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/11/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/11/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/11/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/11/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/11/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/11/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/11/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/11/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.86	05/11/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/11/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/11/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/11/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/11/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/11/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/11/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.86	05/11/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/11/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/11/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/11/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/11/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/11/98	GPO	994-05-8		U

Pace Project Number: 6021568
Client Project ID: 980508-09

Pace Sample No.: 601865983 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-2-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/11/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/11/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/11/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/11/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/11/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.6	05/11/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/11/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/11/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/11/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	102	%		1.82	05/11/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	111	%		1.01	05/11/98	GPO	460-00-4		
Dibromofluoromethane (S)	103	%		1.81	05/11/98	GPO	1868-53-7		
Toluene-d8 (S)	112	%		1.48	05/11/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021568
Client Project ID: 980508-09

Pace Sample No.: 601865991 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/11/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/11/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/11/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/11/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/11/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/11/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/11/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/11/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/11/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/11/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/11/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/11/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/11/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/11/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.84	05/11/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/11/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/11/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/11/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/11/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/11/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/11/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/11/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/11/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/11/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/11/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	108-86-1		U

Pace Project Number: 6021568
Client Project ID: 980508-09

Pace Sample No.: 601860007 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-55 Date Received: 05/11/98

GC/MS - VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/11/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/11/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/11/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/11/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/11/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/11/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/11/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/11/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/11/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/11/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/11/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/11/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/11/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/11/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/11/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/11/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/11/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/11/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/11/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/11/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/11/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/11/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/11/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/11/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/11/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	108-86-1		U

Pace Project Number: 6021568
Client Project ID: 980508-09

Pace Sample No.: 601866007 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-55 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/11/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/11/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/11/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/11/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/11/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/11/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/11/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/11/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/11/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/11/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/11/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/11/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/11/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/11/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/11/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/11/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/11/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/11/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/11/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/11/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/11/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/11/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/11/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/11/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/11/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/11/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/11/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/11/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/11/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/11/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/11/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/11/98	GPO	994-05-8		U

Pace Project Number: 8021568
Client Project ID: 980508-09

Pace Sample No.: 601866007
Client Sample ID: T-28-2-55

Date Collected: 05/08/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/11/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/11/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/11/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/11/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/11/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/11/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/11/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/11/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/11/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	102	%		1.92	05/11/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	111	%		1.01	05/11/98	GPO	460-00-4		
Dibromofluoromethane (S)	104	%		1.81	05/11/98	GPO	1868-53-7		
Toluene-d8 (S)	117	%		1.48	05/11/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021568
Client Project ID: 980508-09

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
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Pace Analytical

May 19, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021569
Client Project ID: 980508-09

Dear :

Enclosed are the results of analyses for sample(s) received on May 11, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021669
Client Project ID: 980508-09

Pace Sample No.: 601866015
Client Sample ID: RS-2-10

Date Collected: 05/08/98
Date Received: 05/11/98

Matrix: Soil

GC/MS – VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/12/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/12/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/12/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/12/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/12/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/12/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/12/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866015
Client Sample ID: RS-2-10

Date Collected: 05/05/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/12/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/12/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/12/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/12/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/12/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/12/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/12/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/12/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/12/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/12/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	GPO	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866015 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: RS-2-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/12/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/12/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/12/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	87	%		1.82	05/12/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	104	%		1.01	05/12/98	GPO	460-00-4		
Dibromofluoromethane (S)	95	%		1.81	05/12/98	GPO	1868-53-7		
Toluene-d8 (S)	122	%		1.48	05/12/98	GPO	2037-26-5	1	

Total EPA 8260 ND

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866023
Client Sample ID: R5-2-15

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/11/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/11/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/11/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/11/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/11/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/11/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/11/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/11/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/11/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/11/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/11/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/11/98	GPO	106-93-4		U
1,2 Dichlorobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/11/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/11/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/11/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/11/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/11/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/11/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/11/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/11/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/11/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/11/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/11/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/11/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/11/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866023 Date Collected: 05/05/98 Matrix: Soil
Client Sample ID: R5-2-15 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/11/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/11/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/11/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/11/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/11/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/11/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/11/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/11/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/11/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/11/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/11/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/11/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/11/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/11/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/11/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/11/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/11/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/11/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/11/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/11/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.87	05/11/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/11/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/11/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/11/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/11/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/11/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/11/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.83	05/11/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/11/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/11/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/11/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/11/98	GPO	994-05-8		U

Pace Project Number: 6021589
Client Project ID: 980508-09

Pace Sample No.: 601966023
Client Sample ID: R5-2-15

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/11/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/11/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/11/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/11/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/11/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/11/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/11/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/11/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/11/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	99	%		1.82	05/11/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	108	%		1.01	05/11/98	GPO	460-00-4		
Dibromofluoromethane (S)	85	%		1.81	05/11/98	GPO	1868-53-7		
Toluene-d8 (S)	117	%		1.48	05/11/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866031 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-2-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/11/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/11/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/11/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/11/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.87	05/11/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/11/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/11/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/11/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/11/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/11/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/11/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/11/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.63	05/11/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/11/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/11/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/11/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/11/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.66	05/11/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/11/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/11/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/11/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/11/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/11/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/11/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/11/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/11/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866031 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-2-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/11/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/11/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/11/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/11/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/11/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/11/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/11/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/11/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/11/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/11/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/11/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.62	05/11/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/11/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/11/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/11/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/11/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/11/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/11/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/11/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/11/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/11/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/11/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/11/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/11/98	GPO	75-09-2		U
n Butylbenzene	ND	ug/kg	5	1.13	05/11/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/11/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/11/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/11/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/11/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/11/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/11/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/11/98	GPO	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866031 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-2-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/11/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/11/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/11/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/11/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/11/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/11/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/11/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/11/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/11/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	96	%		1.82	05/11/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	109	%		1.01	05/11/98	GPO	460-00-4		
Dibromofluoromethane (S)	102	%		1.81	05/11/98	GPO	1868-53-7		
Toluene-d8 (S)	112	%		1.48	05/11/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 8021569
Client Project ID: 980508-09

Pace Sample No.: 601866049
Client Sample ID: R5-1-20

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/11/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/11/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/11/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/11/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.87	05/11/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/11/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/11/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/11/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/11/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/11/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/11/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/11/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/11/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/11/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/11/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/11/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/11/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/11/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/11/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/11/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/11/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/11/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/11/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/11/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/11/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601856049
Client Sample ID: R5-1-20

Date Collected: 05/08/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/11/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/11/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/11/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/11/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/11/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/11/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/11/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/11/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/11/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/11/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/11/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/11/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/11/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/11/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/11/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/11/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/11/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/11/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/11/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/11/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/11/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/11/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/11/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/11/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/11/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/11/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/11/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/11/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/11/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/11/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/11/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/11/98	GPO	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601966049 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/11/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/11/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/11/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/11/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.92	05/11/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/11/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/11/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/11/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/11/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/11/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	89	%		1.82	05/11/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	102	%		1.01	05/11/98	GPO	460-00-4		
Dibromofluoromethane (S)	100	%		1.81	05/11/98	GPO	1868-53-7		
Toluene-d8 (S)	105	%		1.48	05/11/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866056 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/11/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/11/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/11/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/11/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/11/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/11/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/11/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/11/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/11/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/11/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/11/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/11/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/11/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/11/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/11/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/11/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/11/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/11/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/11/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/11/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/11/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/11/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/11/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/11/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/11/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866056
Client Sample ID: R5-1-25

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/11/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/11/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/11/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/11/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/11/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/11/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/11/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.9	05/11/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/11/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/11/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/11/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/11/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/11/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/11/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/11/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/11/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/11/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/11/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/11/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/11/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/11/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/11/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/11/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/11/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/11/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/11/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/11/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/11/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/11/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/11/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/11/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/11/98	GPO	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866056
Client Sample ID: RS-1-25

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/11/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/11/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/11/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/11/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/11/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/11/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/11/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/11/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/11/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	91	%		1.82	05/11/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	104	%		1.01	05/11/98	GPO	460-00-4		
Dibromofluoromethane (S)	99	%		1.81	05/11/98	GPO	1868-53-7		
Toluene-d8 (S)	108	%		1.48	05/11/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601856114
Client Sample ID: RS-1-30

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/11/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/11/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/11/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/11/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/11/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/11/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/11/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/11/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/11/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/11/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/11/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/11/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/11/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/11/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/11/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/11/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/11/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/11/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/11/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/11/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/11/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/11/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/11/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/11/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/11/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 501866114
Client Sample ID: R5-1-30

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/11/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/11/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/11/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/11/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/11/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/11/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/11/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/11/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/11/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/11/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/11/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/11/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/11/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.59	05/11/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/11/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/11/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/11/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/11/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/11/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/11/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/11/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/11/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/11/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/11/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/11/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/11/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/11/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/11/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/11/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/11/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/11/98	GPO	100-42-5		U
tert Amyl Methyl ether(TAME)	ND	ug/kg	5		05/11/98	GPO	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601856114
Client Sample ID: RS-1-30

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/11/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/11/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/11/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/11/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/11/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/11/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/11/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/11/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/11/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	94	%		1.82	05/11/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	102	%		1.01	05/11/98	GPO	460-00-4		
Dibromofluoromethane (S)	99	%		1.81	05/11/98	GPO	1868-53-7		
Toluene-d8 (S)	117	%		1.48	05/11/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866122 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-2-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/11/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/11/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/11/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/11/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/11/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/11/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/11/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.66	05/11/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/11/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/11/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/11/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/11/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/11/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/11/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/11/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/11/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/11/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/11/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/11/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/11/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/11/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/11/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/11/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/11/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/11/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866122
Client Sample ID: RS-2-SUR

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/11/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/11/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/11/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/11/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/11/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/11/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/11/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/11/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/11/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/11/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/11/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/11/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/11/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/11/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/11/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/11/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/11/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/11/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/11/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.86	05/11/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/11/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/11/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/11/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/11/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/11/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/11/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.86	05/11/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/11/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/11/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.87	05/11/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/11/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/11/98	GPO	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601966122
Client Sample ID: RS-2-SUR

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/11/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/11/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/11/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/11/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/11/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/11/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/11/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/11/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/11/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	94	%		1.82	05/11/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	103	%		1.01	05/11/98	GPO	460-00-4		
Dibromofluoromethane (S)	95	%		1.81	05/11/98	GPO	1868-53-7		
Toluene-d8 (S)	113	%		1.48	05/11/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866189
Client Sample ID: R-5-2-2

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/12/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/12/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/12/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/12/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/12/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/12/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/12/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866189
Client Sample ID: R-5-2-2

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/12/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/12/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/12/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/12/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/12/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/12/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.86	05/12/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/12/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/12/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/12/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	GPO	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866189
Client Sample ID: R-5-2-2

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/12/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/12/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.68	05/12/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	93	%		1.82	05/12/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	108	%		1.01	05/12/98	GPO	460-00-4		
Dibromofluoromethane (S)	58	%		1.81	05/12/98	GPO	1868-53-7	2	
Toluene d8 (S)	114	%		1.48	05/12/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866197
Client Sample ID: R-5-2-4

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/12/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/12/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/12/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.65	05/12/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/12/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/12/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/12/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	108-86-1		U

Pace Project Number: 6021589
Client Project ID: 980508-09

Pace Sample No.: 601966197
Client Sample ID: R-5-2-4

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/12/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/12/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/12/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/12/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/12/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/12/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/12/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/12/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/12/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/12/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	GPO	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601666197
Client Sample ID: R-5-2-4

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/12/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/12/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/12/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	97	%		1.82	05/12/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	109	%		1.01	05/12/98	GPO	460-00-4		
Dibromofluoromethane (S)	59	%		1.81	05/12/98	GPO	1868-53-7	2	
Toluene-d8 (S)	110	%		1.48	05/12/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866205
Client Sample ID: T-28-2-50

Date Collected: 05/08/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA						Prep Method: EPA 8260			
Volatile Organics		Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/12/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/12/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.86	05/12/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/12/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/12/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/12/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/12/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866205
Client Sample ID: T-28-2-50

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/12/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/12/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/12/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/12/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/12/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/12/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/12/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.83	05/12/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/12/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/12/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	GPO	994-05-8		U

Pace Project Number: 6021589
Client Project ID: 980508-09

Pace Sample No.: 601866205
Client Sample ID: T-28-2-50

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/12/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/12/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/12/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	98	%		1.82	05/12/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	99	%		1.01	05/12/98	GPO	460-00-4		
Dibromofluoromethane (S)	94	%		1.81	05/12/98	GPO	1868-53-7		
Toluene-d8 (S)	112	%		1.48	05/12/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866213 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.66	05/12/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/12/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/12/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/12/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/12/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/12/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/12/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866213 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: RS-1-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/12/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/12/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/12/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/12/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/12/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/12/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/12/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/12/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/12/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/12/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	GPO	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866213 Date Collected: 05/05/98 Matrix: Soil
Client Sample ID: R5-1-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/12/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/12/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/12/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	91	%		1.82	05/12/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	110	%		1.01	05/12/98	GPO	460-00-4		
Dibromofluoromethane (S)	92	%		1.81	05/12/98	GPO	1868-53-7		
Toluene-d8 (S)	106	%		1.48	05/12/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601966221 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-2 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/12/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/12/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.98	05/12/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/12/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/12/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/12/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/12/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866221 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-2 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/12/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/12/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.66	05/12/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/12/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/12/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/12/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/12/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/12/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/12/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/12/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	GPO	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866221 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: R5-1-2 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/12/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/12/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/12/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	98	%		1.82	05/12/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	112	%		1.01	05/12/98	GPO	460-00-4		
Dibromofluoromethane (S)	104	%		1.81	05/12/98	GPO	1868-53-7		
Toluene-d8 (S)	116	%		1.48	05/12/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866239 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-4 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/12/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/12/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/12/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/12/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/12/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/12/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/12/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866239 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: RS-1-4 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/12/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/12/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/12/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/12/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/12/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/12/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/12/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/12/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/12/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/12/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	GPO	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601856239 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-4 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/12/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/12/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/12/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	94	%		1.82	05/12/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	103	%		1.01	05/12/98	GPO	460-00-4		
Dibromofluoromethane (S)	101	%		1.81	05/12/98	GPO	1868-53-7		
Toluene-d8 (S)	119	%		1.48	05/12/98	GPO	2037-26-5	1	

Total EPA 8260 ND

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601868247 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/12/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/12/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/12/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/12/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/12/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/12/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/12/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866247 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: R5-1-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/12/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/12/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/12/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/12/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/12/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.82	05/12/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/12/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/12/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/12/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/12/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	GPO	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866247 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/12/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/12/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/12/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	94	%		1.82	05/12/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	97	%		1.01	05/12/98	GPO	460-00-4		
Dibromofluoromethane (S)	103	%		1.81	05/12/98	GPO	1868-53-7		
Toluene-d8 (S)	133	%		1.48	05/12/98	GPO	2037-26-5	1	
Total EPA 8260	**ND**								

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866264 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-15 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.66	05/12/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/12/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/12/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/12/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/12/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/12/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/12/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866254 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-15 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/12/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/12/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/12/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/12/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/12/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/12/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/12/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.83	05/12/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/12/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.63	05/12/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	GPO	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601856254 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: RS-1-15 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/12/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/12/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/12/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	94	%		1.82	05/12/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	100	%		1.01	05/12/98	GPO	460-00-4		
Dibromofluoromethane (S)	101	%		1.81	05/12/98	GPO	1868-53-7		
Toluene-d8 (S)	125	%		1.48	05/12/98	GPO	2037-26-5	1	
Total EPA 8260	**ND**								

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601966262 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-28-2-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/12/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/12/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/12/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/12/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/12/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/12/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/12/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	108-86-1		U

Pace Project Number: 5021569
Client Project ID: 980508-09

Pace Sample No.: 501856262 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/12/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/12/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/12/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/12/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/12/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/12/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/12/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/12/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/12/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/12/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	GPO	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866262 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/12/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/12/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/12/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	93	%		1.82	05/12/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	100	%		1.01	05/12/98	GPO	460-00-4		
Dibromofluoromethane (S)	59	%		1.81	05/12/98	GPO	1868-53-7	2	
Toluene-d8 (S)	115	%		1.48	05/12/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866270 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-16 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/14/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/14/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/14/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/14/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/14/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/14/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/14/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/14/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/14/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/14/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/14/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/14/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/14/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/14/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/14/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/14/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/14/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/14/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/14/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/14/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/14/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/14/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/14/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/14/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/14/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866270 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-16 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/14/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/14/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/14/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/14/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/14/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/14/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/14/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/14/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.46	05/14/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/14/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/14/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/14/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/14/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/14/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/14/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/14/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/14/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/14/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/14/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/14/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/14/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/14/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/14/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/14/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/14/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/14/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/14/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/14/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/14/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/14/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/14/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/14/98	CHL	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866270 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-16 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/14/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/14/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/14/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/14/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/14/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/14/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/14/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/14/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/14/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	87	%		1.82	05/14/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	87	%		1.01	05/14/98	CHL	460-00-4		
Dibromofluoromethane (S)	12	%		1.81	05/14/98	CHL	1868-53-7	3	
Toluene-d8 (S)	90	%		1.48	05/14/98	CHL	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866288 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/12/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/12/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/12/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/12/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/12/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/12/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/12/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	GPO	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866288 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/12/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/12/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/12/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/12/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/12/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/12/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/12/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/12/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/12/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/12/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	GPO	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866288 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/12/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/12/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/12/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	95	%		1.82	05/12/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	103	%		1.01	05/12/98	GPO	460-00-4		
Dibromofluoromethane (S)	102	%		1.81	05/12/98	GPO	1868-53-7		
Toluene-d8 (S)	112	%		1.48	05/12/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 501866296 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/12/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/12/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/12/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/12/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/12/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/12/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/12/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	CHL	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866296 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/12/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.49	05/12/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/12/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/12/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/12/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/12/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/12/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/12/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.87	05/12/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/12/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	CHL	994-05-8		U

Paco Project Number: 6021569
Client Project ID: 980506-09

Paco Sample No.: 601866296 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/12/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/12/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/12/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	97	%		1.82	05/12/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	92	%		1.01	05/12/98	CHL	460-00-4		
Dibromofluoromethane (S)	91	%		1.81	05/12/98	CHL	1868-53-7		
Toluene-d8 (S)	80	%		1.48	05/12/98	CHL	2037-26-5	4	
Total EPA 8260	ND								

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866304 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-30 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.58	05/12/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/12/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/12/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/12/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/12/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/12/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/12/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	CHL	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601856304 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-30 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/12/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/12/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/12/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/12/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/12/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/12/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/12/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/12/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/12/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/12/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	CHL	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866304 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-30 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/12/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/12/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/12/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	97	%		1.62	05/12/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	96	%		1.01	05/12/98	CHL	460-00-4		
Dibromofluoromethane (S)	92	%		1.81	05/12/98	CHL	1868-53-7		
Toluene-d8 (S)	79	%		1.48	05/12/98	CHL	2037-26-5	4	
Total EPA 8260	ND								

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866312 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/12/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.46	05/12/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/12/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/12/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/12/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/12/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/12/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	CHL	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866312 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/12/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/12/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.86	05/12/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/12/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/12/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/12/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.95	05/12/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/12/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/12/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/12/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	CHL	994-05-8		U

Pace Project Number: 6021559
Client Project ID: 980508-09

Pace Sample No.: 601866312 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/12/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.97	05/12/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/12/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	88	%		1.82	05/12/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	92	%		1.01	05/12/98	CHL	460-00-4		
Dibromofluoromethane (S)	86	%		1.81	05/12/98	CHL	1868-53-7		
Toluene-d8 (S)	75	%		1.48	05/12/98	CHL	2037-26-5	4	

Total EPA 8260 **ND**

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 801866320 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-40 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/12/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/12/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/12/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/12/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/12/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/12/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/12/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	CHL	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866320 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-28-2-40 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/12/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/12/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/12/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.87	05/12/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/12/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/12/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/12/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/12/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/12/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/12/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	CHL	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866320
Client Sample ID: T-28-2-40

Date Collected: 05/08/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/12/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/12/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/12/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	92	%		1.82	05/12/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	79	%		1.01	05/12/98	CHL	460-00-4		
Dibromofluoromethane (S)	81	%		1.81	05/12/98	CHL	1868-53-7		
Toluene-d8 (S)	72	%		1.48	05/12/98	CHL	2037-26-5	4	
Total EPA 8260	**ND**								

Pace Project Number: 6021569
Client Project ID: 980509-09

Pace Sample No.: 601866338 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-45 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/13/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/13/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/13/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/13/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/13/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/13/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/13/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/13/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/13/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/13/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/13/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/13/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/13/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/13/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/13/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/13/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/13/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/13/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/13/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/13/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/13/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/13/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/13/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.39	05/13/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/13/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/13/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.63	05/13/98	CHL	108-86-1		U

Pace Project Number: 6021589
Client Project ID: 980508-09

Pace Sample No.: 601866338
Client Sample ID: T-28-2-45

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/13/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/13/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/13/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/13/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/13/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/13/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/13/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/13/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/13/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/13/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/13/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/13/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/13/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/13/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/13/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/13/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/13/98	CHL	64-17-5		U
Ethyl tert-butyl ether(ETBE)	ND	ug/kg	5		05/13/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/13/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/13/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/13/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/13/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/13/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/13/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/13/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/13/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/13/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/13/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.69	05/13/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/13/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/13/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/13/98	CHL	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866338 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-28-2-45 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/13/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/13/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/13/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/13/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/13/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/13/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/13/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/13/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/13/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	89	%		1.82	05/13/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	89	%		1.01	05/13/98	CHL	460-00-4		
Dibromofluoromethane (S)	98	%		1.91	05/13/98	CHL	1868-53-7		
Toluene-d8 (S)	94	%		1.48	05/13/98	CHL	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601886346 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/12/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/12/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/12/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.65	05/12/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/12/98	CHL	108-10-1		U
Acetone	trace	ug/kg	20	4.34	05/12/98	CHL	67-64-1	5	J
Benzene	ND	ug/kg	5	0.69	05/12/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	CHL	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866346 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-28-2-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.9	05/12/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.46	05/12/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.65	05/12/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/12/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	CHL			U
Methyl-tert butyl Ether	ND	ug/kg	5		05/12/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/12/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/12/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/12/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/12/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/12/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	CHL	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866346 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.87	05/12/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/12/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/12/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	103	%		1.82	05/12/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	86	%		1.01	05/12/98	CHL	460-00-4		
Dibromofluoromethane (S)	91	%		1.81	05/12/98	CHL	1868-53-7		
Toluene-d8 (S)	77	%		1.48	05/12/98	CHL	2037-26-5	4	
Total EPA 8260	ND								

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866353 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/13/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/13/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/13/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/13/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/13/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/13/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/13/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/13/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/13/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/13/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/13/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/13/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/13/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/13/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/13/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/13/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/13/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/13/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/13/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/13/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/13/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/13/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/13/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/13/98	CHL	108-10-1		U
Acetone	23	ug/kg	20	4.34	05/13/98	CHL	67-64-1		
Benzene	ND	ug/kg	5	0.69	05/13/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/13/98	CHL	108-86-1		U

Pace Project Number: 6021559
Client Project ID: 980508-09

Pace Sample No.: 601866353 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-28-2-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/13/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/13/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/13/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/13/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/13/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/13/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/13/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/13/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/13/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/13/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/13/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/13/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/13/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/13/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/13/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/13/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/13/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/13/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/13/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/13/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/13/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/13/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/13/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/13/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/13/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/13/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/13/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.83	05/13/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/13/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/13/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/13/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/13/98	CHL	994-05-8		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866353 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/13/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/13/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/13/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/13/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/13/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/13/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/13/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/13/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/13/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	108	%		1.82	05/13/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	93	%		1.01	05/13/98	CHL	460-00-4		
Dibromofluoromethane (S)	43	%		1.81	05/13/98	CHL	1868-53-7	6	
Toluene-d8 (S)	91	%		1.48	05/13/98	CHL	2037-26-5		
Total EPA 8260	23								

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601856361 Date Collected: 05/05/98 Matrix: Soil
Client Sample ID: T-28-2-6 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/13/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/13/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/13/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/13/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/13/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/13/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/13/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/13/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/13/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.46	05/13/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/13/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/13/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/13/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/13/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/13/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/13/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/13/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/13/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/13/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/13/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/13/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/13/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/13/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/13/98	CHL	108-10-1		U
Acetone	23	ug/kg	20	4.34	05/13/98	CHL	67-64-1		
Benzene	ND	ug/kg	5	0.69	05/13/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/13/98	CHL	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601866361 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-28-2-6 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/13/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/13/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/13/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/13/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/13/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/13/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/13/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/13/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/13/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/13/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/13/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/13/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/13/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/13/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/13/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/13/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/13/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/13/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.85	05/13/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/13/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/13/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/13/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/13/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/13/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/13/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/13/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/13/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/13/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/13/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/13/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/13/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/13/98	CHL	994-05-8		U

Pace Project Number: 6021559
Client Project ID: 980508-09

Pace Sample No.: 601856361 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-28-2-6 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/13/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/13/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/13/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/13/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/13/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/13/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/13/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/13/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/13/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	102	%		1.82	05/13/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	89	%		1.01	05/13/98	CHL	460-00-4		
Dibromofluoromethane (S)	94	%		1.81	05/13/98	CHL	1868-53-7	6	
Toluene-d8 (S)	87	%		1.48	05/13/98	CHL	2037-26-5		

Total EPA 8260 23

Pace Project Number: 6021569
Client Project ID: 980508-09

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	The Surrogate recovery value exceeded the established laboratory control limit value(117%).
[2]	The Surrogate recovery value is below the established laboratory control limit value. The sample was re-analyzed with the same results.
[3]	Low surrogate recovery due to matrix. The sample was analyzed twice.
[4]	Surrogate recovery outlier below lower control limit.
[5]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[6]	Surrogate recovery outlier below lower control limit for two analyses.

Pace Analytical Services, Inc.
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Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980508-07
PACE ANALYTICAL WO #: 13162A
Client ID #: 8G001 SFW

Date: 6/5/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/06/98 and received on 05/08/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TPH-Speciation (Soil)	2-3
CCR Metals (Soil)	4-12
List of Abbreviations and Definitions	13

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980508-07
PACE ANALYTICAL WO#:13162A
Client ID#:8G001 SFW

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:	Analysis Date	TPH Speciation mg/Kg	PRL mg/Kg	DF
Client ID:				
Method Blank	05/11/98	<10	10	1
L1-S	05/11/98	<10	10	1
L1-2.0	05/11/98	<10	10	1
L2-S	05/11/98	<10	10	1
L2-2.0	05/11/98	<10	10	1
L3-S	05/11/98	<10	10	1
L3-2.0	05/11/98	<10	10	1
L4-S	05/11/98	<10	10	1
L4-2.0	05/11/98	<10	10	1
L5-S	05/11/98	<10	10	1
L5-2.0	05/11/98	<10	10	1
L5-2.0 Dup.	05/11/98	<10	10	1
L6-S	05/11/98	<10	10	1
L6-2.0	05/11/98	<10	10	1
L8-S	05/11/98	<10	10	1
L8-2.0	05/11/98	<10	10	1
L9-S	05/11/98	<10	10	1
L9-2.0	05/11/98	<10	10	1
L10-S	05/11/98	<10	10	1
L10-2.0	05/11/98	<10	10	1
L11-S	05/11/98	<10	10	1
L11-2.0	05/11/98	<10	10	1
L11-2.0 Dup.	05/11/98	<10	10	1
L12-S	05/13/98	<10	10	1
L12-2.0	05/13/98	<10	10	1
L13-S	05/13/98	<10	10	1
L13-2.0	05/13/98	<10	10	1
L14-S	05/13/98	<10	10	1
L14-2.0	05/13/98	<10	10	1
L7-S*				

* Not enough sample to run analysis

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Pace Analytical

PACE ANALYTICAL Project#:980508-07
PACE ANALYTICAL WO#:13162A
Client ID#:8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/11/98		05/11/98	05/11/98			
TPH-Speciation	77	80-120	81	70	70-130	15	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/13/98		05/13/98	05/13/98			
TPH-Speciation	78	80-120	90	89	70-130	1.1	0-30

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Pace Analytical

PACE ANALYTICAL Project#:980508-07
PACE ANALYTICAL WO#:13162A
Client ID#:80001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	L1-S	L1-2.0	L2-S	L2-2.0	L3-S	L3-2.0	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/11/98	05/11/98	05/11/98	05/11/98	05/11/98	05/11/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	5.8	<5.0	5.0	6010
Arsenic (As)	5.2	11	5.8	6.6	14	5.8	5.0	6010
Barium (Ba)	160	120	130	150	120	120	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.5	1.1	0.8	0.7	<0.5	0.5	6010
Chromium (Cr)	20	34	28	24	28	20	0.5	6010
Cobalt (Co)	14	6.9	9.3	10	8.3	6.9	1.0	6010
Copper (Cu)	27	41	36	43	46	40	2.5	6010
Lead (Pb)	47	540	230	210	250	400	1.0	6010
Mercury (Hg)	0.17	0.54	0.21	0.69	0.48	0.48	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	33	31	29	30	37	24	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	20	18	23	22	26	18	0.5	6010
Zinc (Zn)	69	91	120	120	320	100	10	6010
DF	1	1	1	1	1	1		

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Pace Analytical

PACE ANALYTICAL Project#:980506-07
PACE ANALYTICAL WO#:13162A
Client ID#:8G001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	L4-5	L4-2.0	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/11/98	05/11/98	05/11/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.6	5.2	<5.0	5.0	6010
Barium (Ba)	140	150	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	0.6	<0.5	0.5	6010
Chromium (Cr)	25	26	<0.5	0.5	6010
Cobalt (Co)	8.7	9.5	<1.0	1.0	6010
Copper (Cu)	33	34	<2.5	2.5	6010
Lead (Pb)	240	220	<1.0	1.0	6010
Mercury (Hg)	0.14	0.52	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	27	26	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	25	23	<0.5	0.5	6010
Zinc (Zn)	140	110	<10	10	6010
DF	1	1	1		

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/11/98		05/11/98	05/11/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	81	70-130	24*	25*	60-130	4.1	0-25
Arsenic (As)	6010	88	78-104	76	82	34-135	7.6	0-15
Barium (Ba)	6010	103	81-117	126	57	55-130	75*	0-25
Beryllium (Be)	6010	89	70-130	80	80	70-130	0.0	0-25
Cadmium (Cd)	6010	86	75-104	73	74	73-115	1.4	0-15
Chromium (Cr)	6010	91	81-103	77	78	62-125	1.3	0-15
Cobalt (Co)	6010	88	70-130	72	87	70-130	19	0-25
Copper (Cu)	6010	93	70-130	80	88	70-140	7.2	0-25
Lead (Pb)	6010	85	76-104	62	74	48-120	18	0-30
Mercury (Hg)	7471	84	76-121	80	108	70-135	27	0-30
Molybdenum (Mo)	6010	91	70-130	73	73	70-130	0.0	0-25
Nickel (Ni)	6010	89	70-130	81	86	70-130	6.0	0-25
Selenium (Se)	6010	86	79-102	70	69	42-120	1.4	0-16
Silver (Ag)	6010	93	77-107	77	75	53-115	2.6	0-19
Thallium (Tl)	6010	89	70-130	80	86	70-130	7.2	0-25
Vanadium (V)	6010	92	70-130	76	88	70-130	12	0-25
Zinc (Zn)	6010	88	70-130	72	71	70-130	1.4	0-25

*Sample matrix effect.

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Pace Analytical

PACE ANALYTICAL Project#:980508-07
PACE ANALYTICAL WO#:13182A
Client ID#:8G001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	L5-S	L5-2.0	L6-S	L6-2.0	L8-S	L8-2.0	PRL	EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Method
Date Analyzed:	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	9.4	5.6	7.1	6.4	<5.0	<5.0	5.0	6010
Barium (Ba)	180	170	180	160	180	170	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	1.3	0.6	0.8	0.8	0.8	<0.5	0.5	6010
Chromium (Cr)	86	41	29	28	63	32	0.5	6010
Cobalt (Co)	9.0	12	12	9.5	6.5	7.9	1.0	6010
Copper (Cu)	49	220	37	43	35	20	2.5	6010
Lead (Pb)	680	68	650	150	170	120	1.0	6010
Mercury (Hg)	0.36	0.10	<0.05	<0.05	0.81	0.50	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	32	42	31	30	21	39	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	25	27	26	26	24	24	0.5	6010
Zinc (Zn)	230	110	160	110	150	150	10	6010
DF	1	1	1	1	1	1		

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Pace Analytical

PACE ANALYTICAL Project# 980508-07
PACE ANALYTICAL WO#:13162A
Client ID#:8G001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	L9-S	L9-2.0	L10-S	L10-2.0	L11-S	L11-2.0	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Data Analyzed:	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	33	100	23	100	100	70	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	0.5	6010
Chromium (Cr)	2.0	39	1.7	41	40	61	0.5	6010
Cobalt (Co)	<1.0	11	<1.0	9.9	6.4	9.0	1.0	6010
Copper (Cu)	7.3	18	8.2	12	71	12	2.5	6010
Lead (Pb)	65	52	11	22	350	20	1.0	6010
Mercury (Hg)	0.30	0.11	0.10	0.14	0.08	1.60	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	3.2	33	2.2	29	24	35	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	1.1	35	0.9	35	26	45	0.5	6010
Zinc (Zn)	46	58	36	42	150	38	10	6010
DF	1	1	1	1	1	1		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980508-07
PACE ANALYTICAL WO#:13162A
Client ID#:8C001 SFW

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	L12-S	L12-2.0	L13-S	L13-2.0	L14-S	L14-2.0	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98		
Analyte									
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	23	65	24	120	92	81	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.7	0.9	<0.5	<0.5	0.5	6010
Chromium (Cr)	3.8	51	0.9	47	36	64	<0.5	0.5	6010
Cobalt (Co)	<1.0	9.0	<1.0	8.2	6.0	11	<1.0	1.0	6010
Copper (Cu)	6.7	11	5.5	25	51	13	<2.5	2.5	6010
Lead (Pb)	21	8.7	4.0	76	350	15	<1.0	1.0	6010
Mercury (Hg)	0.72	0.14	0.04	4.92*	0.87	0.11	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	3.4	27	2.1	30	21	37	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	2.3	45	<0.5	29	24	48	<0.5	0.5	6010
Zinc (Zn)	33	31	29	80	130	40	<10	10	6010
DF	1	1	1	1	1	1	1		

* Sample analyzed at ATL, 5/21/98, PRL = 0.01 mg/kg.

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Pace Analytical

PACE ANALYTICAL Project#:980506-07
PACE ANALYTICAL WO#:13152A
Client ID#:BG001 SHW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/14/98		05/14/98	05/14/98			
Analyte	EPA Method							
Antimony (Sb)	6010	86	70-130	79	80	60-130	1.3	0-25
Arsenic (As)	6010	86	78-104	84	86	34-135	2.4	0-15
Barium (Ba)	6010	101	81-117	94	94	55-130	0.0	0-25
Beryllium (Be)	6010	88	70-130	87	87	70-130	0.0	0-25
Cadmium (Cd)	6010	84	75-104	78	79	73-115	1.3	0-15
Chromium (Cr)	6010	89	81-103	83	83	62-125	0.0	0-15
Cobalt (Co)	6010	87	70-130	81	81	70-130	0.0	0-25
Copper (Cu)	6010	88	70-130	87	88	70-140	1.1	0-25
Lead (Pb)	6010	84	76-104	75	75	48-120	0.0	0-30
Mercury (Hg)	7471	98	76-121	63	96	70-135	42*	0-30
Mercury (Hg)**	7471	105	76-121	89	95	70-135	4	0-30
Molybdenum (Mo)	6010	90	70-130	85	85	70-130	0.0	0-25
Nickel (Ni)	6010	87	70-130	80	80	70-130	0.0	0-25
Selenium (Se)	6010	85	79-102	88	88	42-120	0.0	0-16
Silver (Ag)	6010	92	77-107	88	88	53-115	0.0	0-19
Thallium (Tl)	6010	87	70-130	80	82	70-130	2.5	0-25
Vanadium (V)	6010	90	70-130	86	86	70-130	0.0	0-25
Zinc (Zn)	6010	84	70-130	77	78	70-130	1.3	0-25

*Sample matrix effect.
** QA for sample analyzed at ATL, 5/21/98

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980508-07
PACE ANALYTICAL WO#:13162A
Client ID#:BG001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	L7-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/15/98	05/15/98		
Analyte				
Antimony (Sb)	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	5.0	6010
Barium (Ba)	150	<10	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	6010
Cadmium (Cd)	1.1	<0.5	0.5	6010
Chromium (Cr)	24	<0.5	0.5	6010
Cobalt (Co)	5.0	<1.0	1.0	6010
Copper (Cu)	52	<2.5	2.5	6010
Lead (Pb)	430	<1.0	1.0	6010
Mercury (Hg)	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	2.5	6010
Nickel (Ni)	21	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	5.0	6010
Vanadium (V)	14	<0.5	0.5	6010
Zinc (Zn)	300	<10	10	6010
DF	1	1		

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Pace Analytical

PACE ANALYTICAL Project#:980508-07
PACE ANALYTICAL WO#:13102A
Client ID#:BG001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/15/98		05/15/98	05/15/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	86	70-130	45*	51*	60-130	13	0-25
Arsenic (As)	6010	86	78-104	83	79	34-135	4.9	0-15
Barium (Ba)	6010	103	81-117	81	86	55-130	6.0	0-25
Beryllium (Be)	6010	88	70-130	78	78	70-130	0.0	0-25
Cadmium (Cd)	6010	88	75-104	75	70*	73-115	6.9	0-15
Chromium (Cr)	6010	91	81-103	74	67	62-125	9.9	0-15
Cobalt (Co)	6010	89	70-130	72	69*	70-130	4.3	0-25
Copper (Cu)	6010	88	70-130	74	66*	70-140	11	0-25
Lead (Pb)	6010	85	76-104	61	52	48-120	16	0-30
Mercury (Hg)	7471	98	76-121	83	96	70-135	42*	0-30
Molybdenum (Mo)	6010	92	70-130	73	73	70-130	0.0	0-25
Nickel (Ni)	6010	88	70-130	72	62*	70-130	15	0-25
Selenium (Se)	6010	86	79-102	73	70	42-120	4.2	0-16
Silver (Ag)	6010	97	77-107	77	77	53-115	0.0	0-19
Thallium (Tl)	6010	89	70-130	78	75	70-130	3.9	0-25
Vanadium (V)	6010	91	70-130	79	71	70-130	11	0-25
Zinc (Zn)	6010	89	70-130	70	60*	70-130	15	0-25

*Sample matrix effect.

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Long Beach, CA 90815
Tel: 562-498-9515
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PACE ANALYTICAL Project#:980508-07
PACE ANALYTICAL WO#:13162A
Client ID#:SC001 SFW

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

980508-07

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK MOSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 1320 N. WINTON AVE. HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 (SFW)		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS		*Requested Due Date: 5-22-98
Sampler Signature: CHRIS MERRITT	Date Sampled: 5/6/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020 BTEX	8260 VOC	8270 SVOC	CAM 17	REMARKS
1	[illegible]	0910	SOIL		1						X	X	X	X	X	X	
2	[illegible]	0915			1						X	X	X	X	X	X	
3	[illegible]	0930			1						X	X	X	X		X	
4	[illegible]	0935			1						X	X	X	X		X	
5	[illegible]	0945			1						X	X	X	X	X	X	
6	[illegible]	0950			1						X	X	X	X	X	X	
7	[illegible]	1030			1						X	X	X	X		X	
8	[illegible]	1035			1						X	X	X	X		X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/6/98		Hunglen/Pace	5-8-98	1000

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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980508-07

42340l

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK ROSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510-785-1111	P.O. # / Billing Reference: 96-001 SFW		Pace Project No.
Sampled By (PRINT): CHRIS MCKRITT	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5-22-98

Sampler Signature: CHRIS MCKRITT Date Sampled: 5/6/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	8260 BTEX	8260 VOC	8010 SUOC	8080 PCBs	CAM 17	REMARKS
1	~~B5-5.0~~	1055	SOIL		1						X	X	X	X	X	X	
2	~~B5-20~~	1100			1						X	X	X	✓	X	X	
3	~~B6-5.0~~	1120			1						X	X	X	X		X	
4	~~B6-20~~	1125			1						X	X	X	X		X	
5																	
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MCKRITT	5/6/98				

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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9805080 7

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE. HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: # 86001		Pace Project No.
	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5-22-98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 5/7/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH/5	8260	8270	8080 PCB	CAM 17	REMARKS
1	[illegible]	1133	SOIL	✓	1						X	X	X		X	
2	[illegible]	1137		✓	1						X	X	X		X	
3	[illegible]	1145		✓	1						X	X	X	X	X	
4	[illegible]	1150		✓	1						X	X	X	X	X	
5	[illegible]	1205		✓	1						X	X	X		X	
6	[illegible]	1210		✓	1						X	X	X		X	
7	[illegible]	1215		✓	1						X	X	X	X	X	
8	[illegible]	1220		✓	1						X	X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/7/98	1340			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAM		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001		Pace Project No.
	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5-22-98

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT Date Sampled: 5/7/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH/5	8260	8270	8080 PCB	CAM 17	REMARKS
1	~~L-12-1.5~~	1225	SOIL	✓	1						X	X	X		X	
2	~~L-12-2.0~~	1230		✓	1						X	X	X		X	
3	~~L-13-1.5~~	1240		✓	1						X	X	X	X	X	
4	~~L-13-2.0~~	1245		✓	1						X	X	X	X	X	
5	~~L-14-1.5~~	1300		✓	1						X	X	X		X	
6	L-14-2.0	1305		✓	1						X	X	X		X	
7	~~L-15-1.5~~	5/6/98		✓	1						X	X	X	X	X	
8																

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/7/98	1340			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

May 18, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021576
Client Project ID: 980508-07

Dear :

Enclosed are the results of analyses for sample(s) received on May 11, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867807 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L1-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/13/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/13/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/13/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/13/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/13/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/13/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/13/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/13/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/13/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/13/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/13/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/13/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/13/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/13/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/13/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/13/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/13/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/13/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/13/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/13/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/13/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/13/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/13/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/13/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/13/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	108-86-1		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 501867807
Client Sample ID: L1-20
Date Collected: 05/06/98
Date Received: 05/11/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/13/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/13/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/13/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/13/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/13/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/13/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/13/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/13/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/13/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/13/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/13/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/13/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/13/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/13/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/13/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/13/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/13/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/13/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/13/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/13/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/13/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/13/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/13/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/13/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/13/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/13/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/13/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/13/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.58	05/13/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/13/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/13/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/13/98	GPO	994-05-8		U

Pace Project Number: 6021575
Client Project ID: 980506-07

Pace Sample No.: 601867807 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L1-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/13/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/13/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/13/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/13/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/13/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/13/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/13/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/13/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/13/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	94	%		1.82	05/13/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	112	%		1.01	05/13/98	GPO	460-00-4		
Dibromofluoromethane (S)	100	%		1.81	05/13/98	GPO	1868-53-7		
Toluene-d8 (S)	117	%		1.48	05/13/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867815 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L2-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/13/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/13/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/13/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/13/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/13/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/13/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/13/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/13/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/13/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/13/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/13/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/13/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/13/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/13/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/13/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/13/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/13/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/13/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/13/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/13/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/13/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/13/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/13/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/13/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/13/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	108-86-1		U

Pace Project Number: 8021576
Client Project ID: 980508-07

Pace Sample No.: 601867815 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L2-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/13/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/13/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/13/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/13/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/13/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/13/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/13/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/13/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/13/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/13/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/13/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/13/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/13/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/13/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/13/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/13/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/13/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/13/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/13/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/13/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/13/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/13/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/13/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/13/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/13/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/13/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/13/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/13/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/13/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/13/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/13/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/13/98	GPO	994-05-8		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 801857915 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L2-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/13/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/13/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/13/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/13/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/13/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/13/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/13/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/13/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/13/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	105	%		1.82	05/13/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	109	%		1.01	05/13/98	GPO	460-00-4		
Dibromofluoromethane (S)	113	%		1.81	05/13/98	GPO	1868-53-7		
Toluene-d8 (S)	97	%		1.48	05/13/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 9021576
Client Project ID: 980508-07

Pace Sample No.: 601867823 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L2-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/13/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/13/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/13/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/13/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/13/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/13/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/13/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/13/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/13/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/13/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/13/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/13/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/13/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/13/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/13/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/13/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/13/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/13/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/13/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/13/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/13/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/13/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/13/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/13/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/13/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	108-86-1		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601967923 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L2-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/13/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/13/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/13/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/13/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/13/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/13/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/13/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/13/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/13/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/13/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/13/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/13/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/13/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/13/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/13/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/13/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/13/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/13/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/13/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/13/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/13/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/13/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/13/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/13/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/13/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/13/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/13/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/13/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/13/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/13/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/13/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/13/98	GPO	994-05-8		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867823 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L2-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/13/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/13/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/13/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/13/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/13/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/13/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/13/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/13/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/13/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	99	%		1.82	05/13/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	92	%		1.01	05/13/98	GPO	460-00-4		
Dibromofluoromethane (S)	101	%		1.81	05/13/98	GPO	1868-53-7		
Toluene-d8 (S)	107	%		1.46	05/13/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867831 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L4-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/13/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/13/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/13/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/13/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/13/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/13/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/13/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/13/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/13/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/13/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/13/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/13/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/13/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/13/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/13/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/13/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/13/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/13/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/13/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/13/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/13/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/13/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/13/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/13/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/13/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	108-86-1		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867831 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: L4-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Bromochloromethane	ND	ug/kg	5	0.43	05/13/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/13/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/13/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/13/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/13/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/13/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/13/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/13/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/13/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/13/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/13/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/13/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/13/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/13/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/13/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/13/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/13/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/13/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/13/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.86	05/13/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/13/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/13/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/13/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/13/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/13/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/13/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/13/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/13/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/13/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/13/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/13/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/13/98	GPO	994-05-8		U

Paco Project Number: 6021576
Client Project ID: 980508-07

Paco Sample No.: 601867831
Client Sample ID: L4-20

Date Collected: 05/08/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/13/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/13/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/13/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/13/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/13/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/13/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/13/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/13/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/13/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	106	%		1.62	05/13/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	130	%		1.01	05/13/98	GPO	460-00-4	2	
Dibromofluoromethane (S)	103	%		1.81	05/13/98	GPO	1868-53-7		
Toluene-d8 (S)	132	%		1.48	05/13/98	GPO	2037-26-5	1	
Total EPA 8260	ND								

Pace Project Number: 8021576
Client Project ID: 980508-07

Pace Sample No.: 601867849 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L9-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/13/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/13/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/13/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/13/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/13/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/13/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/13/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/13/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/13/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/13/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/13/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/13/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/13/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/13/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/13/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/13/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	106-46-7		U
2,2 Dichloropropane	ND	ug/kg	5	0.88	05/13/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/13/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/13/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/13/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/13/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/13/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/13/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/13/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/13/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	108-86-1		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867849 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L8-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/13/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/13/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/13/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/13/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/13/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/13/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/13/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/13/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/13/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/13/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/13/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/13/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/13/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/13/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/13/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/13/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/13/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/13/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/13/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.86	05/13/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/13/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/13/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/13/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/13/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/13/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/13/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/13/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/13/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/13/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/13/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/13/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/13/98	GPO	994-05-8		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867849
Client Sample ID. L8-20

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/13/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/13/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/13/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/13/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/13/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/13/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/13/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/13/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/13/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	103	%		1.92	05/13/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	122	%		1.01	05/13/98	GPO	460-00-4	2	
Dibromofluoromethane (S)	109	%		1.81	05/13/98	GPO	1868-53-7		
Toluene-d8 (S)	135	%		1.48	05/13/98	GPO	2037-26-5	3	
Total EPA 8260	ND								

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867856 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L9-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/13/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/13/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/13/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/13/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/13/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/13/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/13/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/13/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/13/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.46	05/13/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/13/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/13/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/13/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/13/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/13/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/13/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/13/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/13/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/13/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/13/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/13/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/13/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/13/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/13/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/13/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	108-86-1		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867856
Client Sample ID: L9-5

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/13/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/13/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/13/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/13/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/13/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/13/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/13/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/13/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/13/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/13/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/13/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/13/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/13/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/13/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/13/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/13/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/13/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/13/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/13/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/13/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/13/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/13/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/13/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/13/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/13/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/13/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/13/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/13/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/13/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/13/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/13/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/13/98	GPO	994-05-8		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867858
Client Sample ID: L9-5

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/13/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/13/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/13/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/13/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/13/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/13/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/13/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/13/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/13/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	106	%		1.82	05/13/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	169	%		1.01	05/13/98	GPO	460-00-4	5	
Dibromofluoromethane (S)	123	%		1.81	05/13/98	GPO	1868-53-7		
Toluene-d8 (S)	182	%		1.48	05/13/98	GPO	2037-26-5	4	
Total EPA 8260	ND								

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 801867864 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L11-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/13/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/13/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/13/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/13/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/13/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/13/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/13/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/13/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/13/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/13/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/13/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/13/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/13/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/13/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/13/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/13/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/13/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/13/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/13/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/13/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/13/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/13/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.36	05/13/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/13/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/13/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	108-86-1		U

Pace Project Number: 8021575
Client Project ID: 980508-07

Pace Sample No.: 601867864
Client Sample ID: L11-5

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/13/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/13/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/13/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/13/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/13/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/13/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/13/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/13/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/13/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/13/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/13/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/13/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/13/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/13/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/13/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/13/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/13/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/13/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/13/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/13/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/13/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/13/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/13/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/13/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/13/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/13/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/13/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/13/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/13/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/13/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/13/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/13/98	GPO	994-05-8		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867864 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L11-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/13/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/13/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/13/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/13/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/13/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/13/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/13/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/13/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/13/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	115	%		1.82	05/13/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	121	%		1.01	05/13/98	GPO	460-00-4		
Dibromofluoromethane (S)	117	%		1.81	05/13/98	GPO	1868-53-7		
Toluene-d8 (S)	137	%		1.48	05/13/98	GPO	2037-26-5	3	
Total EPA 8260	ND								

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867872 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L11-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/13/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/13/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/13/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/13/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/13/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.62	05/13/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/13/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/13/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.58	05/13/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/13/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/13/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/13/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/13/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/13/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/13/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/13/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/13/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/13/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/13/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/13/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/13/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/13/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/13/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/13/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/13/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/13/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	108-86-1		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867872 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L11-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/13/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/13/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/13/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/13/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/13/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/13/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/13/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/13/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/13/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/13/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/13/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/13/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/13/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/13/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/13/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/13/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/13/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/13/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/13/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/13/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/13/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/13/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/13/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/13/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/13/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/13/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/13/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/13/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/13/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/13/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/13/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/13/98	GPO	994-05-8		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867872 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L11-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/13/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/13/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/13/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/13/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/13/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/13/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/13/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/13/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/13/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	101	%		1.82	05/13/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	106	%		1.01	05/13/98	GPO	460-00-4		
Dibromofluoromethane (S)	110	%		1.81	05/13/98	GPO	1868-53-7		
Toluene-d8 (S)	109	%		1.48	05/13/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867880 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L6-20 Date Received: 05/11/98

GC/MS – VOA

Volatile Organics Method: EPA 8260 Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/13/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/13/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/13/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/13/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/13/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/13/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/13/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/13/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/13/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/13/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/13/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/13/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/13/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/13/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/13/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/13/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/13/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/13/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/13/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/13/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/13/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/13/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/13/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/13/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/13/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	108-86-1		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867880 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L6-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/13/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/13/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/13/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/13/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/13/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/13/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/13/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/13/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/13/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/13/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/13/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/13/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/13/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/13/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/13/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/13/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/13/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/13/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/13/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/13/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/13/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/13/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/13/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/13/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/13/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/13/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/13/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/13/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/13/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/13/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/13/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/13/98	GPO	994-05-8		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867880 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L6-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/13/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/13/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.67	05/13/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/13/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/13/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/13/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/13/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/13/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/13/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	104	%		1.82	05/13/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	125	%		1.01	05/13/98	GPO	460-00-4	6	
Dibromofluoromethane (S)	110	%		1.81	05/13/98	GPO	1868-53-7		
Toluene-d8 (S)	134	%		1.48	05/13/98	GPO	2037-26-5	4	
Total EPA 8260	ND								

Pace Project Number: 8021576
Client Project ID: 980508-07

Pace Sample No.: 801867898 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L13-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/13/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/13/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/13/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/13/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/13/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/13/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/13/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/13/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/13/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/13/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/13/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/13/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/13/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/13/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/13/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/13/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/13/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/13/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/13/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/13/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/13/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/13/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/13/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/13/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/13/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	108-86-1		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867898 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L13-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/13/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/13/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/13/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/13/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/13/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/13/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/13/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/13/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/13/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/13/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/13/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/13/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/13/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/13/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/13/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/13/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/13/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/13/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/13/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/13/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/13/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/13/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/13/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/13/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/13/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/13/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.86	05/13/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/13/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/13/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/13/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/13/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/13/98	GPO	994-05-8		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867898 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L13-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/13/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.87	05/13/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/13/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/13/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/13/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/13/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/13/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/13/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/13/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	99	%		1.82	05/13/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	117	%		1.01	05/13/98	GPO	460-00-4		
Dibromofluoromethane (S)	106	%		1.81	05/13/98	GPO	1868-53-7		
Toluene-d8 (S)	132	%		1.48	05/13/98	GPO	2037-26-5	7	
Total EPA 8260	ND								

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867906 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L14-5 Date Received: 05/11/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/13/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/13/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/13/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/13/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/13/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/13/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/13/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/13/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/13/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/13/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/13/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/13/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/13/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/13/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/13/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/13/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/13/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/13/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/13/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/13/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/13/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/13/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/13/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/13/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/13/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/13/98	GPO	108-86-1		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 601867906 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L14-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/13/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/13/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/13/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/13/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/13/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/13/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/13/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/13/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/13/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/13/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/13/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/13/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/13/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/13/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/13/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/13/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/13/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/13/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/13/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/13/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/13/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/13/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/13/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/13/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/13/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/13/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/13/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/13/98	GPO	95 47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/13/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/13/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/13/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/13/98	GPO	994-05-8		U

Pace Project Number: 6021576
Client Project ID: 980508-07

Pace Sample No.: 501867906 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L14-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/13/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/13/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.67	05/13/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/13/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/13/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/13/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/13/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/13/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/13/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	116	%		1.82	05/13/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	130	%		1.01	05/13/98	GPO	460-00-4	6	
Dibromofluoromethane (S)	117	%		1.81	05/13/98	GPO	1868-53-7		
Toluene-d8 (S)	135	%		1.48	05/13/98	GPO	2037-26-5	4	
Total EPA 8260	ND								

Pace Project Number: 6021576
Client Project ID: 980508-07

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	The Surrogate recovery value exceeded the established laboratory control limit value(117%). No target analytes were detected.
[2]	The Surrogate recovery value exceeded the established laboratory control limit value(121%).
[3]	The Surrogate recovery value exceeded the established laboratory control limit value(117%). No target analytes detected.
[4]	The Surrogate recovery value exceeded the established laboratory control limit value(117%)
[5]	The Surrogate recovery value exceeded the established laboratory control limit value(121%). No target analytes detected.
[6]	The Surrogate recovery value exceeded the established laboratory control limit value(121%). No target analytes detected.
[7]	The Surrogate recovery value exceeded the established laboratory control limit value(117%). No target analytes detected.

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

Pace Analytical

May 20, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021596
Client Project ID: 980508-507

Dear :

Enclosed are the results of analyses for sample(s) received on May 12, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical.

SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021596
Client Project ID: 980508-607

Pace Sample No.: 601869712 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L1-5 Date Received: 05/12/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/16/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/16/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/16/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/16/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/16/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/16/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/16/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/16/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/16/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/16/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/16/98	GPO	95-63-6		U
1,2 Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/16/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/16/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/16/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/16/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/16/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/16/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/16/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/16/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/16/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/16/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/16/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/16/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/16/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.66	05/16/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/16/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/16/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/16/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/16/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/16/98	GPO	108-86-1		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869712 Date Collected: 05/05/98 Matrix: Soil
Client Sample ID: L1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/16/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/16/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/16/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/16/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/16/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/16/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/16/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/16/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/16/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/16/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/16/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/16/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/16/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/16/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/16/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/16/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/16/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/16/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/16/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/16/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/16/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/16/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/16/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/16/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/16/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/16/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/16/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/16/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/16/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/16/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/16/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/16/98	GPO	994-05-8		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869712 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/16/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/16/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/16/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/16/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/16/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/16/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/16/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/16/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/16/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/16/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	94	%		1.82	05/16/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	89	%		1.01	05/16/98	GPO	460-00-4		
Dibromofluoromethane (S)	108	%		1.81	05/16/98	GPO	1868-53-7		
Toluene-d8 (S)	115	%		1.46	05/16/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869720 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L3-6 Date Received: 05/12/98

GC/MS - VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/16/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/16/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/16/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/16/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/16/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/16/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/16/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/16/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/16/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/16/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.46	05/16/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/16/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/16/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/16/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/16/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/16/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/16/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/16/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/16/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/16/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/16/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/16/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/16/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/16/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/16/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/16/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/16/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/16/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/16/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/16/98	GPO	108-86-1		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601809720 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L3-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/16/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/16/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/16/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/16/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/16/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/16/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/16/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/16/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/16/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/16/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/16/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/16/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/16/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/16/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/16/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/16/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/16/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/16/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/16/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.86	05/16/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/16/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/16/98	GPO			U
Methyl tert-butyl Ether	ND	ug/kg	5		05/16/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/16/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/16/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/16/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/16/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/16/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/16/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/16/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/16/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/16/98	GPO	994-05-8		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869720 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L3-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/16/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/16/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/16/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/16/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/16/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.68	05/16/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/16/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/16/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/16/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/16/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	89	%		1.82	05/16/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	95	%		1.01	05/16/98	GPO	460-00-4		
Dibromofluoromethane (S)	110	%		1.81	05/16/98	GPO	1868-53-7		
Toluene-d8 (S)	104	%		1.48	05/16/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869738 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L3-2 0 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/16/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/16/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/16/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/16/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/16/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/16/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/16/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/16/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/16/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/16/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/16/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/16/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/16/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/16/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/16/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/16/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/16/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/16/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.6	05/16/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/16/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/16/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/16/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/16/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/16/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/16/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/16/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/16/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/16/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/16/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/16/98	GPO	108-86-1		U

Pace Project Number: 6021696
Client Project ID: 980508-507

Pace Sample No.: 601869738 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L3-2 0 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/16/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/16/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/16/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/16/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/16/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/16/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/16/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/16/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/16/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/16/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/16/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/16/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/16/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/16/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/16/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/16/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/16/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/16/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/16/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/16/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/16/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/16/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/16/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/16/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/16/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/16/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/16/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/16/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/16/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/16/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/16/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/16/98	GPO	994-05-8		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869738 Date Collected: 05/05/98 Matrix: Soil
Client Sample ID: L3-2 0 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/16/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/16/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/16/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/16/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/16/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/16/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/16/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/16/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/16/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/16/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	95	%		1.82	05/16/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	102	%		1.01	05/16/98	GPO	460-00-4		
Dibromofluoromethane (S)	110	%		1.81	05/16/98	GPO	1868-53-7		
Toluene-d8 (S)	114	%		1.48	05/16/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869803 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L4-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/16/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/16/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/16/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/16/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/16/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/16/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/16/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/16/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/16/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/16/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/16/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/16/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/16/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/16/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/16/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/16/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/16/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/16/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/16/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/16/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/16/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/16/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/16/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/16/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/16/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/16/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/16/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/16/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/16/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/16/98	GPO	108-86-1		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601609803 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L4-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/16/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/16/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/16/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/16/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/16/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/16/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/16/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/16/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/16/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/16/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/16/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/16/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/16/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/16/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/16/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/16/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/16/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/16/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/16/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/16/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/16/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/16/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/16/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/16/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/16/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/16/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/16/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/16/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/16/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/16/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/16/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/16/98	GPO	994-05-8		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869803 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: L4-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/16/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/16/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/16/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/16/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/16/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/16/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/16/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/16/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/16/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/16/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	104	%		1.82	05/16/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	100	%		1.01	05/16/98	GPO	460-00-4		
Dibromofluoromethane (S)	118	%		1.81	05/16/98	GPO	1868-53-7		
Toluene-d8 (S)	105	%		1.48	05/16/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869811 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: L5-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/16/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/16/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/16/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/16/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/16/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/16/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/16/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/16/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/16/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/16/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/16/98	GPO	95 63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/16/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0 46	05/16/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/16/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/16/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0 7	05/16/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0 64	05/16/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0 29	05/16/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/16/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/16/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/16/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/16/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/16/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/16/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/16/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/16/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/16/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4 34	05/16/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/16/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/16/98	GPO	108-86-1		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869811 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L5-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/16/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/16/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/16/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/16/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.09	05/16/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/16/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/16/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/16/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/16/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/16/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/16/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/16/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/16/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/16/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/16/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/16/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/16/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/16/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/16/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/16/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/16/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/16/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/16/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/16/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/16/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.82	05/16/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/16/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/16/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/16/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/16/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/16/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/16/98	GPO	994-05-8		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869811 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L5-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/16/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/16/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/16/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/16/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/16/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/16/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/16/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/16/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/16/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/16/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	102	%		1.82	05/16/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	103	%		1.01	05/16/98	GPO	460-00-4		
Dibromofluoromethane (S)	111	%		1.81	05/16/98	GPO	1868-53-7		
Toluene-d8 (S)	103	%		1.48	05/16/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869829 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L5-2 0 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/16/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/16/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/16/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/16/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/16/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/16/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/16/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/16/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/16/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/16/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/16/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/16/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/16/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/16/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.61	05/16/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/16/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/16/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/16/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.6	05/16/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/16/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/16/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/16/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/16/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/16/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/16/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/16/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/16/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/16/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/16/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/16/98	GPO	108-86-1		U

Pace Project Number: 6021598
Client Project ID: 980508-507

Pace Sample No.: 601869929 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L5-2 0 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/16/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/16/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/16/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/16/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/16/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/16/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/16/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/16/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/16/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/16/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/16/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/16/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/16/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/16/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/16/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/16/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/16/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/16/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/16/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/16/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/16/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/16/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/16/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/16/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/16/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/16/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/16/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/16/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/16/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/16/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/16/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/16/98	GPO	994-05-8		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869820 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L5-2 0 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/16/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/16/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/16/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/16/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/16/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/16/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/16/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/16/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/16/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/16/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	105	%		1.82	05/16/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	104	%		1.01	05/16/98	GPO	460-00-4		
Dibromofluoromethane (S)	113	%		1.81	05/16/98	GPO	1868-53-7		
Toluene-d8 (S)	109	%		1.48	05/16/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021696
Client Project ID: 980508-507

Pace Sample No.: 601869837 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L6-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/16/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/16/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/16/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/16/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/16/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/16/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/16/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/16/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/16/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/16/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/16/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/16/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/16/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/16/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/16/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/16/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/16/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/16/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/16/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/16/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.66	05/16/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/16/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/16/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/16/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/16/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/16/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.30	05/16/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/16/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/16/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/16/98	GPO	108-86-1		U

Pace Project Number: 6021596
Client Project ID: 580508-507

Pace Sample No.: 601869837 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L6-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/16/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/16/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/16/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/16/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/16/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/16/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/16/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/16/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/16/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/16/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/16/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/16/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/16/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/16/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/16/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/16/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/16/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/16/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/16/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/16/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/16/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/16/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/16/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/16/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/16/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/16/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/16/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/16/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/16/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/16/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/16/98	GPO	100-42-5		U
tert Amyl Methyl ether(TAME)	ND	ug/kg	5		05/16/98	GPO	994-05-8		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869837 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L6-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/16/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/16/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/16/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/16/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/16/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.59	05/16/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/16/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/16/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/16/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/16/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	106	%		1.62	05/16/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	104	%		1.01	05/16/98	GPO	460-00-4		
Dibromofluoromethane (S)	116	%		1.81	05/16/98	GPO	1868-53-7		
Toluene-d8 (S)	106	%		1.48	05/16/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021696
Client Project ID: 980508-507

Pace Sample No.: 601869852 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L8-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/18/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/18/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/18/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/18/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/18/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/18/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/18/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/18/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.66	05/18/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/18/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/18/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/18/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/18/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/18/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/18/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/18/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/18/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/18/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/18/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/18/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/18/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/18/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/18/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/18/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/18/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/18/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/18/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/18/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/18/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/18/98	GPO	108-86-1		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869852 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L8-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/18/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/18/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/18/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/18/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/18/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/18/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/18/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/18/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/18/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/18/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/18/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/18/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/18/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/18/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/18/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/18/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/18/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/18/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/18/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/18/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.87	05/18/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/18/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/18/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/18/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/18/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/18/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/18/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/18/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/18/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/18/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/18/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/18/98	GPO	994-05-8		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869852 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L8-5 Date Received: 06/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/18/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/18/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/18/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/18/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/18/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.56	05/18/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/18/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/18/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/18/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/18/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	95	%		1.62	05/18/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	97	%		1.01	05/18/98	GPO	460-00-4		
Dibromofluoromethane (S)	107	%		1.81	05/18/98	GPO	1868-53-7		
Toluene-d8 (S)	113	%		1.48	05/18/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869860 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L10-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/18/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/18/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/18/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/18/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/18/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/18/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/18/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/18/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/18/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/18/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/18/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/18/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/18/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/18/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/18/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/18/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/18/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/18/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/18/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/18/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/18/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/18/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/18/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/18/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/18/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/18/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/18/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/18/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/18/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/18/98	GPO	108-86-1		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869860 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L10-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/18/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/18/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/18/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/18/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/18/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/18/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/18/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/18/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/18/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/18/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/18/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/18/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/18/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/18/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/18/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/18/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/18/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/18/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/18/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/18/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/18/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/18/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/18/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/18/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/18/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/18/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/18/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/18/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/18/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/18/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/18/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/18/98	GPO	994-05-8		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869860 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L10-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/18/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/18/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/18/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/18/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/18/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/18/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/18/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/18/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/18/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/18/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	97	%		1.82	05/18/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	119	%		1.01	05/18/98	GPO	460-00-4		
Dibromofluoromethane (S)	116	%		1.81	05/18/98	GPO	1868-53-7		
Toluene-d8 (S)	116	%		1.48	05/18/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869878 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L12-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/18/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/18/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/18/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/18/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/18/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/18/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/18/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/18/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/18/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/18/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/18/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/18/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/18/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/18/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/18/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/18/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/18/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/18/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/18/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/18/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/18/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/18/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/18/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/18/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/18/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/18/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/18/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/18/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.68	05/18/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/18/98	GPO	108-86-1		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601809878 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L12-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/18/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/18/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/18/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/18/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/18/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/18/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/18/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/18/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/18/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/18/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/18/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.82	05/18/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/18/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/18/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/18/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/18/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/18/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/18/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/18/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/18/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/18/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/18/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/18/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/18/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/18/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.82	05/18/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.95	05/18/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/18/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/18/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/18/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/18/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/18/98	GPO	994-05-8		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869878 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L12-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/18/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/18/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/18/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/18/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.92	05/18/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/18/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/18/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/18/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/18/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/18/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	93	%		1.82	05/18/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	119	%		1.01	05/18/98	GPO	460-00-4		
Dibromofluoromethane (S)	115	%		1.81	05/18/98	GPO	1868-53-7		
Toluene-d8 (S)	121	%		1.48	05/18/98	GPO	2037-26-5	1	
Total EPA 8260	ND								

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869886 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L12-2 0 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/18/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/18/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/18/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/18/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/18/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/18/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/18/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/18/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/18/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/18/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/18/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/18/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/18/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/18/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/18/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/18/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/18/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/18/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/18/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/18/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/18/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/18/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/18/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/18/98	GPO	95-49-8		U
2 Hexanone	ND	ug/kg	100	2.55	05/18/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/18/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/18/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/18/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/18/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/18/98	GPO	108-86-1		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869886 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L12-2 0 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/18/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/18/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/18/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/18/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/18/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/18/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/18/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/18/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/18/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/18/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/18/98	GPO	156-59-2		U
cis 1,3-Dichloropropene	ND	ug/kg	5	0.52	05/18/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/18/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/18/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/18/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/18/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/18/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/18/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/18/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/18/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/18/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/18/98	GPO			U
Methyl tert-butyl Ether	ND	ug/kg	5		05/18/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/18/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/18/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/18/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/18/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/18/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/18/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/18/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/18/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/18/98	GPO	994-05-8		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869886 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L12-2 0 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/18/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/18/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/18/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/18/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/18/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/18/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/18/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/18/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/18/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/18/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	91	%		1.82	05/18/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	96	%		1.01	05/18/98	GPO	460-00-4		
Dibromofluoromethane (S)	103	%		1.81	05/18/98	GPO	1868-53-7		
Toluene-d8 (S)	106	%		1.48	05/18/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869894 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L13-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/18/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/18/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/18/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/18/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/18/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/18/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/18/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/18/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/18/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/18/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/18/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/18/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/18/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/18/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/18/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/18/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/18/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/18/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/18/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/18/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.60	05/18/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/18/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/18/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/18/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/18/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/18/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.39	05/18/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/18/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/18/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/18/98	GPO	108-86-1		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869894 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L13-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/18/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/18/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/18/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/18/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/18/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/18/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/18/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/18/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/18/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/18/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/18/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/18/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/18/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/18/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/18/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/18/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/18/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/18/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.68	05/18/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/18/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/18/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/18/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/18/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/18/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/18/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/18/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/18/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/18/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/18/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/18/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/18/98	GPO	100-42-5		U
tert Amyl Methyl ether(TAME)	ND	ug/kg	5		05/18/98	GPO	994-05-8		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869894 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L13-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/18/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/18/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/18/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/18/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/18/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/18/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/18/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/18/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/18/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/18/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	94	%		1.82	05/18/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	113	%		1.01	05/18/98	GPO	460-00-4		
Dibromofluoromethane (S)	109	%		1.81	05/18/98	GPO	1868-53-7		
Toluene-d8 (S)	122	%		1.48	05/18/98	GPO	2037-26-5	1	
Total EPA 8260	ND								

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869902
Client Sample ID: L14-2 0
Date Collected: 05/07/98
Date Received: 05/12/98
Matrix: Soil

GC/MS -- VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/18/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/18/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/18/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/18/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/18/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/18/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/18/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/18/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/18/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/18/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/18/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/18/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/18/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/18/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/18/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/18/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/18/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/18/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/18/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/18/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/18/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/18/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/18/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/18/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/18/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/18/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/18/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.04	05/18/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/18/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/18/98	GPO	108-86-1		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869902 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L14-2 0 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/18/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/18/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/18/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/18/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/18/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/18/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/18/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/18/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/18/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/18/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/18/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.62	05/18/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/18/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/18/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/18/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/18/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/18/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/18/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/18/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.86	05/18/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/18/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/18/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/18/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/18/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/18/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/18/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.95	05/18/98	GPO	91-20-3		U
O-Xylene (1,2 Dimethylbenzene)	ND	ug/kg	5	0.63	05/18/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/18/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/18/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/18/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/18/98	GPO	994-05-8		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601869902 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L14-2 0 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/18/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/18/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/18/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/18/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/18/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/18/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/18/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/18/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/18/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/18/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	86	%		1.82	05/18/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	91	%		1.01	05/18/98	GPO	460-00-4		
Dibromofluoromethane (S)	101	%		1.81	05/18/98	GPO	1868-53-7		
Toluene-d8 (S)	105	%		1.48	05/18/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601670074 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L7-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/18/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/18/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/18/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/18/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/18/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/18/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/18/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/18/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/18/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/18/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/18/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/18/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/18/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/18/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.61	05/18/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/18/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/18/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/18/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/18/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/18/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/18/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/18/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/18/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/18/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/18/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/18/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/18/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/18/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/18/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/18/98	GPO	108-86-1		U

Pace Project Number: 6021596
Client Project ID: 980808-507

Pace Sample No.: 601870074 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L7-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/18/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/18/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/18/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/18/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/18/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/18/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/18/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/18/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/18/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/18/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/18/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/18/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/18/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/18/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/18/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/18/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/18/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/18/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/18/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/18/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.87	05/18/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/18/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/18/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/18/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/18/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.82	05/18/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/18/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/18/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/18/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/18/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/18/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/18/98	GPO	994-05-8		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601870074 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L7-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/18/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/18/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/18/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/18/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.92	05/18/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.68	05/18/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/18/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/18/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/18/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/18/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	100	%		1.82	05/18/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	119	%		1.01	05/18/98	GPO	460-00-4		
Dibromofluoromethane (S)	119	%		1.81	05/18/98	GPO	1868-53-7	2	
Toluene-d8 (S)	105	%		1.48	05/18/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601870092 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L10-2 0 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/18/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/18/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/18/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/18/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/18/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/18/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/18/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/18/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/18/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/18/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/18/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/18/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/18/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/18/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/18/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/18/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/18/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/18/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/18/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/18/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/18/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/18/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/18/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/18/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/18/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/18/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/18/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/18/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/18/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/18/98	GPO	108-86-1		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601870082 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L10-2 0 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/18/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/18/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/18/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/18/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/18/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/18/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/18/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/18/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/18/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/18/98	GPO	74-87-3		U
cis-1,2 Dichloroethene	ND	ug/kg	5	0.39	05/18/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/18/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/18/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/18/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/18/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/18/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/18/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/18/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.66	05/18/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.86	05/18/98	GPO	87 68 3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/18/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/18/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/18/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/18/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1 13	05/18/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/18/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/18/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/18/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/18/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/18/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/18/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/18/98	GPO	994-05-8		U

Pace Project Number: 6021596
Client Project ID: 980508-507

Pace Sample No.: 601870082 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L10-2 0 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/18/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/18/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/18/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/18/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/18/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/18/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/18/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/18/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/18/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/18/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	87	%		1.82	05/18/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	86	%		1.01	05/18/98	GPO	460-00-4		
Dibromofluoromethane (S)	100	%		1.81	05/18/98	GPO	1868-53-7		
Toluene-d8 (S)	110	%		1.48	05/18/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021598
Client Project ID: 980508-507

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	The Surrogate recovery value exceeded the established laboratory control limit value(117%).
[2]	The Surrogate recovery value exceeded the established laboratory control limit value(117%)>

Pace Analytical Services, Inc.
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Pace Analytical

May 26, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107312
Client Project ID: 980508-07

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

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Pace Analytical

DATE: 05/27/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107312
Client Project ID: 980508-07

Attn: Mr.RichardVillafania
Phone: (562)498-9515

Pace Sample No.: 10630135
Client Sample ID: L1-S

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
SC = Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/12/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	0.0101	05/12/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/12/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/12/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/12/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/12/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/12/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	118	%		*	05/12/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	112	%		*	05/12/98	DKP	877-09-8		
Date Extracted	05/11/98			*		DKP			
Total EPA 8080	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630135
Client Sample ID: L1-S
Date Collected: 05/06/98
Date Received: 05/11/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/14/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/14/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.584	05/14/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/14/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/14/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/14/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/14/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/14/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/14/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/14/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/14/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/14/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/14/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/14/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/14/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/14/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.069	05/14/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/14/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/14/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/14/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/14/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/14/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630135 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L1-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/14/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/14/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/14/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/14/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/14/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/14/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/14/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/14/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/14/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/14/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/14/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/14/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/14/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/14/98	SAC	207-08-9		U
Benzoic Acid	trace	ug/kg	1600	264.99	05/14/98	SAC	65-85-0	1,2	JB
Benzyl Alcohol	ND	ug/kg	660	73.25	05/14/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/14/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	26.579	05/14/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/14/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/14/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/14/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/14/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	83.556	05/14/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/14/98	SAC	117-84-0		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630136
Client Sample ID: L1-S
Date Collected: 05/06/98
Date Received: 05/11/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/14/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/14/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/14/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/14/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.669	05/14/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/14/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/14/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/14/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/14/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/14/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/14/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/14/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/14/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/14/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/14/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/14/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/14/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/14/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/14/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/14/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	80	%		*	05/14/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	79	%		*	05/14/98	SAC	321-60-8		
2-Fluorophenol (S)	57	%		*	05/14/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	63	%		*	05/14/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630135
Client Sample ID: L1-S

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	65	%		*	05/14/98	SAC	13127-88-3		
Terphenyl-d14 (S)	80	%		*	05/14/98	SAC	1718-51-0		
Date Extracted	05/12/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630143 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L1-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/12/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	0.0101	05/12/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/12/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/12/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/12/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/12/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/12/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	124	%		*	05/12/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	121	%		*	05/12/98	DKP	877-09-8		
Date Extracted	05/11/98			*		DKP			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630143
Client Sample ID: L1-2.0
Date Collected: 05/06/98
Date Received: 05/11/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/14/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/14/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/14/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/14/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/14/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/14/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/14/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	166.31	05/14/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/14/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	36.406	05/14/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/14/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/14/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/14/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/14/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/14/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/14/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.008	05/14/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/14/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/14/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/14/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/14/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/14/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630143 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L1-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/14/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/14/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/14/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/14/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/14/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/14/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/14/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/14/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/14/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.930	05/14/98	SAC	56-55-3	1	J
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/14/98	SAC	50-32-8		U
Benzo(b)fluoranthene	trace	ug/kg	330	71.700	05/14/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/14/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/14/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/14/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/14/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/14/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/14/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/14/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/14/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/14/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	49.277	05/14/98	SAC	218-01-9	1	J
Di-n-butylphthalate	1700	ug/kg	330	63.556	05/14/98	SAC	84-74-2		
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/14/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630143
Client Sample ID: L1-2.0

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/14/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/14/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/14/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/14/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	330	40.659	05/14/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	330	39.123	05/14/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/14/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/14/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/14/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/14/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/14/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/14/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/14/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/14/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/14/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/14/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/14/98	SAC	87-86-5		U
Phenanthrene	trace	ug/kg	330	39.463	05/14/98	SAC	85-01-8	1	J
Phenol	ND	ug/kg	330	49.142	05/14/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	34.334	05/14/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	71	%		*	05/14/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	73	%		*	05/14/98	SAC	321-60-8		
2-Fluorophenol (S)	55	%		*	05/14/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	61	%		*	05/14/98	SAC	4165-60-0		

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630143 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L1-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	61	%		*	06/14/98	SAC	13127-88-3		
Terphenyl-d14 (S)	63	%		*	05/14/98	SAC	1718-51-0		
Date Extracted	05/12/98			*		SAC			
Total EPA 8270	1700								

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630150
Client Sample ID: L2-S
Date Collected: 05/06/98
Date Received: 05/11/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/14/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/14/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/14/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/14/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/14/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/14/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/14/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/14/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/14/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/14/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/14/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/14/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/14/98	SAC	95-57-8		U
2-Methylnaphthalene	trace	ug/kg	330	26.613	05/14/98	SAC	91-57-6	1	J
2-Methylphenol	ND	ug/kg	330	94.548	05/14/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.969	05/14/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/14/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/14/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/14/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/14/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/14/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/14/98	SAC	59-50-7		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630150 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L2-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/14/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/14/98	SAC	7005-72-3		U
4-Methylphenol	trace	ug/kg	330	90.077	05/14/98	SAC	106-44-5	1	J
4-Nitroaniline	ND	ug/kg	1600	41.247	05/14/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/14/98	SAC	100-02-7		U
Acenaphthene	trace	ug/kg	330	29.179	05/14/98	SAC	83-32-9	1	J
Acenaphthene	trace	ug/kg	330	29.993	05/14/98	SAC	83-32-9	1	J
Acenaphthylene	ND	ug/kg	330	35.839	05/14/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/14/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.830	05/14/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	330	36.245	05/14/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	trace	ug/kg	330	71.700	05/14/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/14/98	SAC	191-24-2		U
Benzo(k)fluoranthene	trace	ug/kg	330	50.095	05/14/98	SAC	207-08-9	1	J
Benzoic Acid	trace	ug/kg	1600	264.99	05/14/98	SAC	65-85-0	1,2	JB
Benzyl Alcohol	ND	ug/kg	660	73.25	05/14/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/14/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/14/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/14/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/14/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/14/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	49.277	05/14/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/14/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/14/98	SAC	117-84-0		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630150 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L2-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/14/98	SAC	53-70-3		U
Dibenzofuran	trace	ug/kg	330	31.884	05/14/98	SAC	132-64-9	1	J
Diethylphthalate	ND	ug/kg	330	30.341	05/14/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/14/98	SAC	131-11-3		U
Fluoranthene	470	ug/kg	330	40.859	05/14/98	SAC	206-44-0		
Fluorene	trace	ug/kg	330	39.123	05/14/98	SAC	86-73-7	1	J
Hexachlorobenzene	ND	ug/kg	330	41.678	05/14/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/14/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/14/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/14/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/14/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/14/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/14/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/14/98	SAC	86-30-6		U
Naphthalene	trace	ug/kg	330	26.144	05/14/98	SAC	91-20-3	1	J
Nitrobenzene	ND	ug/kg	330	33.247	05/14/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/14/98	SAC	87-86-5		U
Phenanthrene	610	ug/kg	330	39.463	05/14/98	SAC	85-01-8		
Phenol	ND	ug/kg	330	49.142	05/14/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	34.334	05/14/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	96	%		*	05/14/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	86	%		*	05/14/98	SAC	321-60-8		
2-Fluorophenol (S)	67	%		*	05/14/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	71	%		*	05/14/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630150
Client Sample ID: L2-S

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	74	%		*	05/14/98	SAC	13127-88-3		
Terphenyl-d14 (S)	80	%		*	05/14/98	SAC	1718-51-0		
Date Extracted	05/12/98			*		SAC			
Total EPA 8270	1060								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630168 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L2-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/16/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/16/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.554	05/16/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/16/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	64.483	05/16/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/16/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/16/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/16/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/16/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/16/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/16/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/16/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/16/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/16/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/16/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/16/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/16/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/16/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/16/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/16/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/16/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/16/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630168 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L2-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/16/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/16/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/16/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/16/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/16/98	SAC	100-02-7		U
Acenaphthene	trace	ug/kg	330	29.993	05/16/98	SAC	83-32-9	1	J
Acenaphthene	trace	ug/kg	330	29.179	05/16/98	SAC	83-32-9	1	J
Acenaphthylene	ND	ug/kg	330	35.839	05/16/98	SAC	208-96-8		U
Anthracene	trace	ug/kg	330	38.787	05/16/98	SAC	120-12-7	1	J
Benzo(a)anthracene	trace	ug/kg	330	39.830	05/16/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	330	36.245	05/16/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	370	ug/kg	330	71.700	05/16/98	SAC	205-99-2		
Benzo(g,h,i)perylene	trace	ug/kg	330	38.814	05/16/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	trace	ug/kg	330	50.095	05/16/98	SAC	207-08-9	1	J
Benzoic Acid	ND	ug/kg	1600	264.99	05/16/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/16/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/16/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/16/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/16/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/16/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	86.139	05/16/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	49.277	05/16/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/16/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/16/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630168 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: L2-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/16/98	SAC	53-70-3		U
Dibenzofuran	trace	ug/kg	330	31.884	05/16/98	SAC	132-64-9	1	J
Diethylphthalate	ND	ug/kg	330	30.341	05/16/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/16/98	SAC	131-11-3		U
Fluoranthene	540	ug/kg	330	40.659	05/16/98	SAC	206-44-0		
Fluorene	trace	ug/kg	330	39.123	05/16/98	SAC	86-73-7	1	J
Hexachlorobenzene	ND	ug/kg	330	41.678	05/16/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/16/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/16/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/16/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	330	39.938	05/16/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	330	30.158	05/16/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/16/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/16/98	SAC	86-30-6		U
Naphthalene	trace	ug/kg	330	26.144	05/16/98	SAC	91-20-3	1	J
Nitrobenzene	ND	ug/kg	330	33.247	05/16/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/16/98	SAC	87-86-5		U
Phenanthrene	630	ug/kg	330	39.463	05/16/98	SAC	85-01-8		
Phenol	ND	ug/kg	330	49.142	05/16/98	SAC	108-95-2		U
Pyrene	1000	ug/kg	330	34.334	05/16/98	SAC	129-00-0		
2,4,6-Tribromophenol (S)	73	%		*	05/16/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	80	%		*	05/16/98	SAC	321-60-8		
2-Fluorophenol (S)	65	%		*	05/16/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	70	%		*	05/16/98	SAC	4165-60-0		

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630168 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L2-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	76	%		*	05/16/98	SAC	13127-88-3		
Terphenyl-d14 (S)	132	%		*	05/16/98	SAC	1718-51-0		
Date Extracted	05/13/98			*		SAC			
Total EPA 8270	**2540**								

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630192 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L3-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/13/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	0.0101	05/13/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/13/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/13/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/13/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/13/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/13/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	119	%		*	05/13/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	116	%		*	05/13/98	DKP	877-09-8		
Date Extracted	05/11/98			*		DKP			
Total EPA 8080	ND								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630192 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L3-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/16/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/16/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/16/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/16/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/16/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/16/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/16/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/16/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/16/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/16/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/16/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/16/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/16/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.813	05/16/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/16/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/16/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/16/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/16/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/16/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/16/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/16/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/16/98	SAC	59-50-7		U

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630192 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L3-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/16/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/16/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/16/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/16/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/16/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/16/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/16/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/16/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/16/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.830	05/16/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	330	36.245	05/16/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	trace	ug/kg	330	71.700	05/16/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/16/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/16/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/16/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/16/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/16/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/16/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/16/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/16/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/16/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	49.277	05/16/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/16/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/16/98	SAC	117-84-0		U

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630192
Client Sample ID: L3-S

Date Collected: 05/06/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/16/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/16/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/16/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/16/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	330	40.659	05/16/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	330	39.123	05/16/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/16/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/16/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/16/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/16/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/16/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/16/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/16/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/16/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/16/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/16/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/16/98	SAC	87-86-5		U
Phenanthrene	trace	ug/kg	330	39.463	05/16/98	SAC	85-01-8	1	J
Phenol	ND	ug/kg	330	49.142	05/16/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	34.334	05/16/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	74	%		*	05/16/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	85	%		*	05/16/98	SAC	321-60-8		
2-Fluorophenol (S)	73	%		*	05/16/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	83	%		*	05/16/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630192 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L3-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	84	%		*	05/16/98	SAC	13127-88-3		
Terphenyl-d14 (S)	122	%		*	05/16/98	SAC	1718-51-0		
Date Extracted	05/13/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630200 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L3-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/12/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	0.0101	05/12/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/12/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/12/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/12/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	0.054	mg/kg	0.033	*	05/12/98	DKP	11097-69-1		
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/12/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	124	%		*	05/12/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	131	%		*	05/12/98	DKP	877-09-8		
Date Extracted	05/11/98			*		DKP			
Total EPA 8080	**0.054**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630200 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L3-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/19/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/19/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.504	05/19/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/19/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/19/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/19/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/19/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/19/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/19/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/19/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/19/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/19/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.074	05/19/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/19/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/19/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/19/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/19/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/19/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.804	05/19/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/19/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/19/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/19/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630200 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L3-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/19/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/19/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/19/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/19/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/19/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/19/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/19/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/19/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/19/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.830	05/19/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	330	36.245	05/19/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	trace	ug/kg	330	71.700	05/19/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	trace	ug/kg	330	38.814	05/19/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	trace	ug/kg	330	50.095	05/19/98	SAC	207-08-9	1	J
Benzoic Acid	ND	ug/kg	1600	264.99	05/19/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/19/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/19/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/19/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/19/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/19/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/19/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	49.277	05/19/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/19/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/19/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630200
Client Sample ID: L3-2.0
Date Collected: 05/06/98
Date Received: 05/11/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/19/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/19/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/19/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/19/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/19/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/19/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/19/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/19/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/19/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/19/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	330	39.938	05/19/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	330	30.158	05/19/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/19/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/19/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/19/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/19/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/19/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/19/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/19/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/19/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	57	%		*	05/19/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	70	%		*	05/19/98	SAC	321-60-8		
2-Fluorophenol (S)	55	%		*	05/19/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	65	%		*	05/19/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630200 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L3-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	64	%		*	05/19/98	SAC	13127-88-3		
Terphenyl-d14 (S)	66	%		*	05/19/98	SAC	1718-51-0		
Date Extracted	05/13/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630218 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L4-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/16/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/16/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/16/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/16/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/16/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/16/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/16/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/16/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/16/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/16/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.226	05/16/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/16/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/16/98	SAC	95-57-8		U
2-Methylnaphthalene	480	ug/kg	330	26.613	05/16/98	SAC	91-57-6		
2-Methylphenol	ND	ug/kg	330	94.548	05/16/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/16/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/16/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/16/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/16/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/16/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/16/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/16/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630219 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L4-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/16/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/16/98	SAC	7005-72-3		U
4-Methylphenol	trace	ug/kg	330	90.077	05/16/98	SAC	106-44-5	1	J
4-Nitroaniline	ND	ug/kg	1600	41.247	05/16/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/16/98	SAC	100-02-7		U
Acenaphthene	360	ug/kg	330	29.993	05/16/98	SAC	83-32-9		
Acenaphthene	360	ug/kg	330	29.179	05/16/98	SAC	83-32-9		
Acenaphthylene	ND	ug/kg	330	35.839	05/16/98	SAC	208-96-8		U
Anthracene	trace	ug/kg	330	38.787	05/16/98	SAC	120-12-7	1	J
Benzo(a)anthracene	330	ug/kg	330	39.830	05/16/98	SAC	56-55-3		
Benzo(a)pyrene	trace	ug/kg	330	36.245	05/16/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	350	ug/kg	330	71.700	05/16/98	SAC	205-99-2		
Benzo(g,h,i)perylene	trace	ug/kg	330	38.814	05/16/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	trace	ug/kg	330	50.095	05/16/98	SAC	207-08-9	1	J
Benzoic Acid	ND	ug/kg	1600	264.99	05/16/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/16/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/16/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	trace	ug/kg	330	28.579	05/16/98	SAC	111-44-4	1	J
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/16/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	340	ug/kg	330	60.552	05/16/98	SAC	117-81-7		
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/16/98	SAC	85-68-7		U
Chrysene	400	ug/kg	330	49.277	05/16/98	SAC	218-01-9		
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/16/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/16/98	SAC	117-84-0		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630218 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L4-S Date Received: 05/11/98

Parameter	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.969	05/16/98	SAC	53-70-3		U
Dibenzofuran	380	ug/kg	330	31.884	05/16/98	SAC	132-64-9		
Diethylphthalate	ND	ug/kg	330	30.341	05/16/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/16/98	SAC	131-11-3		U
Fluoranthene	1100	ug/kg	330	40.659	05/16/98	SAC	206-44-0		
Fluorene	340	ug/kg	330	30.123	05/16/98	SAC	86-73-7		
Hexachlorobenzene	ND	ug/kg	330	41.678	05/16/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/16/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/16/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/16/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	330	39.038	05/16/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	330	30.158	05/16/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/16/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/16/98	SAC	86-30-6		U
Naphthalene	470	ug/kg	330	26.144	05/16/98	SAC	91-20-3		
Nitrobenzene	ND	ug/kg	330	33.247	05/16/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/16/98	SAC	87-86-5		U
Phenanthrene	1700	ug/kg	330	39.463	05/16/98	SAC	85-01-8		
Phenol	ND	ug/kg	330	49.142	05/16/98	SAC	108-95-2		U
Pyrene	700	ug/kg	330	34.334	05/16/98	SAC	129-00-0		
2,4,6-Tribromophenol (S)	86	%		*	05/16/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	84	%		*	05/16/98	SAC	321-60-8		
2-Fluorophenol (S)	63	%		*	05/16/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	68	%		*	05/16/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Client Project ID: 980508-07

Pace Sample No.: 10630218 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L4-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	70	%		*	05/16/98	SAC	13127-88-3		
Terphenyl-d14 (S)	71	%		*	05/16/98	SAC	1718-51-0		
Date Extracted	05/13/98			*		SAC			
Total EPA 8270	7310								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630226 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L4-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/16/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/16/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/16/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/16/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/16/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/16/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/16/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/16/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/16/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/16/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/16/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/16/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/16/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/16/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/16/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/16/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.058	05/16/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/16/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/16/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/16/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/16/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/16/98	SAC	59-50-7		U

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630226 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L4-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/16/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/16/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/16/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/16/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/16/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/16/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/16/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/16/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/16/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.830	05/16/98	SAC	56-55-3	1	J
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/16/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/16/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/16/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/16/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/16/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/16/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/16/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/16/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/16/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/16/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/16/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	49.277	05/16/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/16/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.098	05/16/98	SAC	117-84-0		U

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630226 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L4-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/16/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/16/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/16/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/16/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	330	40.659	05/16/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	330	39.123	05/16/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/16/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/16/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/16/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/16/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/16/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/16/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/16/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/16/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/16/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/16/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/16/98	SAC	87-86-5		U
Phenanthrene	trace	ug/kg	330	39.463	05/16/98	SAC	85-01-8	1	J
Phenol	ND	ug/kg	330	49.142	05/16/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	34.334	05/16/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	76	%		*	05/16/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	82	%		*	05/16/98	SAC	321-60-8		
2-Fluorophenol (S)	65	%		*	05/16/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	74	%		*	05/16/98	SAC	4165-60-0		

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630226 Date Collected: 05/05/98 Matrix: Soil
Client Sample ID: L4-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	73	%		*	05/16/98	SAC	13127-88-3		
Terphenyl-d14 (S)	71	%		*	05/16/98	SAC	1718-51-0		
Date Extracted	05/13/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630234 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L5-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	350	27.769	05/16/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	350	42.146	05/16/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	350	33.142	05/16/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	350	28.374	05/16/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	350	57.207	05/16/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	350	55.331	05/16/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	350	45.142	05/16/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	350	173.57	05/16/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1700	47.778	05/16/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	350	37.176	05/16/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	350	39.087	05/16/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	350	34.061	05/16/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	350	45.858	05/16/98	SAC	95-57-8		U
2-Methylnaphthalene	trace	ug/kg	350	27.943	05/16/98	SAC	91-57-6	1	J
2-Methylphenol	ND	ug/kg	350	99.275	05/16/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1700	39.783	05/16/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	350	33.672	05/16/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	690	25.303	05/16/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1700	35.284	05/16/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1700	37.457	05/16/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	350	49.457	05/16/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	690	41.160	05/16/98	SAC	59-50-7		U

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630234 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L5-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/12/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	0.0101	05/12/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/12/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/12/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/12/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/12/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	0.096	mg/kg	0.033	0.0917	05/12/98	DKP	11096-82-5		
Decachlorobiphenyl (S)	126	%		*	05/12/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	107	%		*	05/12/98	DKP	877-09-8		
Date Extracted	05/11/98			*		DKP			
Total EPA 8080	0.096								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630234 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L5-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	690	29.031	05/16/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	350	18.756	05/16/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	350	94.581	05/16/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1700	43.310	05/16/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1700	30.419	05/16/98	SAC	100-02-7		U
Acenaphthene	trace	ug/kg	350	30.638	05/16/98	SAC	83-32-9	1	J
Acenaphthene	trace	ug/kg	350	31.492	05/16/98	SAC	83-32-9	1	J
Acenaphthylene	ND	ug/kg	350	37.631	05/16/98	SAC	208-96-8		U
Anthracene	trace	ug/kg	350	40.726	05/16/98	SAC	120-12-7	1	J
Benzo(a)anthracene	trace	ug/kg	350	41.822	05/16/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	350	38.057	05/16/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	trace	ug/kg	350	75.285	05/16/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	trace	ug/kg	350	40.755	05/16/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	trace	ug/kg	350	52.600	05/16/98	SAC	207-08-9	1	J
Benzoic Acid	ND	ug/kg	1700	278.24	05/16/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	690	76.912	05/16/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	350	30.195	05/16/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	350	30.008	05/16/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	350	45.879	05/16/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	350	63.580	05/16/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	350	90.445	05/16/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	350	51.740	05/16/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	350	66.734	05/16/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	350	95.642	05/16/98	SAC	117-84-0		U

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630234 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: L5-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	350	39.866	05/16/98	SAC	53-70-3		U
Dibenzofuran	trace	ug/kg	350	33.478	05/16/98	SAC	132-64-9	1	J
Diethylphthalate	ND	ug/kg	350	31.858	05/16/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	350	30.559	05/16/98	SAC	131-11-3		U
Fluoranthene	410	ug/kg	350	42.692	05/16/98	SAC	206-44-0		
Fluorene	trace	ug/kg	350	41.079	05/16/98	SAC	86-73-7	1	J
Hexachlorobenzene	ND	ug/kg	350	43.762	05/16/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	350	35.176	05/16/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	350	91.918	05/16/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	350	31.115	05/16/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	350	41.935	05/16/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	350	31.666	05/16/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	350	39.630	05/16/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	350	51.768	05/16/98	SAC	86-30-6		U
Naphthalene	trace	ug/kg	350	27.452	05/16/98	SAC	91-20-3	1	J
Nitrobenzene	ND	ug/kg	350	34.909	05/16/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1700	50.428	05/16/98	SAC	87-86-5		U
Phenanthrene	540	ug/kg	350	41.436	05/16/98	SAC	85-01-8		
Phenol	ND	ug/kg	350	51.599	05/16/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	350	30.051	05/16/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	79	%		*	05/16/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	82	%		*	05/16/98	SAC	321-60-8		
2-Fluorophenol (S)	64	%		*	05/16/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	68	%		*	05/16/98	SAC	4165-60-0		

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630234 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L5-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	72	%		*	05/16/98	SAC	13127-88-3		
Terphenyl-d14 (S)	71	%		*	05/16/98	SAC	1718-51-0		
Date Extracted	05/13/98			*		SAC			
Total EPA 8270	950								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630242 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L5-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/13/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	0.0101	05/13/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/13/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/13/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/13/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/13/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/13/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	52	%		*	05/13/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	45	%		*	05/13/98	DKP	877-09-8		
Date Extracted	05/11/98			*		DKP			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630242 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: LS-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	560	44.695	05/16/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	560	67.836	05/16/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	560	53.344	05/16/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	560	45.670	05/16/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	560	92.077	05/16/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	560	89.057	05/16/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	560	72.658	05/16/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	560	279.37	05/16/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	2700	76.900	05/16/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	560	59.836	05/16/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	560	62.911	05/16/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	560	54.822	05/16/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	560	73.809	05/16/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	560	44.976	05/16/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	560	159.78	05/16/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	2700	63.999	05/16/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	560	54.105	05/16/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1100	40.727	05/16/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	2700	56.791	05/16/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	2700	60.288	05/16/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	560	79.603	05/16/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1100	66.249	05/16/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630242 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: LS-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	1100	46.727	05/16/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	560	30.189	05/16/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	560	152.23	05/16/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	2700	69.708	05/16/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	2700	48.960	05/16/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	560	50.698	05/16/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	560	49.313	05/16/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	560	60.568	05/16/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	560	65.550	05/16/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	560	67.314	05/16/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	560	61.255	05/16/98	SAC	50-32-8		U
Benzo(b)fluoranthene	trace	ug/kg	560	121.17	05/16/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	ND	ug/kg	560	65.596	05/16/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	560	84.661	05/16/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	2700	447.83	05/16/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1100	123.79	05/16/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	560	48.600	05/16/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	560	48.299	05/16/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	560	73.844	05/16/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	560	102.33	05/16/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	560	145.57	05/16/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	560	83.278	05/16/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	560	107.41	05/16/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	560	153.93	05/16/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630242 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L5-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	560	64.168	05/16/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	560	53.884	05/16/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	560	51.276	05/16/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	560	49.186	05/16/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	560	68.714	05/16/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	560	66.119	05/16/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	560	70.436	05/16/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	560	56.617	05/16/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	560	147.94	05/16/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	560	50.081	05/16/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	560	67.496	05/16/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	560	50.968	05/16/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	560	63.787	05/16/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	560	83.321	05/16/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	560	44.184	05/16/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	560	58.198	05/16/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	2700	81.165	05/16/98	SAC	87-86-5		U
Phenanthrene	trace	ug/kg	560	66.592	05/16/98	SAC	85-01-8	1	J
Phenol	ND	ug/kg	560	83.051	05/16/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	560	58.025	05/16/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	71	%		*	05/16/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	74	%		*	05/16/98	SAC	321-60-8		
2-Fluorophenol (S)	63	%		*	05/16/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	70	%		*	05/16/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630242 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L5-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	71	%		*	05/16/98	SAC	13127-88-3		
Terphenyl-d14 (S)	67	%		*	05/16/98	SAC	1718-51-0		
Date Extracted	05/13/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630259 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L6-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/16/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/16/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/16/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/16/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/16/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/16/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/16/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/16/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/16/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/16/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/16/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/16/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/16/98	SAC	95-57-8		U
2-Methylnaphthalene	trace	ug/kg	330	26.813	05/16/98	SAC	91-57-6	1	J
2-Methylphenol	ND	ug/kg	330	94.548	05/16/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/16/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.088	05/16/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/16/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/16/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/16/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/16/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/16/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630259 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L6-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/16/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/16/98	SAC	7005-72-3		U
4-Methylphenol	trace	ug/kg	330	90.077	05/16/98	SAC	106-44-5	1	J
4-Nitroaniline	ND	ug/kg	1600	41.247	05/16/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/16/98	SAC	100-02-7		U
Acenaphthene	trace	ug/kg	330	29.179	05/16/98	SAC	83-32-9	1	J
Acenaphthene	trace	ug/kg	330	29.993	05/16/98	SAC	83-32-9	1	J
Acenaphthylene	ND	ug/kg	330	35.639	05/16/98	SAC	208-96-8		U
Anthracene	trace	ug/kg	330	38.787	05/16/98	SAC	120-12-7	1	J
Benzo(a)anthracene	trace	ug/kg	330	39.830	05/16/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	330	36.245	05/16/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	trace	ug/kg	330	71.700	05/16/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	trace	ug/kg	330	38.814	05/16/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	trace	ug/kg	330	50.095	05/16/98	SAC	207-08-9	1	J
Benzoic Acid	ND	ug/kg	1600	264.89	05/16/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/16/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/16/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	trace	ug/kg	330	28.579	05/16/98	SAC	111-44-4	1	J
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/16/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/16/98	SAC	117-81-7	1	J
Butylbenzylphthalate	trace	ug/kg	330	86.138	05/16/98	SAC	85-68-7	1	J
Chrysene	trace	ug/kg	330	49.277	05/16/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/16/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/16/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630259 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L6-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/16/98	SAC	53-70-3		U
Dibenzofuran	trace	ug/kg	330	31.884	05/16/98	SAC	132-64-9	1	J
Diethylphthalate	ND	ug/kg	330	30.341	05/16/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/16/98	SAC	131-11-3		U
Fluoranthene	780	ug/kg	330	40.659	05/16/98	SAC	206-44-0		
Fluorene	trace	ug/kg	330	39.123	05/16/98	SAC	86-73-7	1	J
Hexachlorobenzene	ND	ug/kg	330	41.678	05/16/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/16/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/16/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/16/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	330	39.938	05/16/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	330	30.158	05/16/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/16/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/16/98	SAC	86-30-6		U
Naphthalene	trace	ug/kg	330	26.144	05/16/98	SAC	91-20-3	1	J
Nitrobenzene	ND	ug/kg	330	33.247	05/16/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/16/98	SAC	87-86-5		U
Phenanthrene	1100	ug/kg	330	39.463	05/16/98	SAC	85-01-8		
Phenol	ND	ug/kg	330	49.142	05/16/98	SAC	108-95-2		U
Pyrene	550	ug/kg	330	34.334	05/16/98	SAC	129-00-0		
2,4,6-Tribromophenol (S)	76	%		*	05/16/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	79	%		*	05/16/98	SAC	321-60-8		
2-Fluorophenol (S)	65	%		*	05/16/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	68	%		*	05/16/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630259 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L6-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	71	%		*	05/16/98	SAC	13127-88-3		
Terphenyl-d14 (S)	74	%		*	05/16/98	SAC	1718-51-0		
Date Extracted	05/13/98			*		SAC			
Total EPA 8270	2430								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630267 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L6-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270						Prep Method: EPA 8270		
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/16/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/16/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/16/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/16/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/16/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/16/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/16/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/16/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/16/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/16/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/16/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/16/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/16/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/16/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/16/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/16/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/16/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/16/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/16/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/16/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/16/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/16/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630267 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L6-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/16/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.853	05/16/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/16/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/16/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/16/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/16/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/16/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/16/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/16/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.830	05/16/98	SAC	56-55-3	1	J
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/16/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/16/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	trace	ug/kg	330	38.814	05/16/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/16/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/16/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/16/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/16/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/16/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.604	05/16/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/16/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/16/98	SAC	85-68-7		U
Chrysene	360	ug/kg	330	49.277	05/16/98	SAC	218-01-9		
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/16/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/16/98	SAC	117-84-0		U

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630267 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: L6-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/16/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.864	05/16/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/16/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/16/98	SAC	131-11-3		U
Fluoranthene	470	ug/kg	330	40.659	05/16/98	SAC	206-44-0		
Fluorene	ND	ug/kg	330	39.123	05/16/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/16/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/16/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/16/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/16/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	330	39.938	05/16/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	330	30.158	05/16/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/16/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/16/98	SAC	86-30-6		U
Naphthalene	trace	ug/kg	330	26.144	05/16/98	SAC	91-20-3	1	J
Nitrobenzene	ND	ug/kg	330	33.247	05/16/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/16/98	SAC	87-86-5		U
Phenanthrene	410	ug/kg	330	39.463	05/16/98	SAC	85-01-8		
Phenol	ND	ug/kg	330	49.142	05/16/98	SAC	108-95-2		U
Pyrene	1200	ug/kg	330	34.334	05/16/98	SAC	129-00-0		
2,4,6-Tribromophenol (S)	50	%		*	05/16/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	62	%		*	05/16/98	SAC	321-60-8		
2-Fluorophenol (S)	51	%		*	05/16/98	SAC	367-12-4		
Nitrobenzene d5 (S)	60	%		*	05/16/98	SAC	4165-60-0		

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630267 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: LS-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	59	%		*	05/16/98	SAC	13127-88-3		
Terphenyl-d14 (S)	106	%		*	05/16/98	SAC	1718-51-0		
Date Extracted	05/13/98			*		SAC			
Total EPA 8270	2440								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630275 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L8-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	350	28.298	05/20/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	350	42.949	05/20/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	350	33.774	05/20/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	350	28.915	05/20/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	350	58.297	05/20/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	350	56.385	05/20/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	350	46.002	05/20/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	350	176.88	05/20/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1700	48.688	05/20/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	350	37.884	05/20/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	350	39.631	05/20/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	350	34.710	05/20/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	350	46.731	05/20/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	350	28.476	05/20/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	350	101.16	05/20/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1700	40.520	05/20/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	350	34.313	05/20/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	700	25.785	05/20/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1700	35.956	05/20/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1700	38.170	05/20/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	350	50.399	05/20/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	700	41.944	05/20/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630275 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L8-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	700	29.584	05/20/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	350	19.114	05/20/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	350	96.383	05/20/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1700	44.135	05/20/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1700	30.998	05/20/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	350	31.222	05/20/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	350	32.092	05/20/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	350	38.347	05/20/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	350	41.502	05/20/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	350	42.619	05/20/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	350	39.782	05/20/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	350	76.719	05/20/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	350	41.531	05/20/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	350	53.602	05/20/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1700	283.54	05/20/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	700	78.377	05/20/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	350	30.770	05/20/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	350	30.580	05/20/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	350	46.753	05/20/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	350	64.791	05/20/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	350	92.168	05/20/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	350	52.726	05/20/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	350	68.006	05/20/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	350	97.464	05/20/98	SAC	117-84-0		U

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630275 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L8-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	350	40.626	05/20/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	350	34.116	05/20/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	350	32.465	05/20/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	350	31.141	05/20/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	350	43.505	05/20/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	350	41.862	05/20/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	350	44.596	05/20/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	350	35.846	05/20/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	350	93.669	05/20/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	350	31.708	05/20/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	350	42.734	05/20/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	350	32.269	05/20/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	350	40.385	05/20/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	350	52.754	05/20/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	350	27.975	05/20/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	350	35.574	05/20/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1700	51.388	05/20/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	350	42.225	05/20/98	SAC	85-01-8		U
Phenol	ND	ug/kg	350	52.582	05/20/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	350	36.737	05/20/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	85	%		*	05/20/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	61	%		*	05/20/98	SAC	321-60-8		
2-Fluorophenol (S)	68	%		*	05/20/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	59	%		*	05/20/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630275 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L8-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	65	%		*	05/20/98	SAC	13127-88-3		
Terphenyl-d14 (S)	89	%		*	05/20/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630283 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L8-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/20/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/20/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/20/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/20/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/20/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.695	05/20/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/20/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/20/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/20/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/20/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/20/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/20/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/20/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/20/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/20/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/20/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/20/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/20/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/20/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/20/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/20/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/20/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630283 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L8-2 0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4 Chloroaniline	ND	ug/kg	660	27.649	05/20/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/20/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/20/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/20/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/20/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/20/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/20/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/20/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/20/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/20/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/20/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/20/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/20/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/20/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/20/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/20/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/20/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/20/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/20/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/20/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/20/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/20/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/20/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/20/98	SAC	117-84-0		U

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630283 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L8-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/20/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/20/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/20/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/20/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/20/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/20/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/20/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/20/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/20/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/20/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/20/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/20/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/20/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/20/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/20/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/20/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/20/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/20/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/20/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/20/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	104	%		*	05/20/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	76	%		*	05/20/98	SAC	321-60-8		
2-Fluorophenol (S)	88	%		*	05/20/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	75	%		*	05/20/98	SAC	4165-60-0		

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630283 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L8-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	81	%		*	05/20/98	SAC	13127-88-3		
Terphenyl-d14 (S)	110	%		*	05/20/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10030291 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L9-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
3C – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/20/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	0.0101	05/20/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/20/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/20/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/20/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/20/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0017	05/20/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	77	%		*	05/20/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	90	%		*	05/20/98	DKP	877-09-8		
Date Extracted	05/15/98			*		DKP			
Total EPA 8080	ND								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630291 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L9-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	1100	85.688	05/20/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	1100	130.05	05/20/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	1100	102.26	05/20/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	1100	87.557	05/20/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	1100	176.52	05/20/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	1100	170.73	05/20/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	1100	139.29	05/20/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	1100	535.61	05/20/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	5200	147.43	05/20/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	1100	114.71	05/20/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	1100	120.61	05/20/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	1100	105.10	05/20/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	1100	141.50	05/20/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	1100	86.226	05/20/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	1100	305.33	05/20/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	5200	122.69	05/20/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	1100	103.90	05/20/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	2100	78.080	05/20/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	5200	108.87	05/20/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	5200	115.58	05/20/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	1100	152.61	05/20/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	2100	127.01	05/20/98	SAC	59-50-7		U

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630291 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L9-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	2100	89.583	05/20/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	1100	57.878	05/20/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	1100	291.86	05/20/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	5200	133.64	05/20/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	5200	93.866	05/20/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	1100	97.177	05/20/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	1100	94.542	05/20/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	1100	116.11	05/20/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	1100	125.67	05/20/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	1100	129.05	05/20/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	1100	117.43	05/20/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	1100	232.30	05/20/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	1100	125.75	05/20/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	1100	162.30	05/20/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	5200	658.57	05/20/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	2100	237.33	05/20/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	1100	93.175	05/20/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	1100	92.598	05/20/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	1100	141.57	05/20/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	1100	196.18	05/20/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	1100	279.08	05/20/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	1100	159.65	05/20/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	1100	205.92	05/20/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	1100	295.12	05/20/98	SAC	117-84-0		U

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DATE: 05/27/98
PAGE: 66

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630291 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L9-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	1100	123.01	05/20/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	1100	103.30	05/20/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	1100	98.305	05/20/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	1100	94.298	05/20/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	1100	131.73	05/20/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	1100	126.76	05/20/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	1100	136.03	05/20/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	1100	108.54	05/20/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	1100	283.63	05/20/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	1100	96.014	05/20/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	1100	129.40	05/20/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	1100	97.714	05/20/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	1100	122.28	05/20/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	1100	159.74	05/20/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	1100	84.709	05/20/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	1100	107.72	05/20/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	5200	166.60	05/20/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	1100	127.86	05/20/98	SAC	85-01-8		U
Phenol	ND	ug/kg	1100	159.22	05/20/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	1100	111.24	05/20/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	71	%		*	05/20/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	59	%		*	05/20/98	SAC	321-60-8		
2-Fluorophenol (S)	62	%		*	05/20/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	67	%		*	05/20/98	SAC	4165-60-0		

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Pace Project Number: 10/312
Client Project ID: 980508-07

Pace Sample No.: 10630291 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L9-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	62	%		*	05/20/98	SAC	13127-88-3		
Terphenyl-d14 (S)	78	%		*	05/20/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630309 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L9-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/20/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	0.0101	05/20/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/20/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/20/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/20/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/20/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/20/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	117	%		*	05/20/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	113	%		*	05/20/98	DKP	877-09-8		
Date Extracted	05/15/98			*		DKP			
Total EPA 8080	ND								

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630309 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L9-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/20/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/20/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/20/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/20/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/20/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/20/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/20/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/20/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/20/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/20/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/20/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/20/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/20/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	25.613	05/20/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/20/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/20/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/20/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/20/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/20/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/20/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/20/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/20/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630309 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L9-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/20/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/20/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/20/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/20/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/20/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	05/20/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	05/20/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/20/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/20/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/20/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/20/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/20/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/20/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/20/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/20/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/20/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/20/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/20/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/20/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/20/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/20/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/20/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/20/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/20/98	SAC	117-84-0		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No : 10630309 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L9-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/20/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/20/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/20/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/20/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/20/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/20/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/20/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/20/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/20/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/20/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/20/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/20/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/20/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/20/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/20/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/20/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/20/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/20/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/20/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/20/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	93	%		*	05/20/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	77	%		*	05/20/98	SAC	321-60-8		
2-Fluorophenol (S)	85	%		*	05/20/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	77	%		*	05/20/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630309 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L0-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	79	%		*	05/20/98	SAC	13127-88-3		
Terphenyl-d14 (S)	97	%		*	05/20/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630317 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L10-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/21/98	SAC	59-50-7		U

" Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630317 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L10-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/21/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/21/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/21/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/21/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/21/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/21/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/21/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/21/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/21/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/21/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	83.556	05/21/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/21/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630317
Client Sample ID: L10-S

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/21/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/21/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/21/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	107	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	119	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	58	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	106	%		*	05/21/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630317 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L10-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	91	%		*	05/21/98	SAC	13127-88-3		
Terphenyl-d14 (S)	98	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630325 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L10-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/20/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/20/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/20/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/20/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/20/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/20/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/20/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	166.31	05/20/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/20/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/20/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/20/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/20/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/20/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/20/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/20/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/20/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/20/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/20/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/20/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/20/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/20/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/20/98	SAC	59-50-7		U

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Tel: 612-617-6400
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Pace Project Number: 107312
Client Project ID: 980508-07

ace Sample No.: 10630325 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L10-2.0 Date Received: 05/11/98

arameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/20/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/20/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/20/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/20/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/20/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/20/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/20/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/20/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/20/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/20/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/20/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/20/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/20/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/20/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/20/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/20/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/20/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/20/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/20/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/20/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/20/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/20/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/20/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/20/98	SAC	117-84-0		U

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630325 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L10-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/20/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/20/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/20/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/20/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/20/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/20/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/20/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/20/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/20/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/20/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/20/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/20/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/20/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/20/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/20/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/20/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/20/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/20/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/20/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/20/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	101	%		*	05/20/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	74	%		*	05/20/98	SAC	321-60-8		
2-Fluorophenol (S)	80	%		*	05/20/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	72	%		*	05/20/98	SAC	4165-60-0		

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630325 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: LTO-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d5 (S)	78	%		*	05/20/98	SAC	13127-88-3		
Terphenyl-d14 (S)	106	%		*	05/20/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630333 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L11-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/20/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	0.0101	05/20/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/20/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/20/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/20/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/20/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	0.13	mg/kg	0.033	0.0917	05/20/98	DKP	11096-82-5		
Decachlorobiphenyl (S)	107	%		*	05/20/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	83	%		*	05/20/98	DKP	877-09-8		
Date Extracted	05/15/98			*		DKP			
Total EPA 8080	0.13								

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630333 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L11-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	540	43.373	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	540	65.829	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	540	51.765	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	540	44.319	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	540	89.393	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	540	86.422	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	540	70.508	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	540	271.11	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	2600	74.625	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	540	58.066	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	540	61.050	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	540	53.200	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	540	71.626	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	540	43.645	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	540	155.06	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	2600	62.106	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	540	62.592	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1100	39.522	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	2600	55.111	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	2600	68.504	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	540	77.247	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1100	64.289	05/21/98	SAC	59-50-7		U

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630333 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L11-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	1100	45.344	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	540	29.296	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	540	147.72	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	2600	67.646	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	2600	47.512	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	540	47.954	05/21/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	540	49.188	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	540	58.776	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	540	63.610	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	540	65.322	05/21/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	540	59.442	05/21/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	540	117.58	05/21/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	540	63.656	05/21/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	540	62.156	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	2600	434.58	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1100	120.13	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	540	47.162	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	540	46.870	05/21/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	540	71.659	05/21/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	540	99.305	05/21/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	540	141.26	05/21/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	540	80.814	05/21/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	540	104.23	05/21/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	540	149.38	05/21/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630333 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L11-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	540	62.268	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	540	52.290	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	540	49.759	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	540	47.731	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	540	66.681	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	540	64.163	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	540	68.352	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	540	54.942	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	540	143.56	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	540	48.599	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	540	65.499	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	540	49.460	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	540	61.899	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	540	80.856	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	540	42.877	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	540	54.525	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	2600	78.764	05/21/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	540	64.719	05/21/98	SAC	85-01-8		U
Phenol	ND	ug/kg	540	80.594	05/21/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	540	56.308	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	75	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	63	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	59	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	61	%		*	05/21/98	SAC	4165-60-0		

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630333 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L11-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	61	%		*	05/21/98	SAC	13127-88-3		
Terphenyl-d14 (S)	80	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630341 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L11-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/20/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	0.0101	05/20/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/20/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/20/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/20/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/20/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/20/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	105	%		*	05/20/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	103	%		*	05/20/98	DKP	877-09-8		
Date Extracted	05/15/98			*		DKP			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630341
Client Sample ID: L11-2.0

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	640	50.778	05/20/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	640	77.068	05/20/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	640	60.604	05/20/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	640	51.885	05/20/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	640	104.60	05/20/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	640	101.17	05/20/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	640	82.546	05/20/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	640	317.39	05/20/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3100	87.366	05/20/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	640	67.979	05/20/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	640	71.473	05/20/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	640	62.283	05/20/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	640	83.854	05/20/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	640	51.097	05/20/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	640	181.53	05/20/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	3100	72.710	05/20/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	640	61.571	05/20/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	46.269	05/20/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	3100	64.520	05/20/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3100	68.493	05/20/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	640	90.436	05/20/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	75.265	05/20/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630341
Client Sample ID: L11-2.0
Date Collected: 05/07/98
Date Received: 05/11/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	1300	53.086	05/20/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	640	34.298	05/20/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	640	172.94	05/20/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	3100	79.195	05/20/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	3100	55.624	05/20/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	640	56.025	05/20/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	640	57.586	05/20/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	640	68.811	05/20/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	640	74.471	05/20/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	640	76.475	05/20/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	640	69.591	05/20/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	640	137.66	05/20/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	640	74.524	05/20/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	640	96.183	05/20/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	3100	508.78	05/20/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	140.64	05/20/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	640	55.214	05/20/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	640	54.873	05/20/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	640	83.893	05/20/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	640	116.26	05/20/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	640	165.38	05/20/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	640	94.612	05/20/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	640	122.02	05/20/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	640	174.88	05/20/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630341 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L11-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	640	72.899	05/20/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	640	61.217	05/20/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	640	58.255	05/20/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	640	55.880	05/20/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	640	78.065	05/20/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	640	75.117	05/20/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	640	80.022	05/20/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	640	64.322	05/20/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	640	168.07	05/20/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	640	56.897	05/20/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	640	76.682	05/20/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	640	57.904	05/20/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	640	72.468	05/20/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	640	94.661	05/20/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	640	50.198	05/20/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	640	63.835	05/20/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	3100	92.211	05/20/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	640	75.769	05/20/98	SAC	85-01-8		U
Phenol	ND	ug/kg	640	94.354	05/20/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	640	65.922	05/20/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	75	%		*	05/20/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	52	%		*	05/20/98	SAC	321-60-8		
2-Fluorophenol (S)	67	%		*	05/20/98	SAC	367-12-4		
Nitrobenzene d5 (S)	59	%		*	05/20/98	SAC	4165-60-0		

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10030341 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L11-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	63	%		*	05/20/98	SAC	13127-88-3		
Terphenyl-d14 (S)	70	%		*	05/20/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630366 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L12-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/21/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10530366 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L12-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/21/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/21/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/21/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/21/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/21/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.005	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/21/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/21/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/21/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/21/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/21/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/21/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/21/98	SAC	117-84-0		U

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630366
Client Sample ID: L12-S
Date Collected: 05/07/98
Date Received: 05/11/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	28.144	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/21/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/21/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/21/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	74	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	62	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	56	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	60	%		*	05/21/98	SAC	4165-60-0		

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recoghized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630366 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L12-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	57	%		*	05/21/98	SAC	13127-88-3		
Terphenyl-d14 (S)	62	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630374 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L12-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/20/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/20/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/20/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/20/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/20/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/20/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/20/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/20/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/20/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/20/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/20/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/20/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/20/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/20/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/20/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/20/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/20/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/20/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/20/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/20/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/20/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/20/98	SAC	59-50-7		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630374 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L12-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/20/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/20/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/20/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/20/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/20/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/20/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/20/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/20/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/20/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/20/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/20/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/20/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/20/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/20/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/20/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/20/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/20/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/20/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/20/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/20/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/20/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/20/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/20/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/20/98	SAC	117-84-0		U

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630374 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L12-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/20/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/20/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/20/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/20/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/20/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/20/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/20/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/20/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/20/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/20/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/20/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/20/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/20/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/20/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/20/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/20/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	46.026	05/20/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/20/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/20/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/20/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	91	%		*	05/20/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	76	%		*	05/20/98	SAC	321-60-8		
2-Fluorophenol (S)	91	%		*	05/20/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	78	%		*	05/20/98	SAC	4165-60-0		

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630374 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L12-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d5 (S)	75	%		*	05/20/98	SAC	13127-88-3		
Terphenyl-d14 (S)	92	%		*	05/20/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630387 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L13-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/20/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	0.0101	05/20/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/20/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/20/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/20/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/20/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/20/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	91	%		*	05/20/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	98	%		*	05/20/98	DKP	877-09-8		
Date Extracted	05/15/98			*		DKP			
Total EPA 8080	ND								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630382 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L13-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	570	45.753	05/20/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	570	69.441	05/20/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	570	54.606	05/20/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	570	46.751	05/20/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	570	94.256	05/20/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	570	91.165	05/20/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	570	74.378	05/20/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	570	285.98	05/20/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	2800	78.720	05/20/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	570	61.252	05/20/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	570	64.400	05/20/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	570	66.120	05/20/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	570	75.556	05/20/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	570	46.040	05/20/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	570	163.56	05/20/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	2800	65.514	05/20/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	570	55.478	05/20/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1100	41.691	05/20/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	2800	58.135	05/20/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	2800	61.715	05/20/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	570	91.487	05/20/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1100	67.817	05/20/98	SAC	59-50-7		U

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DATE: 05/27/98
PAGE: 101

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630382 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L13-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	1100	47.833	05/20/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	570	30.904	05/20/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	570	155.83	05/20/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	2800	71.358	05/20/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	2800	50.119	05/20/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	570	50.480	05/20/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	570	51.888	05/20/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	570	62.001	05/20/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	570	67.101	05/20/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	570	68.907	05/20/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	570	62.704	05/20/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	570	124.04	05/20/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	570	67.149	05/20/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	570	86.665	05/20/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	2800	458.43	05/20/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1100	126.72	05/20/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	570	49.750	05/20/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	570	49.443	05/20/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	570	75.591	05/20/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	570	104.75	05/20/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	570	149.01	05/20/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	570	85.249	05/20/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	570	109.95	05/20/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	570	157.58	05/20/98	SAC	117-84-0		U

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630382 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L13-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	570	65.685	05/20/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	570	55.159	05/20/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	570	52.490	05/20/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	570	50.350	05/20/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	570	70.340	05/20/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	570	67.684	05/20/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	570	72.103	05/20/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	570	57.957	05/20/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	570	151.44	05/20/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	570	51.266	05/20/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	570	69.093	05/20/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	570	52.174	05/20/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	570	66.296	05/20/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	570	85.294	05/20/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	570	45.230	05/20/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	570	57.518	05/20/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	2800	83.086	05/20/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	570	68.271	05/20/98	SAC	85-01-8		U
Phenol	ND	ug/kg	570	85.017	05/20/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	570	59.398	05/20/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	93	%		*	05/20/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	75	%		*	05/20/98	SAC	321-60-8		
2-Fluorophenol (S)	67	%		*	05/20/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	68	%		*	05/20/98	SAC	4165-60-0		

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630382 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L13-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	68	%		*	05/20/98	SAC	13127-88-3		
Terphenyl-d14 (S)	100	%		*	05/20/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630390 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L13-2,0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/19/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	0.0101	05/19/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/19/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/19/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/19/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/19/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/19/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	135	%		*	05/19/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	119	%		*	05/19/98	DKP	877-09-8		
Date Extracted	05/15/98			*		DKP			
Total EPA 8080	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630390 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L13-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.948	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.058	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/21/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630390 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L13-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	05/21/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/21/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/21/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/21/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/21/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.26	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/21/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/21/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/21/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/21/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/21/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/21/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/21/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630390 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L13-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/21/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/21/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/21/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	108	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	77	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	74	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	71	%		*	05/21/98	SAC	4165-60-0		

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630390
Client Sample ID: L13-2.0

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	78	%		*	05/21/98	SAC	13127-88-3		
Terphenyl-d14 (S)	126	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630408 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L14-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/21/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630408
Client Sample ID: L14-S

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroanilino	ND	ug/kg	660	27.649	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/21/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.830	05/21/98	SAC	56-55-3	1	J
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/21/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/21/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/21/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/21/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.894	05/21/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/21/98	SAC	117-81-7		U
Butylbenzylphthalate	trace	ug/kg	330	86.138	05/21/98	SAC	85-68-7	1	J
Chrysene	trace	ug/kg	330	49.277	05/21/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.560	05/21/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/21/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630408
Client Sample ID: L14-S

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/21/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	330	40.659	05/21/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	330	39.123	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.936	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/21/98	SAC	87-86-5		U
Phenanthrene	trace	ug/kg	330	39.463	05/21/98	SAC	85-01-8	1	J
Phenol	ND	ug/kg	330	49.142	05/21/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	34.334	05/21/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	56	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	58	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	30	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	53	%		*	05/21/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630408
Client Sample ID: L14-S

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	48	%		*	05/21/98	SAC	13127-88-3		
Terphenyl-d14 (S)	49	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630416 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L14-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/20/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/20/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/20/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/20/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/20/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/20/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/20/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/20/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/20/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/20/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/20/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/20/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/20/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/20/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/20/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/20/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/20/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/20/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/20/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/20/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/20/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/20/98	SAC	59-50-7		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630416 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L14-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/20/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/20/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/20/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/20/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/20/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/20/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/20/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/20/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/20/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/20/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/20/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/20/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/20/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/20/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/20/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/20/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/20/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/20/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/20/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/20/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/20/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/20/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/20/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/20/98	SAC	117-84-0		U

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630416
Client Sample ID: L14-2.0

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/20/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/20/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/20/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/20/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/20/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/20/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.679	05/20/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/20/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/20/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/20/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/20/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/20/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/20/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/20/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/20/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/20/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/20/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/20/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/20/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/20/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	82	%		*	05/20/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	84	%		*	05/20/98	SAC	321-60-8		
2-Fluorophenol (S)	41	%		*	05/20/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	71	%		*	05/20/98	SAC	4165-60-0		

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630416 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L14-2.0 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	66	%		*	05/20/98	SAC	13127-88-3		
Terphenyl-d14 (S)	68	%		*	05/20/98	SAC	1718-51-0		
Date Extracted	05/16/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630424 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L7-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/19/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	0.0101	05/19/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/19/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/19/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/19/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	0.034	mg/kg	0.033	*	05/19/98	DKP	11097-69-1		
PCB-1260 (Arochlor 1260)	0.043	mg/kg	0.033	0.0917	05/19/98	DKP	11096-82-5		
Decachlorobiphenyl (S)	105	%		*	05/19/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	89	%		*	05/19/98	DKP	877-09-8		
Date Extracted	05/15/98			*		DKP			
Total EPA 8080	**0.077**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630424
Client Sample ID: L7-S

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/22/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/22/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/22/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/22/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/22/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/22/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/22/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/22/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/22/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/22/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.226	05/22/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/22/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/22/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/22/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/22/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/22/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/22/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/22/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/22/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/22/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/22/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/22/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630424 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L7-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/22/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/22/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/22/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/22/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/22/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/22/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/22/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/22/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/22/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.830	05/22/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	330	36.245	05/22/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	trace	ug/kg	330	71.700	05/22/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	trace	ug/kg	330	38.814	05/22/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/22/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/22/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/22/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/22/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/22/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/22/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	300	ug/kg	330	60.552	05/22/98	SAC	117-81-7	2	B
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/22/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	49.277	05/22/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/22/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/22/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630424
Client Sample ID: L7-S

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/22/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/22/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/22/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/22/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.059	05/22/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/22/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/22/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/22/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/22/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/22/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	330	39.938	05/22/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	330	30.158	05/22/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/22/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/22/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/22/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/22/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/22/98	SAC	87-86-5		U
Phenanthrene	trace	ug/kg	330	39.483	05/22/98	SAC	85-01-8	1	J
Phenol	ND	ug/kg	330	49.142	05/22/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/22/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	76	%		*	05/22/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	86	%		*	05/22/98	SAC	321-60-8		
2-Fluorophenol (S)	34	%		*	05/22/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	68	%		*	05/22/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-6400
Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107312
Client Project ID: 980508-07

Pace Sample No.: 10630424 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: L7-S Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	62	%		*	05/22/98	SAC	13127-88-3		
Terphenyl-d14 (S)	79	%		*	05/22/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	**300**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107312
Client Project ID: 980508-07

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[2]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Page 1 of 4

423110

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace LB / PSI-Hayward
Address:
Phone:
Sampled By (PRINT):
Sampler Signature:
Date Sampled: 5/6/98

Report to: R. Villafania
Bill To:
P.O. # / Billing Reference:
Project Name / No: CT 860001

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [x] 1 Week (2 Weeks)
- [ ] Normal 14 Days

Pace Client No.:
Pace Project Manager: RV
Pace Project No.: 980508-07
*Requested Due Date: 22 May 98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8260	REMARKS
1	L1-S		S	9712	1						X	
2	L1-2.0		S		1						X	
3	L2-S		S		1						X	
4	L2-2.0		S		1						X	
5	L3-S		S	9720	1						X	
6	L3-2.0		S	9733	1						X	
7	L4-S		S	9803	1						X	
8	L4-2.0		S		1						X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
FEDEX			

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1,5-7	Fed Ex			Fed Ex	5/8/98	0900

SAMPLE CONDITION

Temp: ___ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

8-97

Pace Analytical

Pg 2 of 4

423111

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace LB / PSI-Hayward
Address:
Phone:
Sampled By (PRINT):
Sampler Signature: 5/6/98 (Date Sampled)

Report To: R. Villafania
Bill To:
P.O. # / Billing Reference:
Project Name / No.: CT.86001

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [x] 1 Week (2 Weeks)
- [ ] Normal 14 Days

Pace Client No:
Pace Project Manager: RV
Pace Project No.: 980508-07
*Requested Due Date: 22 May 98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8260	REMARKS
1	LS-S		S	9811	1						X	
2	LS-2-0		S	9829	1						X	
3	L6-S		S	9837	1						X	
4	L6-2-0		S		1						X	
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
FEDEX			

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1-3	Ted Ly			Ted Ly		
				Connie Lorbeer	5/12/98	0900

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Face Analytical

Ps 3 of 4

423112

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace LB / PSI-Hayward
Address:
Phone:
Sampled By (PRINT):
Sampler Signature:
Date Sampled: 5/7/98

Report To: P. Villafana
Bill To:
P.O. # / Billing Reference:
Project Name / No.: CT 8600)

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [x] 1 Week (2 Weeks)
- [ ] Normal 14 Days

Pace Client No.:
Pace Project Manager: RV
Pace Project No.: 980508-07
*Requested Due Date: 22 May 98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSIS REQUEST: 8260
	L8-S		S	9852	1						X
	L8-2.0		S		1						X
	L9-S		S		1						X
	L9-2.0		S		1						X
	L10-S		S	9860	1						X
	L10-2.0		S	9008?	1						X
	L11-S		S		1						X
	L11-2.0		S		1						X

REMARKS

Rec'd 5/12 Rec'd 2 vials

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
FEDEX			

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Fed Ex			Fed Ex		
				Dennis Lankford 5/12/98		0900

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

8/97

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Ps 4 of 4

423113

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace LB / PSI - Hayward
Address:
Phone:
Sampled By (PRINT):
Sampler Signature: 5/7/98 (Date Sampled)

Report To: R. Villafania
Bill To:
P.O # / Billing Reference:
Project Name / No.: CT 86001

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [X] 1 Week (2 Weeks)
- [ ] Normal 14 Days

Pace Client No.: 602159b
Pace Project Manager: RV
Pace Project No.: 980508-07
*Requested Due Date: 22 May 98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8260	REMARKS
1	L12-S		S	9818	1						X	
2	L12-2.0		S	9886	1						X	
3	L13-S		S	9894	1						X	
4	L13-2.0		S		1						X	
5	L14-S		S		1						X	
6	L14-2.0		S	9902	1						X	
7	L7-S		S	10074	1						X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
FEDEX			

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1-3, L	[signature] Fed Ex			[signature] Fed Ex Courier	5/8/98	0902

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

SITE INVESTIGATION REPORT
VOLUME 4 (APPENDIX C)

WEST APPROACH PROJECT INCLUDING
TRANSBAY TERMINAL LOOP
SAN FRANCISCO, CALIFORNIA

prepared for

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
111 Grand Avenue
Oakland, California

Task Order Number: 04-133331-DC
EA Number: 133331

prepared by

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
Environmental Engineering Branch
&
Professional Service Industries, Inc.
1320 West Winton Avenue
Hayward, California 94545
(510) 785-1111

June, 1999
575-8G001

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980508-08
PACE ANALYTICAL WO #: 13163A
Client ID #: 8G001 SFW

Date: 6/5/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/07/98 and received on 05/08/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
BTEX (Soil)	2-3
CCR Metals (Soil)	4-9
TPH-Speciation (Soil)	10-13
List of Abbreviations and Definitions	14

In addition the analyses for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562 498-9515
fax: 562-597-0786

Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/11/98		05/11/98	05/11/98			
Analyte							
Benzene	95	74-116	92	88	72-115	4.4	0-26
Toluene	98	73-116	95	92	70-114	3.2	0-22
Ethylbenzene	100	75-118	98	94	68-119	4.2	0-24
Total Xylenes	100	78-120	99	93	74-117	6.2	0-22

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PACE ANALYTICAL Project#:980508-08
PACE ANALYTICAL WO#:13183A
Client ID#:BG001 SFW

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T-27-2-SUR	T-27-2-2	T-27-2-4	T-27-2-10	T-27-2-15	T-27-2-20	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98		
Analyte:								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	7.0	7.0	<5.0	<5.0	<5.0	6.9	5.0	6010
Barium (Ba)	180	180	130	110	160	190	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.5	0.7	<0.5	<0.5	<0.5	0.7	0.5	6010
Chromium (Cr)	24	21	14	13	18	19	0.5	6010
Cobalt (Co)	12	13	12	4.3	3.5	12	1.0	6010
Copper (Cu)	21	29	23	8.8	22	30	2.5	6010
Lead (Pb)	63	65	9.7	20	110	76	1.0	6010
Mercury (Hg)	0.58	0.09	0.61	0.05	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	27	31	27	13	16	28	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	5.7	<5.0	<5.0	<5.0	5.1	5.0	6010
Vanadium (V)	24	20	13	17	20	20	0.5	6010
Zinc (Zn)	68	91	51	36	54	110	10	6010
DF	1	1	1	1	1	1		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gitman St.
Long Beach, CA 90815
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Pace Analytical

PACE ANALYTICAL Project#:980508-08
PACE ANALYTICAL WO#:13163A
Client ID#:8G001 SFW

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T-27-2-25	T-27-2-30	T-27-2-35	T-27-1-SUR	T-27-1-3	T-27-1-5	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	6.4	5.9	5.9	<5.0	<5.0	5.0	6010
Barium (Ba)	160	140	320	120	160	67	10	6010
Beryllium (Be)	<0.5	0.6	0.6	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.6	0.6	0.6	0.6	<0.5	0.5	6010
Chromium (Cr)	20	21	16	23	13	22	0.5	6010
Cobalt (Co)	7.9	11	11	8.4	5.7	4.1	1.0	6010
Copper (Cu)	30	27	24	19	23	14	2.5	6010
Lead (Pb)	88	15	15	43	180	17	1.0	6010
Mercury (Hg)	0.13	0.16	<0.05	0.10	0.13	0.11	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	22	30	27	23	17	25	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	5.0	6.4	6.1	<5.0	<5.0	5.0	6010
Vanadium (V)	17	20	18	26	13	16	0.5	6010
Zinc (Zn)	330	61	62	58	160	35	10	6010
DF	1	1	1	1	1	1		

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980508-06
PACE ANALYTICAL WO#:13163A
Client ID#:EC001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T-27-1-10	T-27-1-15	T-27-1-20	T-27-1-25	R4-1-SUR	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	5.4	6.3	<5.0	5.0	6010
Barium (Ba)	150	130	150	190	170	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.5	6010
Chromium (Cr)	29	34	26	18	24	<0.5	0.5	6010
Cobalt (Co)	8.9	8.3	8.8	7.9	10	<1.0	1.0	6010
Copper (Cu)	23	20	16	18	26	<2.5	2.5	6010
Lead (Pb)	35	640	31	27	63	<1.0	1.0	6010
Mercury (Hg)	<0.05	0.42	<0.05	0.08	0.48	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	29	27	23	22	27	<1.0	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	24	25	23	20	22	<0.5	0.5	6010
Zinc (Zn)	64	68	55	59	73	<10	10	6010
DF	1	1	1	1	1	1		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/15/98		05/15/98	05/15/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	86	70-130	27*	25*	60-130	7.7	0-25
Arsenic (As)	6010	86	78-104	71	78	34-135	9.4	0-15
Barium (Ba)	6010	101	81-117	84	91	55-130	8.0	0-25
Beryllium (Be)	6010	87	70-130	77	79	70-130	2.6	0-25
Cadmium (Cd)	6010	84	75-104	68*	72*	73-115	5.7	0-15
Chromium (Cr)	6010	88	81-103	75	82	62-125	8.9	0-15
Cobalt (Co)	6010	87	70-130	76	74	70-130	2.7	0-25
Copper (Cu)	6010	88	70-130	97	118	70-140	20	0-25
Lead (Pb)	6010	84	76-104	60	68	48-120	13	0-30
Mercury (Hg)	7471	98	76-121	100	96	70-135	2.0	0-30
Molybdenum (Mo)	6010	90	70-130	66*	66*	70-130	0.0	0-25
Nickel (Ni)	6010	85	70-130	69*	77	70-130	11	0-25
Selenium (Se)	6010	86	79-102	67	72	42-120	7.2	0-16
Silver (Ag)	6010	92	77-107	72	76	53-115	5.4	0-19
Thallium (Tl)	6010	90	70-130	73	80	70-130	9.2	0-25
Vanadium (V)	6010	90	70-130	75	84	70-130	10	0-25
Zinc (Zn)	6010	86	70-130	68*	74	70-130	8.5	0-25

*Sample matrix effect

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980508-08
PACE ANALYTICAL WO#:13103A
Client ID#:8G001 SFW

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/25 TTLC METALS

Client ID:	R4-1-2	R4-1-5	R4-1-10	R4-1-15	R4-1-20	R4-1-25	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98		
Analyte									
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	6.6	<5.0	<5.0	<5.0	<5.0	5.1	<5.0	5.0	6010
Barium (Ba)	220	120	91	170	320	350	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.5	0.9	<0.5	0.5	6010
Cadmium (Cd)	0.7	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.5	6010
Chromium (Cr)	33	37	54	41	15	21	<0.5	0.5	6010
Cobalt (Co)	14	16	8.7	11	10	7.5	<1.0	1.0	6010
Copper (Cu)	33	16	10	28	12	31	<2.5	2.5	6010
Lead (Pb)	80	61	25	43	47	14	<1.0	1.0	6010
Mercury (Hg)	0.08	0.13	0.06	0.13	0.21	0.07	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	40	29	31	35	20	31	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	7.2	<5.0	<5.0	<5.0	<5.0	6.5	<5.0	5.0	6010
Vanadium (V)	28	28	43	34	20	21	<0.5	0.5	6010
Zinc (Zn)	95	61	37	83	62	67	<10	10	6010
DF	1	1	1	1	1	1	1		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980508-08
PACE ANALYTICAL WO#:13163A
Client ID#:8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/15/98		05/15/98	05/15/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	83	70-130	42*	41*	60-130	2.4	0-25
Arsenic (As)	6010	87	78-104	84	85	34-135	1.2	0-15
Barium (Ba)	6010	93	81-117	80	80	56-130	0.0	0-25
Beryllium (Be)	6010	86	70-130	83	82	70-130	1.2	0-25
Cadmium (Cd)	6010	86	75-104	82	83	73-115	1.2	0-15
Chromium (Cr)	6010	90	81-103	80	86	62-125	7.2	0-15
Cobalt (Co)	6010	87	70-130	89*	74	70-130	7.0	0-25
Copper (Cu)	6010	88	70-130	77	77	70-140	0.0	0-25
Lead (Pb)	6010	85	78-104	78	78	48-120	0.0	0-30
Mercury (Hg)	7471	96	78-121	100	87	70-135	13	0-30
Molybdenum (Mo)	6010	90	70-130	78	78	70-130	0.0	0-25
Nickel (Ni)	6010	87	70-130	62*	74	70-130	18	0-25
Selenium (Se)	6010	86	79-102	82	80	42-120	2.5	0-18
Silver (Ag)	6010	89	77-107	82	82	53-115	0.0	0-19
Thallium (Tl)	6010	92	70-130	76	81	70-130	6.4	0-25
Vanadium (V)	6010	89	70-130	80	81	70-130	1.2	0-25
Zinc (Zn)	6010	89	70-130	77	81	70-130	5.1	0-25

* Sample matrix effect.

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	PRL mg/Kg	DF
Client ID:	Analysis Date			
Method Blank	05/12/98	<10	10	1
R4-1-15	05/12/98	<10	10	1
R4-1-20	05/12/98	<10	10	1
R4-1-25	05/12/98	<10	10	1
T-27-1-15	05/12/98	<10	10	1
T-27-1-20	05/12/98	<10	10	1
T-27-1-25	05/12/98	<10	10	1
R4-1-SUR	05/12/98	<10	10	1
R4-1-2	05/12/98	<10	10	1
R4-1-5	05/12/98	<10	10	1
R4-1-10	05/12/98	<10	10	1
R4-1-10 Dup.	05/12/98	<10	10	1
T-27-2-35	05/12/98	<10	10	1
T-27-1-SUR	05/12/98	<10	10	1
T-27-1-3	05/12/98	<10	10	1
T-27-1-5	05/12/98	<10	10	1
T-27-1-10	05/12/98	<10	10	1
T-27-2-SUR	05/12/98	<10	10	1
T-27-2-SUR Dup.	05/12/98	<10	10	1

REPORT OF LABORATORY ANALYSIS

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/12/98		05/12/98	05/12/98			
TPH-Speciation	111	80-120	84	90	70-130	6.9	0-30

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	PRL mg/Kg	DF
Client ID:	Analysis Date			
Method Blank	05/13/98	<10	10	1
T-27-2-2	05/13/98	<10	10	1
T-27-2-4	05/13/98	<10	10	1
T-27-2-10	05/13/98	<10	10	1
T-27-2-15	05/13/98	<10	10	1
T-27-2-20	05/13/98	<10	10	1
T-27-2-25	05/13/98	<10	10	1
T-27-2-30	05/13/98	<10	10	1
T-27-2-30 Dup.	05/13/98	<10	10	1

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/13/98		05/13/98	05/13/98			
TPH-Speciation	79	80-120	92	102	70-130	10	0-30

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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423415

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: BE	Report To: Frank Pass	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W Winton Ave Hayward CA 94545	Bill To:		Pace Project Manager
Phone: 510 785 1111	P.O. # / Billing Reference: 8600 SAP		Pace Project No.
Sampled By (PRINT): Tim O'Brien	Project Name / No.		*Requested Due Date: 5-22-98
Sampler Signature: Tim O'Brien	Date Sampled: 5/7/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSIS REQUEST: CAM 17 BTEX 8260	REMARKS
1	T-27-2-SUR				1						X X X	
2	T-27-2-2'				1						X X X	
3	T-27-2-4'				1						X X X	
4	T-27-2-10'				1						X X X	
5	T-27-2-15				1						X X X	
6	T-27-2-20'				1						X X X	
7	T-27-2-25'				1						X X X	
8	T-27-2-30				1						X X X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Tim O'Brien	5/7/98		Hung Lam / Pace	5-8-98	1000

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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423414

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSE	Report To: Frank Pass	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W Winton Ave Hayward CA 94545	Bill To:		Pace Project Manager
Phone: 510 785 1111	P.O. # / Billing Reference: 86001 SAW		Pace Project No.
	Project Name / No.		*Requested Due Date: 5-22-98

Sampled By (PRINT): Tim O'Brien

Sampler Signature: Tim O'Brien Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VCA (HCL)	NaOH		ANALYSES REQUEST: GRO	BTEX	PHG	8260	8270	BTEX	REMARKS
1	T-27-2-35											X	X	X				Rush (1 week)
2	T-27-2-40																	Archive
3																		
4	T-27-1-SUR											X	X		X	X		
5	T-27-B																	
6	T-27-1-3'											X	X		X	X		
7	T-27-1-5'											X	X		X	X		
8	T-27-1-10'											X	X		X	X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Tim O'Brien	5/8				

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Page 3/4 11-03 980508-08

423413

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: BL	Report To: Frank Pass	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward CA 94545	Bill To:		Pace Project Manager
Phone: 510 785 1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
	Project Name / No.		*Requested Due Date:

Sampled By (PRINT): Tim O'Brien

Sampler Signature: Tim O'Brien Date Sampled: 5/5/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	TPH-D	PCB's 608	6260	GW 10 BTEX	REMARKS
1	T-27-1-15'										X	X		X	X	
2	T-27-1-20'										X	X		X	X	
3	T-27-1-25'										X	X		X	X	Rush (1 week)
4	T-27-1-30'															Archive
5	R4-1-SWR										X	X	X	X	X	
6	R4-1-2'										X	X	X			
7	R4-TP5'										X	X	X	X	X	
8	R4-1-10'										X	X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Tim O'Brien	5/5				

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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1163M
980508-08

423412

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSL	Report To: Frank Foss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: 510 783 1111	P.O. # / Billing Reference: 86001.SFW		Pace Project No.
Sampled By (PRINT): Tim O'Brien	Project Name / No.		*Requested Due Date: 6-22-98
Sampler Signature: Tim O'Brien	Date Sampled: 5/4/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	PRESERVATIVES H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST CAM 17 TPH-D BTEX 8260	REMARKS
1	~~RW-1-15~~				1						X X X X X	
2	RW-1-20				1						X X X X X	
3	RW-1-25				1						X X X X X	
4												
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

May 26, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107322
Client Project ID: 980508-08

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
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Fax: 612-617-6444

Pace Analytical

DATE: 05/27/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107322
Client Project ID: 980508-08

Attn: Mr.RichardVillafania
Phone: (562)498-9515

Pace Sample No.: 10630457 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.083	0.0226	05/12/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.083	*	05/12/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.083	*	05/12/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.083	*	05/12/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.083	*	05/12/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.083	*	05/12/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.083	0.2312	05/12/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	101	%		*	05/12/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	103	%		*	05/12/98	DKP	877-09-8	1	
Date Extracted	05/11/98			*		DKP			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
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Pace Analytical

Pace Project Number: 107322
Client Project ID: 980508-08

Pace Sample No.: 10630457 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/13/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/13/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/13/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/13/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/13/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/13/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/13/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/13/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/13/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/13/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/13/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/13/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/13/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/13/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/13/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/13/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/13/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/13/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/13/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/13/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/13/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/13/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-607-6400
Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107322
Client Project ID: 980508-08

Pace Sample No.: 10630457 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/13/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/13/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/13/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/13/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/13/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	05/13/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	05/13/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/13/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/13/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/13/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/13/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/13/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/13/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/13/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/13/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/13/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/13/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/13/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/13/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/13/98	SAC	117-81-7	2	J
Butylbenzylphthalate	trace	ug/kg	330	86.138	05/13/98	SAC	85-68-7	2	J
Chrysene	ND	ug/kg	330	49.277	05/13/98	SAC	218-01-9		U
Di-n-butylphthalate	trace	ug/kg	330	63.556	05/13/98	SAC	84-74-2	2	J
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/13/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107322
Client Project ID: 980508-08

Pace Sample No.: 10630457 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/13/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/13/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/13/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/13/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/13/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/13/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/13/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/13/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.641	05/13/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/13/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/13/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/13/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/13/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/13/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/13/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/13/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/13/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/13/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/13/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/13/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	80	%		*	05/13/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	81	%		*	05/13/98	SAC	321-60-8		
2-Fluorophenol (S)	63	%		*	05/13/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	69	%		*	05/13/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107322
Client Project ID: 980508-08

Pace Sample No.: 10830457 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	71	%		*	05/13/98	SAC	13127-88-3		
Terphenyl-d14 (S)	75	%		*	05/13/98	SAC	1718-51-0		
Date Extracted	05/11/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107322
Client Project ID: 980508-08

Pace Sample No.: 10630481 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/13/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/13/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/13/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/13/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/13/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/13/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/13/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/13/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/13/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/13/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/13/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/13/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/13/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/13/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/13/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/13/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/13/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/13/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/13/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/13/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/13/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/13/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Pace Project Number: 107322
Client Project ID: 980508-08

Pace Sample No.: 10630481 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/13/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/13/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/13/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/13/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/13/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/13/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/13/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/13/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/13/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/13/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/13/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/13/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/13/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/13/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.90	05/13/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/13/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/13/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/13/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/13/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/13/98	SAC	117-81-7	2	J
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/13/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/13/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/13/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/13/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107322
Client Project ID: 980508-08

Pace Sample No.: 10630481 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/13/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/13/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/13/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/13/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/13/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/13/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/13/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/13/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/13/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/13/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/13/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/13/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/13/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/13/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/13/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/13/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/13/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/13/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/13/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/13/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	76	%		*	05/13/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	86	%		*	05/13/98	SAC	321-60-8		
2-Fluorophenol (S)	66	%		*	05/13/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	73	%		*	05/13/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107322
Client Project ID: 980508-08

Pace Sample No.: 10630481 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	73	%		*	05/13/98	SAC	13127-88-3		
Terphenyl-d14 (S)	77	%		*	05/13/98	SAC	1718-51-0		
Date Extracted	05/11/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107322
Client Project ID: 980508-08

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	The detection limits for all compounds for this analysis are elevated due to limited sample.
[2]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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May 26, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107314
Client Project ID: 980508-08

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

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Fax: 612-617-6444

DATE: 05/27/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107314
Client Project ID: 980508-08

Attn: Mr.RichardVillafania
Phone: (562)498-9515

Pace Sample No.: 10830432 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-15 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/19/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/19/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/19/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/19/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/19/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/19/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/19/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	112	%		*	05/19/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	102	%		*	05/19/98	DKP	877-09-8		
Date Extracted	05/15/98			*		DKP			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630432 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-15 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	166.31	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/21/98	SAC	51-28-5		U
2,4 Dinitrotoluene	ND	ug/kg	330	35.406	05/21/98	SAC	121-14 2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94 548	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/21/98	SAC	91-94 1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/21/98	SAC	101-55-3		U
4 Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/21/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630432 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-15 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.883	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/21/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/21/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/21/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/21/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/21/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/21/98	SAC	111-44-4		U
bis(2 Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/21/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	410	ug/kg	330	60.552	05/21/98	SAC	117-81-7		
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/21/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/21/98	SAC	218-01-9		U
Di-n-butylphthalate	trace	ug/kg	330	63.556	05/21/98	SAC	84-74-2	1	J
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/21/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630432 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-15 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/21/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/21/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/21/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	53	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	89	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	33	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	73	%		*	05/21/98	SAC	4165-60-0		

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630432 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-15 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	69	%		*	05/21/98	SAC	13127-88-3		
Terphenyl-d14 (S)	65	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	410								

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630440 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/19/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/19/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/19/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/19/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/19/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/19/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/19/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	106	%		*	05/19/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	100	%		*	05/19/98	DKP	877-09-8		
Date Extracted	05/15/98			*		DKP			
Total EPA 8080	ND								

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630440 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/20/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/20/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/20/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/20/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/20/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/20/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/20/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/20/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.503	05/20/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/20/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/20/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/20/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/20/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/20/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/20/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/20/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/20/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/20/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/20/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/20/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/20/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/20/98	SAC	59-50-7		U

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630440 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/20/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/20/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/20/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/20/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/20/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/20/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/20/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/20/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/20/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/20/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/20/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/20/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/20/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/20/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/20/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/20/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/20/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/20/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/20/98	SAC	39638-32-9		U
bis(2 Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/20/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	86.136	05/20/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/20/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/20/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/20/98	SAC	117-84-0		U

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630440 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/20/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/20/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/20/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/20/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/20/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/20/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/20/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/20/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/20/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/20/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/20/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/20/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/20/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/20/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/20/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/20/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/20/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.403	05/20/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/20/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/20/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	81	%		*	05/20/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	86	%		*	05/20/98	SAC	321-60 8		
2-Fluorophenol (S)	41	%		*	05/20/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	76	%		*	05/20/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630440 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	65	%		*	05/20/98	SAC	13127-88-3		
Terphenyl-d14 (S)	76	%		*	05/20/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630465 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-15 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	166.31	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.503	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.073	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/21/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630465 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-15 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	05/21/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/21/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/21/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/21/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/21/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	60.095	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/21/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/21/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/21/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	66.138	05/21/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/21/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/21/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/21/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630465 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-15 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/21/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/21/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/21/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	85	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	88	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	42	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	80	%		*	05/21/98	SAC	4165-60-0		

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630465 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-15 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	72	%		*	05/21/98	SAC	13127-88-3		
Terphenyl-d14 (S)	68	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630473 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.226	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/21/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630473 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/21/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/21/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/21/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/21/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/21/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/21/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.604	05/21/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/21/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/21/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	40.277	05/21/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/21/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/21/98	SAC	117-84-0		U

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630473 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.676	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/21/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/21/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/21/98	SAC	108 95-2		U
Pyrene	ND	ug/kg	330	34.334	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	87	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	85	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	39	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	77	%		*	05/21/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630473 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	69	%		*	05/21/98	SAC	13127-88-3		
Terphenyl-d14 (S)	83	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630499 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/19/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/19/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/19/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/19/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/19/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/19/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	0.068	mg/kg	0.033	0.0917	05/19/98	DKP	11096-82-5		
Decachlorobiphenyl (S)	110	%		*	05/19/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	120	%		*	05/19/98	DKP	877-09-8		
Date Extracted	05/15/98			*		DKP			
Total EPA 8080	0.068								

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630499 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	3300	264.47	05/22/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	3300	401.39	05/22/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	3300	315.64	05/22/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	3300	270.23	05/22/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	3300	544.83	05/22/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	3300	526.96	05/22/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	3300	429.93	05/22/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	3300	1653.1	05/22/98	SAC	105-67-9		U
2,4 Dinitrophenol	ND	ug/kg	16000	455.03	05/22/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	3300	354.06	05/22/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	3300	372.25	05/22/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	3300	324.39	05/22/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	3300	436.74	05/22/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	3300	266.13	05/22/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	3300	945.48	05/22/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	16000	378.69	05/22/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	3300	320.68	05/22/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	6600	240.98	05/22/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	16000	336.04	05/22/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	16000	356.73	05/22/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	3300	471.02	05/22/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	6600	392.00	05/22/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630499 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	6600	276.49	05/22/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	3300	178.63	05/22/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	3300	900.77	05/22/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	16000	412.47	05/22/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	16000	289.70	05/22/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	3300	291.79	05/22/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	3300	299.93	05/22/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	3300	358.39	05/22/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	3300	387.87	05/22/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	3300	398.30	05/22/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	3300	362.45	05/22/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	3300	717.00	05/22/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	3300	388.14	05/22/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	3300	500.95	05/22/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	16000	2649.9	05/22/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	6600	732.5	05/22/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	3300	287.57	05/22/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	3300	285.79	05/22/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	3300	436.94	05/22/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	3300	605.52	05/22/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	3300	861.38	05/22/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	3300	492.77	05/22/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	3300	635.56	05/22/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	3300	910.88	05/22/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630499 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	3300	379.68	05/22/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	3300	318.84	05/22/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	3300	303.41	05/22/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	3300	291.04	05/22/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	3300	406.59	05/22/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	3300	391.23	05/22/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	3300	416.78	05/22/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	3300	335.01	05/22/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	3300	875.41	05/22/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	3300	296.34	05/22/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	3300	399.38	05/22/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	3300	301.58	05/22/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	3300	377.43	05/22/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	3300	493.02	05/22/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	3300	261.44	05/22/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	3300	332.47	05/22/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	16000	460.26	05/22/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	3300	394.63	05/22/98	SAC	85-01-8		U
Phenol	ND	ug/kg	3300	491.42	05/22/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	3300	343.34	05/22/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	110	%		*	05/22/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	128	%		*	05/22/98	SAC	321-60-8		
2-Fluorophenol (S)	58	%		*	05/22/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	106	%		*	05/22/98	SAC	4165-60-0		

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630499 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	93	%		*	05/22/98	SAC	13127-88-3		
Terphenyl-d14 (S)	134	%		*	05/22/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630507 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-2 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/19/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/19/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/19/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/19/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/19/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/19/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/19/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	71	%		*	05/19/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	66	%		*	05/19/98	DKP	877-09-8		
Date Extracted	05/15/98			*		DKP			
Total EPA 8080	ND								

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630507 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-2 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	880	70.878	05/20/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	880	107.57	05/20/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	880	84.693	05/20/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	880	72.423	05/20/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	880	146.01	05/20/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	880	141.22	05/20/98	SAC	88-06-2		U
2,4-Dichlorophonol	ND	ug/kg	880	116.22	05/20/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	880	443.03	05/20/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	4300	121.94	05/20/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	880	94.888	05/20/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	880	99.765	05/20/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	880	86.937	05/20/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	880	117.04	05/20/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	880	71.323	05/20/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	880	253.38	05/20/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	4300	101.49	05/20/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	880	85.943	05/20/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1800	64.585	05/20/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	4300	90.059	05/20/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	4300	95.604	05/20/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	880	126.23	05/20/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1800	105.05	05/20/98	SAC	59-50-7		U

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630507
Client Sample ID: R4-1-2

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	1800	74.099	05/20/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	880	47.874	05/20/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	880	241.40	05/20/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	4300	110.54	05/20/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	4300	77.642	05/20/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	880	78.201	05/20/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	880	80.381	05/20/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	880	96.048	05/20/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	880	103.94	05/20/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	880	108.74	05/20/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	880	97.138	05/20/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	880	192.16	05/20/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	880	104.02	05/20/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	880	134.25	05/20/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	4300	710.17	05/20/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1800	196.31	05/20/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	880	77.070	05/20/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	880	70.593	05/20/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	880	117.10	05/20/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	880	162.28	05/20/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	880	230.65	05/20/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	880	132.06	05/20/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	880	170.33	05/20/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	880	244.11	05/20/98	SAC	117-84-0		U

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Client Project ID: 980508-08

Pace Sample No.: 10630507 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-2 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	880	101.75	05/20/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	880	85.449	05/20/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	880	81.314	05/20/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	880	77.999	05/20/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	880	108.96	05/20/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	880	104.85	05/20/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	880	111.69	05/20/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	880	89.783	05/20/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	880	234.61	05/20/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	880	79.419	05/20/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	880	107.03	05/20/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	880	80.825	05/20/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	880	101.15	05/20/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	880	132.13	05/20/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	880	70.068	05/20/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	880	89.103	05/20/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	4300	128.71	05/20/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	880	105.76	05/20/98	SAC	85-01-8		U
Phenol	ND	ug/kg	880	131.70	05/20/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	880	92.016	05/20/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	81	%		*	05/20/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	72	%		*	05/20/98	SAC	321-60-8		
2-Fluorophenol (S)	34	%		*	05/20/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	62	%		*	05/20/98	SAC	4165-60-0		

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Client Project ID: 980508-08

Pace Sample No.: 10630507 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-2 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	56	%		*	05/20/98	SAC	13127-88-3		
Terphenyl-d14 (S)	76	%		*	05/20/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

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Pace Analytical

Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630515 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/19/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/19/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/19/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/19/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/19/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/19/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0017	05/19/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	130	%		*	05/19/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	101	%		*	05/19/98	DKP	877-09-8		
Date Extracted	05/15/98			*		DKP			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630515 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	670	53.687	05/20/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	670	81.483	05/20/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	670	64.076	05/20/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	670	54.858	05/20/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	670	110.60	05/20/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	670	106.97	05/20/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	670	87.276	05/20/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	670	335.58	05/20/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.371	05/20/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	670	71.874	05/20/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	670	75.568	05/20/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	670	65.852	05/20/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	670	88.658	05/20/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	670	54.024	05/20/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	670	191.93	05/20/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	76.875	05/20/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	670	65.099	05/20/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	48.920	05/20/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	68.216	05/20/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	72.417	05/20/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	670	95.617	05/20/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	78.577	05/20/98	SAC	59-50-7		U

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10830515 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	1300	56.127	05/20/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	670	36.263	05/20/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	670	182.85	05/20/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	83.733	05/20/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	58.810	05/20/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	670	59.234	05/20/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	670	60.886	05/20/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	670	72.753	05/20/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	670	78.737	05/20/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	670	80.856	05/20/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	670	73.578	05/20/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	670	145.55	05/20/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	670	78.793	05/20/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	670	101.69	05/20/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	537.93	05/20/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	148.69	05/20/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	670	58.378	05/20/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	670	58.016	05/20/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	670	88.700	05/20/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	670	122.92	05/20/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	670	174.86	05/20/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	670	100.03	05/20/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	670	129.01	05/20/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	670	184.90	05/20/98	SAC	117-84-0		U

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630515 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	670	77.075	05/20/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	670	64.725	05/20/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	670	61.592	05/20/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	670	59.081	05/20/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	670	82.538	05/20/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	670	79.421	05/20/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	670	84.607	05/20/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	670	68.007	05/20/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	670	177.70	05/20/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	670	60.157	05/20/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	670	81.075	05/20/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	670	61.222	05/20/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	670	76.619	05/20/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	670	100.08	05/20/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	670	53.074	05/20/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	670	67.492	05/20/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	97.494	05/20/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	670	80.110	05/20/98	SAC	85-01-8		U
Phenol	ND	ug/kg	670	99.759	05/20/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	670	69.699	05/20/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	62	%		*	05/20/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	78	%		*	05/20/98	SAC	321-60-8		
2-Fluorophenol (S)	35	%		*	05/20/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	68	%		*	05/20/98	SAC	4165-60-0		

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630515 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	59	%		*	05/20/98	SAC	13127-88-3		
Terphenyl-d14 (S)	66	%		*	05/20/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630523 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/19/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/19/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/19/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/19/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/19/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/19/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/19/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	119	%		*	05/19/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	104	%		*	05/19/98	DKP	877-09-8		
Date Extracted	05/15/98			*		DKP			
Total EPA 8080	ND								

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630523 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	630	50.249	05/20/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	630	76.265	05/20/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	630	59.972	05/20/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	630	51.345	05/20/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	630	103.51	05/20/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	630	100.12	05/20/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	630	81.687	05/20/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	630	314.09	05/20/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3000	86.456	05/20/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	630	67.271	05/20/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	630	70.729	05/20/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	630	61.635	05/20/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	630	82.981	05/20/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	630	50.564	05/20/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	630	179.64	05/20/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	3000	71.952	05/20/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	630	60.930	05/20/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	45.787	05/20/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	3000	63.848	05/20/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3000	67.779	05/20/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	630	89.494	05/20/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	74.481	05/20/98	SAC	59-50-7		U

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630523 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-1D Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	1300	52.533	05/20/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	630	33.941	05/20/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	630	171.14	05/20/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	3000	78.370	05/20/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	3000	55.044	05/20/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	630	55.441	05/20/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	630	56.987	05/20/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	630	68.094	05/20/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	630	73.695	05/20/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	630	75.678	05/20/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	630	68.866	05/20/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	630	136.23	05/20/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	630	73.747	05/20/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	630	95.181	05/20/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	3000	503.48	05/20/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	139.17	05/20/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	630	54.639	05/20/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	630	54.301	05/20/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	630	83.019	05/20/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	630	115.04	05/20/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	630	163.66	05/20/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	630	93.626	05/20/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	630	120.75	05/20/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	630	173.05	05/20/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630523 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	630	72.139	05/20/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	630	60.580	05/20/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	630	57.648	05/20/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	630	55.298	05/20/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	630	77.252	05/20/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	630	74.335	05/20/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	630	79.189	05/20/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	630	63.652	05/20/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	630	166.32	05/20/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	630	56.304	05/20/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	630	75.883	05/20/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	630	57.301	05/20/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	630	71.713	05/20/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	630	93.675	05/20/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	630	49.675	05/20/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	630	63.170	05/20/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	3000	91.251	05/20/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	630	74.979	05/20/98	SAC	85-01-8		U
Phenol	ND	ug/kg	630	93.371	05/20/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	630	65.235	05/20/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	81	%		*	05/20/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	86	%		*	05/20/98	SAC	321-60-8		
2-Fluorophenol (S)	41	%		*	05/20/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	75	%		*	05/20/98	SAC	4165-60-0		

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Pace Analytical

Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630523 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	67	%		*	05/20/98	SAC	13127-88-3		
Terphenyl-d14 (S)	71	%		*	05/20/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10030531 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/21/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10030531 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.936	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/21/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/21/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/21/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	73	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	74	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	33	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	62	%		*	05/21/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630531 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	56	%		*	05/21/98	SAC	13127-88-3		
Terphenyl-d14 (S)	64	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630549 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-3 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	3300	264.47	05/23/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	3300	401.39	05/23/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	3300	315.64	05/23/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	3300	270.23	05/23/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	3300	544.83	05/23/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	3300	526.96	05/23/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	3300	429.93	05/23/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	3300	1653.1	05/23/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	16000	455.03	05/23/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	3300	354.06	05/23/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	3300	372.25	05/23/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	3300	324.39	05/23/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	3300	430.74	05/23/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	3300	266.13	05/23/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	3300	946.48	05/23/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	16000	378.69	05/23/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	3300	320.68	05/23/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	6600	240.98	05/23/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	16000	336.04	05/23/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	16000	356.73	05/23/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	3300	471.02	05/23/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	6600	392.00	05/23/98	SAC	59-50-7		U

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630549 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-3 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	6600	276.49	05/23/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	3300	178.63	05/23/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	3300	900.77	05/23/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	16000	412.47	05/23/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	16000	289.70	05/23/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	3300	291.79	05/23/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	3300	299.93	05/23/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	3300	358.39	05/23/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	3300	387.87	05/23/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	3300	398.30	05/23/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	3300	362.45	05/23/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	3300	717.00	05/23/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	3300	388.14	05/23/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	3300	500.95	05/23/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	16000	2649.9	05/23/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	6600	732.5	05/23/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	3300	287.57	05/23/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	3300	285.79	05/23/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	3300	436.94	05/23/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	3300	605.52	05/23/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	3300	861.38	05/23/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	3300	492.77	05/23/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	3300	635.56	05/23/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	3300	910.88	05/23/98	SAC	117-84-0		U

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630549 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-3 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	3300	379.68	05/23/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	3300	318.84	05/23/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	3300	303.41	05/23/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	3300	291.04	05/23/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	3300	406.59	05/23/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	3300	391.23	05/23/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	3300	416.78	05/23/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	3300	335.01	05/23/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	3300	875.41	05/23/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	3300	296.34	05/23/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	3300	399.38	05/23/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	3300	301.58	05/23/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	3300	377.43	05/23/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	3300	493.02	05/23/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	3300	261.44	05/23/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	3300	332.47	05/23/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	16000	480.26	05/23/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	3300	394.63	05/23/98	SAC	85-01-8		U
Phenol	ND	ug/kg	3300	491.42	05/23/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	3300	343.34	05/23/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	98	%		*	05/23/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	130	%		*	05/23/98	SAC	321-60-8		
2-Fluorophenol (S)	54	%		*	05/23/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	107	%		*	05/23/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630549 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-3 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	83	%		*	05/23/98	SAC	13127-88-3		
Terphenyl-d14 (S)	124	%		*	05/23/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630556 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	400	31.736	05/20/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	400	48.167	05/20/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	400	37.877	05/20/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	400	32.428	05/20/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	400	65.380	05/20/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	400	63.236	05/20/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	400	51.591	05/20/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	400	198.37	05/20/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1900	54.603	05/20/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	400	42.487	05/20/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	400	44.670	05/20/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	400	38.927	05/20/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	400	52.409	05/20/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	400	31.935	05/20/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	400	113.45	05/20/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1900	45.443	05/20/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	400	38.482	05/20/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	790	28.918	05/20/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1900	40.325	05/20/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1900	42.808	05/20/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	400	56.522	05/20/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	790	47.040	05/20/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630566 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	790	33.179	05/20/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	400	21.436	05/20/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	400	108.09	05/20/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1900	49.497	05/20/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1900	34.765	05/20/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	400	35.015	05/20/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	400	35.991	05/20/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	400	43.006	05/20/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	400	46.544	05/20/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	400	47.797	05/20/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	400	43.494	05/20/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	400	86.040	05/20/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	400	46.577	05/20/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	400	60.114	05/20/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1900	317.98	05/20/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	790	87.9	05/20/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	400	34.509	05/20/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	400	34.295	05/20/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	400	52.433	05/20/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	400	72.662	05/20/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	400	103.36	05/20/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	400	59.132	05/20/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	400	76.267	05/20/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	400	109.30	05/20/98	SAC	117-84-0		U

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630556 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	400	45.561	05/20/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	400	38.261	05/20/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	400	36.409	05/20/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	400	34.925	05/20/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	400	48.791	05/20/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	400	46.948	05/20/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	400	50.014	05/20/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	400	40.201	05/20/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	400	105.04	05/20/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	400	35.560	05/20/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	400	47.926	05/20/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	400	36.190	05/20/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	400	45.292	05/20/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	400	59.163	05/20/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	400	31.373	05/20/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	400	39.896	05/20/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1000	57.632	05/20/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	400	47.355	05/20/98	SAC	85-01-8		U
Phenol	ND	ug/kg	400	50.971	05/20/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	400	41.201	05/20/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	62	%		*	05/20/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	79	%		*	05/20/98	SAC	321-60-8		
2-Fluorophenol (S)	35	%		*	05/20/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	69	%		*	05/20/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630556 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	61	%		*	05/20/98	SAC	13127-88-3		
Terphenyl-d14 (S)	68	%		*	05/20/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

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Pace Analytical

Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630564 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.493	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/21/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630564 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	26.970	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/21/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/21/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/21/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/21/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/21/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/21/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/21/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/21/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/21/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/21/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/21/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/21/98	SAC	117-84-0		U

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630564 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.908	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.168	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/21/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/21/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/21/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	84	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	89	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	38	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	79	%		*	05/21/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107314
Client Project ID: 980508-08

Pace Sample No.: 10630564 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-1-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	70	%		*	05/21/98	SAC	13127-88-3		
Terphenyl-d14 (S)	66	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/18/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107314
Client Project ID: 980508-08

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Fax: 913-599-1759

Pace Analytical

May 19, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021566
Client Project ID: 980508-08

Dear :

Enclosed are the results of analyses for sample(s) received on May 11, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021666
Client Project ID: 980508-08

Pace Sample No.: 601865728 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-15 Date Received: 05/11/98

GC/MS – VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/12/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/12/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/12/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/12/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/12/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/12/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/12/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/12/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/12/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/12/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/12/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/12/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/12/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/12/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/12/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/12/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/12/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/12/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/12/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/12/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/12/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/12/98	CHL	95-49-8		U
2 Hexanone	ND	ug/kg	100	2.55	05/12/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/12/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.39	05/12/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/12/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/12/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/12/98	CHL	108-86-1		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865728 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-15 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/12/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/12/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/12/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/12/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/12/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/12/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/12/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/12/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/12/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/12/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/12/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/12/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/12/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/12/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/12/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/12/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/12/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/12/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/12/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.95	05/12/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/12/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/12/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/12/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/12/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/12/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/12/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.95	05/12/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/12/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/12/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/12/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/12/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/12/98	CHL	994-05-8		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865728 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-15 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/12/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/12/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/12/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/12/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/12/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.68	05/12/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/12/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/12/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/12/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/12/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	40	%		1.82	05/12/98	CHL	17060-07-0	1	
4-Bromofluorobenzene (S)	60	%		1.01	05/12/98	CHL	460-00-4		
Dibromofluoromethane (S)	42	%		1.81	05/12/98	CHL	1868-53-7		
Toluene-d8 (S)	78	%		1.48	05/12/98	CHL	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021560
Client Project ID: 980508-08

Pace Sample No.: 601865736 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-20 Date Received: 05/11/98

GC/MS – VOA

Volatile Organics Method: EPA 8260 Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/13/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/13/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/13/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/13/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/13/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/13/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/13/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/13/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/13/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/13/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/13/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/13/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/13/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/13/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/13/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/13/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/13/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/13/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/13/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/13/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/13/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/13/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/13/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.39	05/13/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/13/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/13/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/13/98	CHL	108-86-1		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865736 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/13/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/13/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/13/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/13/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/13/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/13/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/13/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/13/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/13/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/13/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/13/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/13/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/13/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/13/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/13/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/13/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/13/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/13/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/13/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/13/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/13/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/13/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/13/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/13/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/13/98	CHL	104-51-8		U
n Propylbenzene	ND	ug/kg	5	0.62	05/13/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/13/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/13/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/13/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/13/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/13/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/13/98	CHL	994-05-8		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865736 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/13/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/13/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/13/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/13/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/13/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/13/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/13/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/13/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/13/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	101	%		1.82	05/13/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	98	%		1.01	05/13/98	CHL	460-00-4		
Dibromofluoromethane (S)	100	%		1.81	05/13/98	CHL	1868-53-7		
Toluene-d8 (S)	94	%		1.48	05/13/98	CHL	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865744 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/13/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/13/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/13/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/13/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/13/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/13/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/13/98	CHL	563-58-6		U
1,2,3 Trichlorobenzene	ND	ug/kg	5	1.21	05/13/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/13/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/13/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/13/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/13/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/13/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/13/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.61	05/13/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/13/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/13/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.6	05/13/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/13/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.86	05/13/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/13/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/13/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/13/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/13/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.36	05/13/98	CHL	106-43-4		U
4-Methyl 2-Pentanone	ND	ug/kg	10	2.38	05/13/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/13/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/13/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/13/98	CHL	108-86-1		U

Pace Project Number: 6021566
Client Project ID: 980508-06

Pace Sample No.: 601865744 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-26 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/13/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/13/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.46	05/13/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/13/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/13/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/13/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/13/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/13/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/13/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/13/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/13/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/13/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/13/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/13/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/13/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/13/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/13/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/13/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/13/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/13/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/13/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/13/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/13/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/13/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/13/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/13/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/13/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/13/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/13/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/13/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/13/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/13/98	CHL	994-05-8		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865744
Client Sample ID: R4-1-25

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/13/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/13/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/13/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/13/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.92	05/13/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/13/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/13/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/13/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/13/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/13/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	90	%		1.82	05/13/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	84	%		1.01	05/13/98	CHL	460-00-4		
Dibromofluoromethane (S)	91	%		1.81	05/13/98	CHL	1868-53-7		
Toluene-d8 (S)	86	%		1.48	05/13/98	CHL	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865751
Client Sample ID: R4-1-SUR
Date Collected: 05/07/98
Date Received: 05/11/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/14/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/14/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/14/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/14/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/14/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/14/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/14/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/14/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/14/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/14/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/14/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/14/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/14/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/14/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/14/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/14/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.98	05/14/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/14/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/14/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/14/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/14/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.36	05/14/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.39	05/14/98	CHL	108-10-1		U
Acetone	21	ug/kg	20	4.34	05/14/98	CHL	67-64-1		
Benzene	ND	ug/kg	5	0.69	05/14/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	108-86-1		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865751
Client Sample ID: R4-1-SUR

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/14/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/14/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/14/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/14/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/14/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/14/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/14/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/14/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/14/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.61	05/14/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/14/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/14/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/14/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/14/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/14/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/14/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/14/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/14/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/14/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.65	05/14/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/14/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/14/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/14/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/14/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/14/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/14/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.65	05/14/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/14/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/14/98	CHL	99-87-6		U
sec Butylbenzene	ND	ug/kg	5	0.67	05/14/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/14/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/14/98	CHL	994-05-8		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865751 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/14/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/14/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/14/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/14/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/14/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/14/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/14/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/14/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/14/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	106	%		1.82	05/14/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	92	%		1.01	05/14/98	CHL	460-00-4		
Dibromofluoromethane (S)	98	%		1.81	05/14/98	CHL	1868-53-7		
Toluene-d8 (S)	96	%		1.48	05/14/98	CHL	2037-26-5		
Total EPA 8260	21								

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865769 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-2 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/14/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/14/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/14/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/14/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/14/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/14/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/14/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/14/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/14/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/14/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/14/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/14/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/14/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/14/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/14/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/14/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/14/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/14/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/14/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/14/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/14/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/14/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/14/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/14/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/14/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	108-86-1		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865759 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-2 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/14/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/14/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.46	05/14/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/14/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/14/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/14/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/14/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/14/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/14/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/14/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/14/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/14/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/14/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/14/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/14/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/14/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/14/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/14/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/14/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/14/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/14/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/14/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/14/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/14/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/14/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/14/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/14/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/14/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/14/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/14/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/14/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/14/98	CHL	994-05-8		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865769 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-2 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/14/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/14/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/14/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/14/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/14/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/14/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/14/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/14/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/14/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	109	%		1.82	05/14/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	98	%		1.01	05/14/98	CHL	460-00-4		
Dibromofluoromethane (S)	99	%		1.81	05/14/98	CHL	1868-53-7		
Toluene-d8 (S)	93	%		1.48	05/14/98	CHL	2037-26-5		

Total EPA 8260 **ND**

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865777 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/14/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/14/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/14/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/14/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/14/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/14/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/14/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/14/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/14/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/14/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/14/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/14/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/14/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/14/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/14/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/14/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/14/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/14/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/14/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/14/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/14/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/14/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/14/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/14/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/14/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	108-86-1		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865777 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/14/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/14/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/14/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/14/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.59	05/14/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/14/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/14/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/14/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/14/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/14/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/14/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/14/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/14/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/14/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/14/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/14/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/14/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/14/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/14/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/14/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/14/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/14/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/14/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/14/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/14/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/14/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/14/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/14/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/14/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/14/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/14/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/14/98	CHL	994-05-8		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601855777 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-5 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/14/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/14/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/14/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/14/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/14/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/14/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/14/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/14/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/14/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	103	%		1.82	05/14/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	101	%		1.01	05/14/98	CHL	460-00-4		
Dibromofluoromethane (S)	81	%		1.81	05/14/98	CHL	1868-53-7	2	
Toluene-d8 (S)	98	%		1.48	05/14/98	CHL	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601965785 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/14/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/14/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/14/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/14/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/14/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/14/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/14/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/14/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/14/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/14/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/14/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/14/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/14/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/14/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/14/98	CHL	108-67-8		U
1,3 Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/14/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/14/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/14/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/14/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/14/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/14/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/14/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/14/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/14/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/14/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	108-86-1		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865785 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/14/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/14/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/14/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/14/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/14/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/14/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/14/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/14/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/14/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/14/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/14/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/14/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/14/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/14/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/14/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/14/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/14/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/14/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/14/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/14/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/14/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/14/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/14/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/14/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/14/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/14/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/14/98	CHL	91-20-3		U
O-Xylene (1,2 Dimethylbenzene)	ND	ug/kg	5	0.63	05/14/98	CHL	95-47-6		U
p Isopropyltoluene	ND	ug/kg	5	0.59	05/14/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/14/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/14/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/14/98	CHL	994-05-8		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865785 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: R4-1-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/14/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/14/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/14/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/14/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/14/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/14/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/14/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/14/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/14/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	104	%		1.82	05/14/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	98	%		1.01	05/14/98	CHL	460-00-4		
Dibromofluoromethane (S)	101	%		1.81	05/14/98	CHL	1868-53-7		
Toluene-d8 (S)	94	%		1.48	05/14/98	CHL	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865801 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-2-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/14/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/14/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/14/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/14/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/14/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.62	05/14/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/14/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/14/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/14/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/14/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/14/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/14/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/14/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/14/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/14/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/14/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/14/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/14/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/14/98	CHL	78-93-3		U
2 Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/14/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/14/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/14/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/14/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/14/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/14/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/14/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	108-86-1		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865601 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-2-SUR Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/14/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/14/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/14/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/14/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/14/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/14/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/14/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/14/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/14/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/14/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/14/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/14/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/14/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/14/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/14/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/14/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/14/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/14/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/14/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/14/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/14/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/14/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/14/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/14/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/14/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.82	05/14/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.86	05/14/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/14/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/14/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/14/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/14/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/14/98	CHL	994-05-8		U

Pace Project Number: 8021566
Client Project ID: 980508-08

Pace Sample No.: 601865801
Client Sample ID: T-27-2-SUR

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/14/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/14/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/14/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/14/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/14/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/14/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/14/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/14/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/14/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	96	%		1.82	05/14/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	91	%		1.01	05/14/98	CHL	460-00-4		
Dibromofluoromethane (S)	100	%		1.81	05/14/98	CHL	1868-53-7		
Toluene-d8 (S)	91	%		1.48	05/14/98	CHL	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601965827 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-2-Z Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/14/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/14/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/14/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/14/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/14/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/14/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/14/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/14/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/14/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/14/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/14/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/14/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/14/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/14/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/14/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/14/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/14/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/14/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/14/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/14/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/14/98	CHL	591-78-6		U
4 Chlorotoluene	ND	ug/kg	5	0.35	05/14/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/14/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/14/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/14/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	108-86-1		U

Pace Project Number: 6021566
Client Project ID: 980508-06

Pace Sample No.: 601865827
Client Sample ID: T-27-2-2
Date Collected: 05/07/98
Date Received: 05/11/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/14/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/14/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/14/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/14/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/14/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/14/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/14/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/14/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/14/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/14/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/14/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.62	05/14/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/14/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/14/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/14/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/14/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/14/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/14/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/14/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/14/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/14/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/14/98	CHL			U
Methyl-tert butyl Ether	ND	ug/kg	5		05/14/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/14/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/14/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/14/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/14/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/14/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/14/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/14/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/14/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/14/98	CHL	994-05-8		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865827 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-Z-2 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/14/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/14/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/14/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/14/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/14/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/14/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/14/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/14/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/14/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	105	%		1.82	05/14/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	88	%		1.01	05/14/98	CHL	460-00-4		
Dibromofluoromethane (S)	107	%		1.91	05/14/98	CHL	1868-53-7		
Toluene-d8 (S)	91	%		1.48	05/14/98	CHL	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601965843
Client Sample ID: T-27-2-4

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

GC/MS – VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/14/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/14/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/14/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/14/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/14/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/14/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/14/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.66	05/14/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/14/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/14/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/14/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/14/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/14/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/14/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/14/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/14/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/14/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/14/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/14/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/14/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/14/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/14/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/14/98	CHL	108-10-1		U
Acetone	20	ug/kg	20	4.34	05/14/98	CHL	67-64-1	3	B
Benzene	ND	ug/kg	5	0.69	05/14/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	108-86-1		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865843
Client Sample ID: T-27-2-4

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/14/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/14/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/14/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/14/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/14/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/14/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/14/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/14/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/14/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/14/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/14/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/14/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/14/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.89	05/14/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/14/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/14/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/14/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/14/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/14/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/14/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/14/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/14/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/14/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/14/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/14/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/14/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/14/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/14/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/14/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/14/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/14/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/14/98	CHL	994-05-8		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601965843
Client Sample ID: T-27-2-4

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/14/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/14/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/14/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/14/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/14/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/14/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/14/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/14/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/14/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	106	%		1.82	05/14/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	90	%		1.01	05/14/98	CHL	460-00-4		
Dibromofluoromethane (S)	83	%		1.81	05/14/98	CHL	1868-53-7		
Toluene-d8 (S)	93	%		1.48	05/14/98	CHL	2037-26-5		
Total EPA 8260	20								

Pace Project Number: 6021586
Client Project ID: 980508-08

Pace Sample No.: 501865868 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-2-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/14/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/14/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/14/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/14/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/14/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/14/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/14/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/14/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/14/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/14/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/14/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/14/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/14/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/14/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/14/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/14/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/14/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/14/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/14/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/14/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/14/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/14/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/14/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/14/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/14/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/14/98	CHL	108-86-1		U

Pace Project Number: 6021566
Client Project ID: 980508-09

Pace Sample No.: 601865868 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-2-10 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/14/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/14/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/14/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/14/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/14/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/14/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/14/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/14/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/14/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/14/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/14/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/14/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/14/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/14/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/14/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/14/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/14/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/14/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/14/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/14/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/14/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/14/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/14/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/14/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/14/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/14/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/14/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/14/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/14/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/14/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/14/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/14/98	CHL	994-05-8		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865868
Client Sample ID: T-27-2-10

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/14/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/14/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/14/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/14/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/14/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/14/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/14/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/14/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/14/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	98	%		1.82	05/14/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	94	%		1.01	05/14/98	CHL	460-00-4		
Dibromofluoromethane (S)	89	%		1.81	05/14/98	CHL	1868-53-7		
Toluene-d8 (S)	95	%		1.48	05/14/98	CHL	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021565
Client Project ID: 980508-08

Pace Sample No.: 601865870
Client Sample ID: T-27-2-15
Date Collected: 05/07/98
Date Received: 05/11/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 5030				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/14/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/14/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/14/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/14/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/14/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/14/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/14/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/14/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/14/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/14/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/14/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/14/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/14/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/14/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/14/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/14/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.6	05/14/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/14/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/14/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/14/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/14/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/14/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/14/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/14/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/14/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/14/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/14/98	GPO	108-86-1		U

Pace Project Number: 8021566
Client Project ID: 980508-08

Pace Sample No.: 001865876
Client Sample ID: T-27-2-15

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/14/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/14/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/14/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/14/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/14/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/14/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/14/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/14/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/14/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/14/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/14/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/14/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/14/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/14/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/14/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/14/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/14/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/14/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/14/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/14/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/14/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/14/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/14/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/14/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/14/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/14/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/14/98	GPO	91-20-3		U
O-Xylene (1,2 Dimethylbenzene)	ND	ug/kg	5	0.63	05/14/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/14/98	GPO	99-87-6		U
sec Butylbenzene	ND	ug/kg	5	0.67	05/14/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/14/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/14/98	GPO	994-05-8		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865892 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-2-20 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/14/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/14/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/14/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/14/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/14/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/14/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/14/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/14/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/14/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/14/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/14/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/14/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/14/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/14/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/14/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/14/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/14/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/14/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/14/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/14/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/14/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.56	05/14/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/14/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/14/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/14/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/14/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/14/98	GPO	108-86-1		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865892
Client Sample ID: T-27-2-20

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/14/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/14/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/14/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/14/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/14/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/14/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/14/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/14/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/14/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/14/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/14/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/14/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/14/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/14/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/14/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/14/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/14/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/14/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/14/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/14/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/14/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/14/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/14/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/14/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/14/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/14/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/14/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/14/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/14/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.87	05/14/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/14/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/14/98	GPO	994-05-8		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865892
Client Sample ID: T-27-2-20

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/14/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/14/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/14/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/14/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/14/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/14/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/14/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/14/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/14/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	97	%		1.82	05/14/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	113	%		1.01	05/14/98	GPO	460-00-4		
Dibromofluoromethane (S)	98	%		1.81	05/14/98	GPO	1868-53-7		
Toluene-d8 (S)	131	%		1.48	05/14/98	GPO	2037-26-5	5	
Total EPA 8260	ND								

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865918
Client Sample ID: T-27-2-25

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/14/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/14/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/14/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/14/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/14/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/14/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/14/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/14/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/14/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/14/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/14/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/14/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/14/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/14/98	GPO	107-06-2		U
1,2 Dichloropropane	ND	ug/kg	5	0.7	05/14/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/14/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/14/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/14/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/14/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/14/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/14/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/14/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/14/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/14/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/14/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/14/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/14/98	GPO	108-86-1		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865918
Client Sample ID: T-27-2-25

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/14/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/14/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/14/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/14/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/14/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/14/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/14/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/14/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/14/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/14/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/14/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/14/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/14/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/14/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/14/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/14/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/14/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/14/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/14/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/14/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/14/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/14/98	GPO			U
Methyl tert-butyl Ether	ND	ug/kg	5		05/14/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/14/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/14/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/14/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/14/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/14/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/14/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/14/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/14/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/14/98	GPO	994-05-8		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865918
Client Sample ID: T-27-2-25

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/14/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/14/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/14/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/14/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/14/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/14/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/14/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/14/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/14/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	103	%		1.82	05/14/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	115	%		1.01	05/14/98	GPO	460-00-4		
Dibromofluoromethane (S)	102	%		1.81	05/14/98	GPO	1868-53-7		
Toluene-d8 (S)	110	%		1.48	05/14/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601865934 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-2-30 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/14/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/14/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/14/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/14/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/14/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/14/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/14/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/14/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/14/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/14/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/14/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/14/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/14/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/14/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/14/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/14/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/14/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/14/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/14/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/14/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/14/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/14/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/14/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/14/98	GPO	106-43-4		U
4-Methyl 2-Pentanone	ND	ug/kg	10	2.38	05/14/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/14/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/14/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/14/98	GPO	108-86-1		U

Pace Project Number: 6021566
Client Project ID: 980508-08

Pace Sample No.: 601885934
Client Sample ID: T-27-2-30

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/14/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/14/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/14/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/14/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/14/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/14/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/14/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/14/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.46	05/14/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/14/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/14/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/14/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/14/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/14/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/14/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/14/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/14/98	GPO	64-17-5		U
Ethyl-tert butyl ether(ETBE)	ND	ug/kg	5		05/14/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/14/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/14/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/14/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/14/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/14/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/14/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/14/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/14/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/14/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/14/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.69	05/14/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/14/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/14/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/14/98	GPO	994-05-8		U

Pace Project Number: 5021566
Client Project ID: 980508-08

Pace Sample No.: 601865934
Client Sample ID: T-27-2-30

Date Collected: 05/07/98
Date Received: 05/11/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/14/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/14/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/14/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/14/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/14/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/14/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/14/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/14/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/14/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/14/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	103	%		1.82	05/14/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	110	%		1.01	05/14/98	GPO	460-00-4		
Dibromofluoromethane (S)	97	%		1.81	05/14/98	GPO	1868-53-7		
Toluene-d8 (S)	110	%		1.46	05/14/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021566
Client Project ID: 980508-08

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Surrogate recovery outliers below lower control limits for all surrogates. Insufficient sample volume to reanalyze the sample.
[2]	Matrix (MS) and or surrogate spike recovery (S) was affected by the sample matrix. Refer to the batch QC recoveries (Blank and LCS)
[3]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
[4]	The Surrogate recovery value is below the established laboratory control limit value(80%). Not enough sample for re-analysis.
[5]	The Surrogate recovery value exceeded the established laboratory control limit value(117%).
[6]	The Surrogate recovery value exceeded the established laboratory control limit value(121%). No target analytes detected.

Pace Analytical

Page 1 of 2

423114

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI Hayward / Pace LB
Address:
Phone:
Sampled By (PRINT):
Sampler Signature: Date Sampled: 5/7/98

Report To: R Villafania
Bill To:
P.O. # / Billing Reference:
Project Name / No.: CT 86001

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [x] (Week) 2 Weeks
- [ ] Normal 14 Days

Pace Client No.
Pace Project Manager: BN 602566
Pace Project No.: 950508-08
*Requested Due Date: May 15, 27

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8260	REMARKS
1	R4-1-15		S	5728	1						X	
2	R-4-1-20		S	5736	1						X	
3	R4-1-25		S	5744	1						X	
4	T-27-2-35		S	~~TAT~~	1						X	1 week TAT
5	R4-1-SMR		S	5761							X	
6	R4-1-2		S	5769							X	
7	R4-1-5		S	5777							X	
8	R4-1-10		S	5785							X	

SHIPMENT METHOD	AIR BILL NO	SHIPPING DATE	NUMBER OF COOLERS
FEDEX			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	RMCOOK FEDEX			FEDEX	5/11/98	9:15

SAMPLE CONDITION

Temp: °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

MAY 28 '98 22:35 FR PACE LONG BEACH CA 310 597 0786 TO 9151359317 P.13/18

Pace Analytical

Ps 2 of 2

423115

CHAIN-OF-CUSTODY RECORD
Analytical Request

P.14/18

MAY 08 '98 22:36 FR PACE LONG BEACH CA 310 527 0766 TO 919135991759

Client: PSI Hayward / Pace LB	Report To: D. Villafania	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☒ 1 Week (2 Weeks) ☐ Normal 14 Days	Pace Client No.
Address:	Bill To:		Pace Project Manager: DJ
	P.O. # / Billing Reference:		Pace Project No.: 980508-08
Phone:	Project Name / No.: CT 86001		Requested Due Date: May 22, 98
Sampled By (PRINT):			
Sampler Signature:	Date Sampled: 5/7/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8260	REMARKS
1	T-27-2-SUR		S	5801	1						X	
2	T-27-2-2		S	5827	1						X	
3	T-27-2-4		S	5843	1						X	
4	T-27-2-10		S	5868	1						X	
5	T-27-2-15		S	5876	1						X	
6	T-27-2-20		S	5892	1						X	
7	T-27-2-25		S	5918	1						X	
8	T-27-2-30		S	5934	1						X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
FEDEX			

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	FEDEX					

SAMPLE CONDITION

Temp. °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

rev

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

Pace Analytical

May 15, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021565
Client Project ID: 980508-08

Dear :

Enclosed are the results of analyses for sample(s) received on May 11, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, Inc.

SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021565
Client Project ID: 980508-08

Pace Sample No 601865678 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID T-27-2-35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC/MS - VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/11/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/11/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/11/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/11/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/11/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/11/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/11/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/11/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/11/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/11/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/11/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/11/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/11/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/11/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/11/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/11/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.39	05/11/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/11/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/11/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/11/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/11/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.65	05/11/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/11/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/11/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/11/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/11/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	108-86-1		U

Pace Project Number: 6021565
Client Project ID: 980508-08

Pace Sample No: 601865678 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-2-35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Bromochloromethane	ND	ug/kg	5	0.43	05/11/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/11/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/11/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/11/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.09	05/11/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/11/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/11/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/11/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/11/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/11/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/11/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/11/98	GPO	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/11/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/11/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/11/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/11/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/11/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/11/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/11/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/11/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/11/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/11/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/11/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/11/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/11/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.82	05/11/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/11/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/11/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/11/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/11/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/11/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/11/98	GPO	994-05-8		U

Pace Project Number: 6021565
Client Project ID: 980508-08

Pace Sample No: 601865678 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-2 35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/11/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/11/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/11/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/11/98	GPO	108-88-3		U
trans-1,2 Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	156-60 5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/11/98	GPO	10061-02-		U
Trichloroethene	ND	ug/kg	5	0.5	05/11/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/11/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/11/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1 11	05/11/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	94	%		1.82	05/11/98	GPO	17060-07-		
4 Bromofluorobenzene (S)	98	%		1.01	05/11/98	GPO	460-00-4		
Dibromofluoromethane (S)	100	%		1.81	05/11/98	GPO	1868-53-7		
Toluene-d8 (S)	109	%		1 48	05/11/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021565
Client Project ID: 980508-08

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected

Pace Analytical

P3 1 of 2

423114

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI Hayward / Pace LB	Report To: R Villafania	Turnaround Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☒ 1 Week (2 Weeks) ☐ Normal 10 Days	Pace Client No.
Address:	Bill To:		Pace Project Manager: RV
	P.O. # / Billing Reference:		Pace Project No.: 980508-08
Phone:	Project Name / No.: CT 86001		*Requested Due Date: May 15, 22

Sampled By (PRINT):

Sampler Signature: 5/7/98 (Date Sampled)

ITEM NO	SAMPLE DESCRIPTION	TYPE	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8260	REMARKS
1	R4-1-15		S		1						X	
2	R4-1-20		S		1						X	
3	R4-1-25		S		1						X	
4	T-27-2-35		S	1 WK TAT	1						X	1 week TAT (5d
5	R4-1-SMR		S								X	
6	R4-1-2		S								X	
7	R4-1-5		S								X	
8	R4-1-10		S								X	

SHIPMENT METHOD	AIRBILL NO	SHIPPING DATE	NUMBER OF COOLERS
FEDEX			

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	RMOORE FAITEK			FAITEK	5/11/98	9:15

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

MAY 08 '98 22:25 FR PACE LONG BEACH CA 310 597 0786 TO 919259991755 P.12/18

2

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: SFW CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980509-12
PACE ANALYTICAL WO #: 13188a
Client ID #: 8G001 SFW

Date: 6/5/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/08/98 and received on 05/09/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Soil)	2-6
TPH-Speciation (Soil)	7-8
List of Abbreviations and Definitions	9

In addition the analysis for 8260 was subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:9805099-12
PACE ANALYTICAL WO#:131888
Client ID#:8G001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T-25-2-SUR	T-25-2-3	T-25-2-5	T-25-2-10	T-25-2-15	T-25-2-20	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	6.3	6.9	6.8	6.8	8.0	5.0	6010
Barium (Ba)	430	430	170	230	190	190	10	6010
Beryllium (Be)	<0.5	0.5	0.6	<0.5	0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.6	0.5	0.6	<0.5	0.5	6010
Chromium (Cr)	19	19	19	19	20	26	0.5	6010
Cobalt (Co)	12	12	19	12	14	11	1.0	6010
Copper (Cu)	25	25	28	25	33	39	2.5	6010
Lead (Pb)	8.5	410	31	150	31	95	1.0	6010
Mercury (Hg)	0.09	0.08	0.09	0.12	0.07	0.09	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	31	32	38	32	35	50	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.2	<5.0	5.0	5.0	6010
Vanadium (V)	18	19	21	19	20	28	0.5	6010
Zinc (Zn)	61	88	74	80	92	220	10	6010
DF	1	1	1	1	1	1		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0766

PACE ANALYTICAL Project#:980509-12
PACE ANALYTICAL WO#:131668
Client ID#:8G001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T-25-2-25	T-25-3-SUR	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/14/98	05/14/98	05/14/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	92	90	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	12	40	<0.5	0.5	6010
Cobalt (Co)	11	7.8	<1.0	1.0	6010
Copper (Cu)	9.1	19	<2.5	2.5	6010
Lead (Pb)	7.0	49	<1.0	1.0	6010
Mercury (Hg)	0.08	0.37	<50.0	50.0	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	19	32	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	15	33	<0.5	0.5	6010
Zinc (Zn)	35	52	<10	10	6010
DF	1	1	1		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

Pace Analytical

May 15, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021565
Client Project ID: 980508-08

Dear :

Enclosed are the results of analyses for sample(s) received on May 11, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021565
Client Project ID: 980508-08

Pace Sample No 601865678 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID T-27-2-35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC/MS - VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/11/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/11/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/11/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/11/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/11/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/11/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/11/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/11/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/11/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/11/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/11/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/11/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/11/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/11/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/11/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/11/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.39	05/11/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/11/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/11/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/11/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/11/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.65	05/11/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/11/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/11/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/11/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/11/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	108-86-1		U

Pace Project Number: 6021565
Client Project ID: 980508-08

Pace Sample No: 601865678 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-2-35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Bromochloromethane	ND	ug/kg	5	0.43	05/11/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/11/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/11/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/11/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.09	05/11/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/11/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/11/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/11/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/11/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/11/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/11/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/11/98	GPO	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/11/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/11/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/11/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/11/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/11/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/11/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/11/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/11/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/11/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/11/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/11/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/11/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/11/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.82	05/11/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/11/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/11/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/11/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/11/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/11/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/11/98	GPO	994-05-8		U

Pace Project Number: 6021565
Client Project ID: 980508-08

Pace Sample No: 601865678 Date Collected: 05/07/98 Matrix: Soil
Client Sample ID: T-27-2 35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/11/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/11/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/11/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/11/98	GPO	108-88-3		U
trans-1,2 Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	156-60 5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/11/98	GPO	10061-02-		U
Trichloroethene	ND	ug/kg	5	0.5	05/11/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/11/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/11/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1 11	05/11/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	94	%		1.82	05/11/98	GPO	17060-07-		
4 Bromofluorobenzene (S)	98	%		1.01	05/11/98	GPO	460-00-4		
Dibromofluoromethane (S)	100	%		1.81	05/11/98	GPO	1868-53-7		
Toluene-d8 (S)	109	%		1 48	05/11/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021565
Client Project ID: 980508-08

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected

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Pace Analytical

PACE ANALYTICAL Project#:9805099-12
PACE ANALYTICAL WO#:131888
Client ID#:8G001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T-25-2-SUR	T-25-2-3	T-25-2-5	T-25-2-10	T-25-2-15	T-25-2-20	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	6.3	6.9	6.8	6.8	8.0	5.0	6010
Barium (Ba)	430	430	170	230	190	190	10	6010
Beryllium (Be)	<0.5	0.5	0.6	<0.5	0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.6	0.5	0.6	<0.5	0.5	6010
Chromium (Cr)	19	19	19	19	20	26	0.5	6010
Cobalt (Co)	12	12	19	12	14	11	1.0	6010
Copper (Cu)	25	25	28	25	33	39	2.5	6010
Lead (Pb)	8.5	410	31	150	31	95	1.0	6010
Mercury (Hg)	0.09	0.08	0.09	0.12	0.07	0.09	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	31	32	38	32	35	50	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.2	<5.0	5.0	5.0	6010
Vanadium (V)	18	19	21	19	20	28	0.5	6010
Zinc (Zn)	61	88	74	80	92	220	10	6010
DF	1	1	1	1	1	1		

REPORT OF LABORATORY ANALYSIS

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PACE ANALYTICAL Project#:980509-12
PACE ANALYTICAL WO#:131668
Client ID#:8G001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T-25-2-25	T-25-3-SUR	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/14/98	05/14/98	05/14/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	92	90	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	12	40	<0.5	0.5	6010
Cobalt (Co)	11	7.8	<1.0	1.0	6010
Copper (Cu)	9.1	19	<2.5	2.5	6010
Lead (Pb)	7.0	49	<1.0	1.0	6010
Mercury (Hg)	0.08	0.37	<50.0	50.0	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	19	32	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	15	33	<0.5	0.5	6010
Zinc (Zn)	35	52	<10	10	6010
DF	1	1	1		

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/14/98		05/14/98	05/14/98			
Analyte	EPA Method							
Antimony (Sb)	6010	84	70-130	37*	46*	60-130	22	0-25
Arsenic (As)	6010	87	78-104	81	91	34-135	12	0-15
Barium (Ba)	6010	98	81-117	93	103	55-130	10	0-25
Beryllium (Be)	6010	90	70-130	79	81	70-130	2.5	0-25
Cadmium (Cd)	6010	87	75-104	72*	78	73-115	8.4	0-15
Chromium (Cr)	6010	91	81-103	69	65	62-125	6.0	0-15
Cobalt (Co)	6010	89	70-130	67*	66*	70-130	1.5	0-25
Copper (Cu)	6010	92	70-130	73	69*	70-140	5.6	0-25
Lead (Pb)	6010	84	76-104	67	71	48-120	5.8	0-30
Mercury (Hg)	7471	100	76-121	91	91	70-135	0.0	0-30
Molybdenum (Mo)	6010	91	70-130	70	76	70-130	8.2	0-25
Nickel (Ni)	6010	88	70-130	60*	56*	70-130	6.9	0-25
Selenium (Se)	6010	88	79-102	67	74	42-120	9.9	0-16
Silver (Ag)	6010	90	77-107	77	83	53-115	7.5	0-19
Thallium (Tl)	6010	91	70-130	73	76	70-130	4.0	0-25
Vanadium (V)	6010	92	70-130	75	69*	70-130	8.3	0-25
Zinc (Zn)	6010	88	70-130	70	72	70-130	2.8	0-25

*Sample matrix effect

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Pace Analytical

PACE ANALYTICAL Project#:980509-12
PACE ANALYTICAL WO#:131088
Client ID#:BG001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T-25-3-3	T-25-3-5	T-25-3-10	T-25-3-15	T-25-3-20	T-25-3-25	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98		
Analyte									
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	6.7	6.4	6.3	6.6	<5.0	5.0	6010
Barium (Ba)	110	240	240	230	150	160	<10	10	6010
Beryllium (Be)	<0.5	0.7	0.5	0.5	<0.5	0.5	<0.5	0.5	6010
Cadmium (Cd)	0.5	<0.5	0.6	0.6	0.6	0.6	<0.5	0.5	6010
Chromium (Cr)	29	16	20	21	18	21	<0.5	0.5	6010
Cobalt (Co)	6.6	15	11	14	8.8	15	<1.0	1.0	6010
Copper (Cu)	44	29	28	32	24	28	<2.5	2.5	6010
Lead (Pb)	110	10	24	70	25	8.9	<1.0	1.0	6010
Mercury (Hg)	0.29	0.04	0.18	0.06	0.07	0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	23	32	36	39	26	34	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	6.1	5.2	5.8	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	26	18	19	20	17	22	<0.5	0.5	6010
Zinc (Zn)	140	65	74	89	65	67	<10	10	6010
DF	1	1	1	1	1	1	1		

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/14/98		05/14/98	05/14/98			
Analyte	EPA Method							
Antimony (Sb)	6010	87	70-130	40*	39*	60-130	2.5	0-25
Arsenic (As)	6010	89	78-104	70	68	34-135	2.9	0-15
Barium (Ba)	6010	101	81-117	49*	53*	55-130	7.8	0-25
Beryllium (Be)	6010	93	70-130	77	78	70-130	1.3	0-25
Cadmium (Cd)	6010	89	75-104	71*	71*	73-115	0.0	0-15
Chromium (Cr)	6010	93	81-103	69	78	62-125	9.3	0-15
Cobalt (Co)	6010	91	70-130	66*	93	70-130	34	0-25
Copper (Cu)	6010	92	70-130	74	73	70-140	1.4	0-25
Lead (Pb)	6010	88	76-104	0*	0*	48-120	—	0-30
Mercury (Hg)	7471	100	76-121	91	91	70-135	0.0	0-30
Molybdenum (Mo)	6010	94	70-130	70	71	70-130	1.4	0-25
Nickel (Ni)	6010	91	70-130	60*	91	70-130	41	0-25
Selenium (Se)	6010	89	79-102	68	64	42-120	6.1	0-16
Silver (Ag)	6010	92	77-107	74	70	53-115	5.6	0-19
Thallium (Tl)	6010	89	70-130	79	81	70-130	2.5	0-25
Vanadium (V)	6010	94	70-130	73	94	70-130	14	0-25
Zinc (Zn)	6010	90	70-130	65*	64*	70-130	1.6	0-25

*Sample matrix effect.

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Pace Analytical

PACE ANALYTICAL Project#:980509-12
PACE ANALYTICAL WO#:13188a
Client ID#:eG001 SFW

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	PRL mg/Kg	DF
Client ID:	Analysis Date			
Method Blank	06/02/98	<10	10	1
T-25-2-S	06/02/98	<10	10	1
T-25-2-3	06/02/98	<10	10	1
T-25-2-25	06/02/98	<10	10	1
T-25-2-25 Dup.	06/02/98	<10	10	1
T-25-2-10	06/02/98	<10	10	1
T-25-2-15	06/02/98	<10	10	1
T-25-2-20	06/02/98	<10	10	1
T-25-2-5	06/02/98	<10	10	1
T-25-3-S	06/02/98	<10	10	1
T-25-3-3	06/02/98	<10	10	1
T-25-3-5	06/02/98	<10	10	1
T-25-3-10	06/02/98	<10	10	1
T-25-3-15	06/02/98	<10	10	1
T-25-3-15 Dup.	06/02/98	<10	10	1
T-25-3-20	06/02/98	<10	10	1
T-25-3-25	06/02/98	<10	10	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/02/98		06/02/98	06/02/98			
TPH-Speciation	112	80-120	123	124	70-130	0.8	0-30

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

May 21, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021616
Client Project ID: 980509-12

Dear :

Enclosed are the results of analyses for sample(s) received on May 12, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872237 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/19/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/19/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/19/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/19/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/19/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/19/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/19/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/19/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/19/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/19/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/19/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/19/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/19/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/19/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/19/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/19/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/19/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/19/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/19/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/19/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/19/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/19/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/19/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/19/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/19/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	108-86-1		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872237 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/19/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/19/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/19/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/19/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/19/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/19/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/19/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/19/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/19/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.91	05/19/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/19/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/19/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/19/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/19/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/19/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/19/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/19/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/19/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/19/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/19/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/19/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/19/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/19/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/19/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/19/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/19/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/19/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/19/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/19/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/19/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/19/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/19/98	GPO	994-05-8		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872237 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/19/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/19/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/19/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/19/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/19/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/19/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/19/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/19/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/19/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	82	%		1.82	05/19/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	87	%		1.01	05/19/98	GPO	460-00-4		
Dibromofluoromethane (S)	99	%		1.81	05/19/98	GPO	1868-53-7		
Toluene d8 (S)	105	%		1.48	05/19/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872245 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/19/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/19/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/19/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/19/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/19/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/19/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/19/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/19/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/19/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/19/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/19/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/19/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/19/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/19/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/19/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/19/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/19/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/19/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/19/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/19/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/19/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/19/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/19/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/19/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/19/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-12

Pace Sample No.: 601872245 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/19/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/19/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/19/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/19/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.09	05/19/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/19/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/19/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/19/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/19/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/19/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/19/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/19/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/19/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/19/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/19/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/19/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/19/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/19/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/19/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/19/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/19/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/19/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/19/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/19/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/19/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/19/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/19/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.83	05/19/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/19/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/19/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/19/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/19/98	GPO	994-05-8		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No: 601872245 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/19/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/19/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/19/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/19/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/19/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/19/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/19/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/19/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/19/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	87	%		1.82	05/19/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	92	%		1.01	05/19/98	GPO	460-00-4		
Dibromofluoromethane (S)	103	%		1.81	05/19/98	GPO	1868-53-7		
Toluene-d8 (S)	116	%		1.48	05/19/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872252 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/19/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/19/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/19/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/19/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/19/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/19/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/19/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/19/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/19/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/19/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/19/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/19/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/19/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/19/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/19/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.6	05/19/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/19/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/19/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/19/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/19/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.56	05/19/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/19/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/19/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/19/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/19/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	108-86-1		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872252 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/19/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/19/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/19/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/19/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/19/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/19/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/19/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/19/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/19/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/19/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/19/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/19/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/19/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/19/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/19/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/19/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/19/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/19/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.55	05/19/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/19/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/19/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/19/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/19/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/19/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/19/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/19/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/19/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/19/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/19/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/19/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/19/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/19/98	GPO	994-05-8		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872252 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/19/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/19/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/19/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/19/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/19/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/19/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/19/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/19/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/19/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	87	%		1.82	05/19/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	93	%		1.01	05/19/98	GPO	460-00-4		
Dibromofluoromethane (S)	104	%		1.81	05/19/98	GPO	1868-53-7		
Toluene-d8 (S)	102	%		1.48	05/19/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872260 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/19/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/19/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/19/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/19/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/19/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/19/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/19/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/19/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/19/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/19/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/19/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/19/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/19/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/19/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/19/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/19/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.89	05/19/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/19/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/19/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/19/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/19/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/19/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/19/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/19/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/19/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	108-86-1		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872260 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/19/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/19/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/19/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/19/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/19/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/19/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/19/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/19/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/19/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/19/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/19/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/19/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/19/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/19/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/19/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/19/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/19/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/19/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/19/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/19/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/19/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/19/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/19/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/19/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/19/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/19/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.95	05/19/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/19/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/19/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/19/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/19/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/19/98	GPO	994-05-8		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872260 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/19/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/19/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/19/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/19/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/19/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/19/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/19/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/19/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/19/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	88	%		1.82	05/19/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	87	%		1.01	05/19/98	GPO	460-00-4		
Dibromofluoromethane (S)	107	%		1.81	05/19/98	GPO	1868-53-7		
Toluene-d8 (S)	105	%		1.48	05/19/98	GPO	2037-26-5		

Total EPA 8260 **ND**

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872278 Date Collected: 05/09/98 Matrix: Soil
Client Sample ID: T-25-2-15 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 5030			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/19/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/19/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/19/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/19/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/19/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/19/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/19/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.58	05/19/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/19/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.46	05/19/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/19/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/19/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/19/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/19/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/19/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/19/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.89	05/19/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/19/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/19/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/19/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/19/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/19/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/19/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/19/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/19/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	108-86-1		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872279 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-15 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/19/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/19/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/19/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/19/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/19/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/19/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/19/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/19/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/19/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/19/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/19/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/19/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/19/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/19/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/19/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/19/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/19/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/19/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/19/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/19/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/19/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/19/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/19/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/19/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/19/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/19/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/19/98	GPO	91-20-3		U
O Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/19/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.69	05/19/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/19/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/19/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/19/98	GPO	994-05-8		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872278 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-15 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/19/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/19/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/19/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/19/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/19/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/19/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/19/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/19/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/19/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	88	%		1.82	05/19/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	91	%		1.01	05/19/98	GPO	460-00-4		
Dibromofluoromethane (S)	105	%		1.61	05/19/98	GPO	1868-53-7		
Toluene-d8 (S)	111	%		1.48	05/19/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 8021616
Client Project ID: 980509-12

Pace Sample No.: 601872286 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-Z-20 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/19/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/19/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/19/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/19/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/19/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/19/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/19/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/19/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/19/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/19/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/19/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/19/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/19/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/19/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/19/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/19/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/19/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/19/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/19/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/19/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/19/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/19/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/19/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/19/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/19/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	108-86-1		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872286 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-20 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/19/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/19/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/19/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/19/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/19/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/19/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/19/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/19/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/19/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/19/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/19/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/19/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/19/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/19/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/19/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/19/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/19/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/19/98	GPO	637 92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/19/98	GPO	100 41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.95	05/19/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/19/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/19/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/19/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/19/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/19/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/19/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/19/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/19/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/19/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/19/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/19/98	GPO	100 42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/19/98	GPO	994-05-8		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No: 601872286 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-20 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/19/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/19/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/19/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/19/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.62	05/19/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/19/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/19/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/19/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/19/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/19/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	89	%		1.82	05/19/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	93	%		1.01	05/19/98	GPO	460-00-4		
Dibromofluoromethane (S)	103	%		1.81	05/19/98	GPO	1868-53-7		
Toluene-d8 (S)	108	%		1.48	05/19/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872294 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/19/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/19/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/19/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/19/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/19/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/19/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/19/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/19/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/19/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/19/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/19/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/19/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/19/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/19/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/19/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/19/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/19/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/19/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/19/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/19/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/19/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.36	05/19/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/19/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/19/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/19/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	108-86-1		U

Pace Project Number: 6021610
Client Project ID: 980509-12

Pace Sample No.: 601872294 Date Collected: 05/09/98 Matrix: Soil
Client Sample ID: T-25-3-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/19/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/19/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/19/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/19/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.09	05/19/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/19/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/19/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/19/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/19/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/19/98	GPO	74-87-3		U
cis-1,2 Dichloroethene	ND	ug/kg	5	0.39	05/19/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/19/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/19/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/19/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/19/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/19/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/19/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/19/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/19/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/19/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/19/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/19/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/19/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/19/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/19/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/19/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/19/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/19/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/19/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/19/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/19/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/19/98	GPO	994-05-8		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872294 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/19/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/19/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/19/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/19/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/19/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/19/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/19/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/19/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/19/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	88	%		1.82	05/19/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	101	%		1.01	05/19/98	GPO	460-00-4		
Dibromofluoromethane (S)	104	%		1.81	05/19/98	GPO	1868-53-7		
Toluene-d8 (S)	119	%		1.49	05/19/98	GPO	2037-26-5	1	
Total EPA 8260	ND								

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872302 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/19/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/19/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/19/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/19/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/19/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/19/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/19/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/19/98	GPO	96-18 4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/19/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/19/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1 13	05/19/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/19/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/19/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/19/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/19/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0 29	05/19/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/19/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/19/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2 72	05/19/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/19/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/19/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/19/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/19/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/19/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/19/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/19/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0 53	05/19/98	GPO	108-86-1		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872302 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/19/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/19/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.49	05/19/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/19/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/19/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/19/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/19/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/19/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/19/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/19/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/19/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/19/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/19/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/19/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/19/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/19/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/19/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/19/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/19/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/19/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.87	05/19/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/19/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/19/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/19/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/19/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/19/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/19/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/19/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/19/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/19/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/19/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/19/98	GPO	994-05-8		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872302 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/19/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/19/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/19/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/19/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/19/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/19/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/19/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/19/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/19/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	96	%		1.82	05/19/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	93	%		1.01	05/19/98	GPO	460-00-4		
Dibromofluoromethane (S)	112	%		1.81	05/19/98	GPO	1868-53-7		
Toluene-d8 (S)	114	%		1.48	05/19/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872310 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/19/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/19/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/19/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/19/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/19/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/19/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/19/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/19/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/19/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/19/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/19/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/19/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/19/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/19/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/19/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/19/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/19/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/19/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/19/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/19/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/19/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/19/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/19/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/19/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/19/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	108-86-1		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872310 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/19/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/19/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/19/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/19/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/19/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/19/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/19/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/19/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/19/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/19/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/19/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/19/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/19/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/19/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/19/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/19/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/19/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/19/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/19/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/19/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/19/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/19/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/19/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/19/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/19/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/19/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/19/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/19/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/19/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/19/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/19/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/19/98	GPO	994-05-8		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872310 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/19/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/19/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/19/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/19/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/19/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/19/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/19/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/19/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/19/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	85	%		1.82	05/19/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	89	%		1.01	05/19/98	GPO	460-00-4		
Dibromofluoromethane (S)	102	%		1.81	05/19/98	GPO	1868-53-7		
Toluene-d8 (S)	106	%		1.48	05/19/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021618
Client Project ID: 980509-12

Pace Sample No.: 601872328 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/19/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/19/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/19/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/19/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/19/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/19/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/19/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/19/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/19/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/19/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/19/98	GPO	96-12-8		U
1,2 Dibromoethane	ND	ug/kg	5	0.46	05/19/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/19/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/19/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/19/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/19/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/19/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/19/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/19/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/19/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/19/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/19/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/19/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/19/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/19/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	108-86-1		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872328 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/19/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/19/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/19/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/19/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/19/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/19/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/19/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/19/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/19/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/19/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/19/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/19/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/19/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/19/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/19/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/19/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/19/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/19/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/19/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/19/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/19/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/19/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/19/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/19/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/19/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/19/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/19/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/19/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/19/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/19/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/19/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/19/98	GPO	994-05-8		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872328 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/19/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/19/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/19/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/19/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/19/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/19/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/19/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/19/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/19/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	92	%		1.02	05/19/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	84	%		1.01	05/19/98	GPO	460-00-4		
Dibromofluoromethane (S)	103	%		1.81	05/19/98	GPO	1868-53-7		
Toluene-d8 (S)	107	%		1.48	05/19/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872336 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-15 Date Received: 05/12/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/19/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/19/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/19/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/19/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/19/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/19/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/19/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/19/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/19/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.46	05/19/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/19/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/19/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	95-50-1		U
1,2 Dichloroethane	ND	ug/kg	5	0.51	05/19/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/19/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/19/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/19/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	106-46-7		U
2,2 Dichloropropane	ND	ug/kg	5	0.99	05/19/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/19/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/19/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/19/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/19/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/19/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/19/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/19/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/19/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	108-86-1		U

Pace Project Number: 6021616
Client Project ID: 980509-1Z

Pace Sample No.: 601872336 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-15 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/19/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/19/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/19/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/19/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/19/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/19/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/19/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/19/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/19/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/19/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/19/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/19/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/19/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/19/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/19/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/19/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/19/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/19/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/19/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/19/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/19/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/19/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/19/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/19/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/19/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/19/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/19/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/19/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/19/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/19/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/19/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/19/98	GPO	994-05-8		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872330 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-15 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/19/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/19/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/19/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/19/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/19/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/19/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/19/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/19/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/19/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	90	%		1.62	05/19/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	92	%		1.01	05/19/98	GPO	460-00-4		
Dibromofluoromethane (S)	100	%		1.61	05/19/98	GPO	1868-53-7		
Toluene d8 (S)	112	%		1.48	05/19/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872344 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-20 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/19/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/19/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/19/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/19/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/19/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/19/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/19/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/19/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/19/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/19/98	GPO	95-63-6		U
1,2 Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/19/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/19/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.61	05/19/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/19/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/19/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/19/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/19/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/19/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/19/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/19/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/19/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/19/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/19/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/19/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/19/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	108-86-1		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872344 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-20 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/19/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/19/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/19/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/19/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/19/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/19/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/19/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/19/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/19/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/19/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/19/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/19/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/19/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/19/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/19/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/19/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/19/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/19/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/19/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.86	05/19/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/19/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/19/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/19/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/19/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/19/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/19/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.86	05/19/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/19/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/19/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/19/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/19/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/19/98	GPO	994-05-8		U

Pace Project Number: 6021616
Client Project ID: 980509-12

Pace Sample No.: 601872344 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-20 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-Butyl Alcohol(TBA)	ND	ug/kg	100		05/19/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/19/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/19/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/19/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/19/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/19/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/19/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/19/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/19/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	94	%		1.82	05/19/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	95	%		1.01	05/19/98	GPO	460-00-4		
Dibromofluoromethane (S)	102	%		1.81	05/19/98	GPO	1868-53-7		
Toluene-d8 (S)	117	%		1.48	05/19/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021616
Client Project ID: 980509-12

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	The Surrogate recovery value exceeded the established laboratory control limit value(117%)

Pace Analytical — Lancaster, PA

423201

CHAIN-OF-CUSTODY RECORD
Analytical Request

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Client: PACE LONG BEACH	Report To:	Turn around time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: SEE PAGE 1	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No. 6021646
Phone	Project Name / No. 131BA/980509-12		*Requested Due Date: 5-25

Sampled By (PRINT):

Sampler Signature

Date Sampled: 5-8-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: X 8260	REMARKS
1	T-25-3-SUR		SOIL	2291							X	CAL TRANS
2	T-25-3-3			2302								
3	T-25-3-5			2310								
4	T-25-3-10			2328								
5	T-25-3-15			2330								
6	T-25-3-20			2344								
7	T-25-3-25											RUSH 1 WEEK
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Hunglam/Pace L.B.	5-11-98	1700			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

4/97

Pace Analytical

SUBCONT TO KANSAS

423881

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PST Hayward/PACE Long Beach	Report To: LOREN KINYON	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week (2 Weeks) ☐ Normal 14 Days	Pace Client No.
Address: 417 Grand St, Long Beach, CA 90615	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No. 602196 602146
Phone: (562)498-9515	Project Name / No. 13188A/980509-12		*Requested Due Date: 5-25-98

Sampled By (PRINT): ELIAS PST HAYWARD
Sampler Signature
Date Sampled: 5-8-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8260	REMARKS
1	T-25-2-SUR		S	2237	1						X	CAL TRANS
2	T-25-2-3			2245								
3	T-25-2-5			2252								
4	T-25-2-10			2260								
5	T-25-2-15			2278								
6	T-25-2-20			2286								
7	T-25-2-25		V		V						V	RUSH 1 WEEK
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Hung Lam/Pace LB.	5.11.98	1700			

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

Pace Analytical

May 19, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021598
Client Project ID: 980509-12

Dear :

Enclosed are the results of analyses for sample(s) received on May 12, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full
without the written consent of Pace Analytical Services, Inc.

SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021598
Client Project ID: 980509-12

Pace Sample No.: 601869928 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-25 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/15/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/15/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/15/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/15/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/15/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/15/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/15/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/15/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/15/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/15/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/15/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/15/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/15/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/15/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/15/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/15/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/15/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/15/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/15/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/15/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/15/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/15/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/15/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/15/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/15/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	108-86-1		U

Pace Project Number: 6021598
Client Project ID: 980509-12

Pace Sample No.: 601869928 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-25 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/15/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/15/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/15/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/15/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/15/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/15/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/15/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/15/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.46	05/15/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/15/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/15/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/15/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/15/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/15/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/15/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/15/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/15/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/15/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/15/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/15/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/15/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/15/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/15/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/15/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/15/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/15/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/15/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/15/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/15/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/15/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/15/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/15/98	GPO	994-05-8		U

Pace Project Number: 6021598
Client Project ID: 980509-12

Pace Sample No.: 601869928 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-3-25 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/15/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/15/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/15/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/15/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/15/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/15/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/15/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/15/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/15/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	85	%		1.92	05/15/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	93	%		1.01	05/15/98	GPO	460-00-4		
Dibromofluoromethane (S)	105	%		1.81	05/15/98	GPO	1868-53-7		
Toluene-d8 (S)	113	%		1.48	05/15/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021598
Client Project ID: 980509-12

Pace Sample No.: 601672983 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-25 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/16/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/16/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/16/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/16/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/16/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/16/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/16/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/16/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/16/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/16/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/16/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/16/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/16/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/16/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/16/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/16/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/16/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/16/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/16/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/16/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/16/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/16/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/16/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/16/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/16/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/16/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/16/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/16/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/16/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/16/98	GPO	108-86-1		U

Pace Project Number: 6021598
Client Project ID: 980509-12

Pace Sample No.: 601872983 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-25 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/16/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/16/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/16/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/16/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/16/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/16/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/16/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/16/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/16/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/16/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/16/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/16/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/16/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/16/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/16/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/16/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/16/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/16/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/16/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/16/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/16/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/16/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/16/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/16/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/16/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/16/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/16/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/16/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/16/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/16/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/16/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/16/98	GPO	994-05-8		U

Pace Project Number: 6021598
Client Project ID: 980509-12

Pace Sample No.: 601872963 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T-25-2-25 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/16/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/16/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/16/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/16/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/16/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.59	05/16/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/16/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/16/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/16/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/16/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	78	%		1.82	05/16/98	GPO	17060-07-0	1	
4-Bromofluorobenzene (S)	81	%		1.01	05/16/98	GPO	460-00-4		
Dibromofluoromethane (S)	98	%		1.81	05/16/98	GPO	1868-53-7		
Toluene-d8 (S)	100	%		1.48	05/16/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021598
Client Project ID: 980509-12

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected
[1]	The Surrogate recovery value is below the established laboratory control limit value(80%). Not enough sample for re-analysis.

SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021568
Client Project ID: 980508-09

Attn: PROJECT MANAGER
Phone: (562)498-9515

Pace Sample No.:	501865983	Date Collected:	05/06/98	Matrix:	Soil
Client Sample ID:	R5-2-25	Date Received:	05/11/98		

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.

Pace Project Number: 6021568
Client Project ID: 980508-09

Pace Sample No.: 601865983 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-2-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/11/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/11/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/11/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/11/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/11/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/11/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/11/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/11/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/11/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/11/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/11/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/11/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/11/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/11/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/11/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/11/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/11/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/11/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/11/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/11/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/11/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/11/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/11/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/11/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/11/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	108-86-1		U

Pace Project Number: 6021569
Client Project ID: 980508-09

Pace Sample No.: 601865983 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-Z-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/11/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/11/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/11/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/11/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/11/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/11/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/11/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/11/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/11/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/11/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/11/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/11/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/11/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/11/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/11/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/11/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/11/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/11/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/11/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/11/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/11/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/11/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/11/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/11/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/11/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/11/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/11/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/11/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/11/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/11/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/11/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/11/98	GPO	994-05-8		U

Pace Project Number: 6021568
Client Project ID: 980508-09

Pace Sample No.: 601965983 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-2-25 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/11/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/11/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/11/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/11/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/11/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/11/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/11/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/11/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/11/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	102	%		1.82	05/11/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	111	%		1.01	05/11/98	GPO	460-00-4		
Dibromofluoromethane (S)	103	%		1.81	05/11/98	GPO	1868-53-7		
Toluene-d8 (S)	112	%		1.48	05/11/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021568
Client Project ID: 980508-09

Pace Sample No.: 601865991 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/11/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/11/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/11/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/11/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/11/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/11/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/11/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/11/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/11/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/11/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/11/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/11/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/11/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/11/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/11/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/11/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/11/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/11/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/11/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/11/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/11/98	GPO	591-78 6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/11/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/11/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/11/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/11/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	108-86-1		U

Pace Project Number: 6021568
Client Project ID: 980508-09

Pace Sample No.: 601865991 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/11/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/11/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/11/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/11/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/11/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/11/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/11/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/11/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/11/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/11/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/11/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/11/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/11/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/11/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/11/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/11/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/11/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/11/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/11/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/11/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/11/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/11/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/11/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/11/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/11/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/11/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/11/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/11/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/11/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/11/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/11/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/11/98	GPO	994-05-8		U

Pace Project Number: 6021568
Client Project ID: 980508-09

Pace Sample No.: 601865991 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: R5-1-35 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/11/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/11/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/11/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/11/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/11/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/11/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/11/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/11/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/11/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	99	%		1.82	05/11/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	107	%		1.01	05/11/98	GPO	460-00-4		
Dibromofluoromethane (S)	102	%		1.81	05/11/98	GPO	1868-53-7		
Toluene-d8 (S)	111	%		1.48	05/11/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021568
Client Project ID: 980508-09

Pace Sample No.: 601866007 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-55 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/11/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/11/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/11/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/11/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/11/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/11/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/11/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/11/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/11/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/11/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/11/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/11/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/11/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/11/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/11/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/11/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/11/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/11/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/11/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/11/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/11/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/11/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/11/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/11/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/11/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/11/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/11/98	GPO	108-86-1		U

Pace Project Number: 6021568
Client Project ID: 980508-09

Pace Sample No.: 601866007 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-55 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/11/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/11/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/11/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/11/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/11/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/11/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/11/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/11/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/11/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/11/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/11/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/11/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/11/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/11/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/11/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/11/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/11/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/11/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.85	05/11/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/11/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/11/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/11/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/11/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/11/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/11/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/11/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/11/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/11/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/11/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/11/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/11/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/11/98	GPO	994-05-8		U

Pace Project Number: 6021568
Client Project ID: 980508-09

Pace Sample No.: 601866007 Date Collected: 05/06/98 Matrix: Soil
Client Sample ID: T-28-2-55 Date Received: 05/11/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/11/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/11/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/11/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/11/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/11/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/11/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/11/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/11/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/11/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/11/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	102	%		1.82	05/11/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	111	%		1.01	05/11/98	GPO	460-00-4		
Dibromofluoromethane (S)	104	%		1.81	05/11/98	GPO	1868-53-7		
Toluene-d8 (S)	117	%		1.48	05/11/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 5021568
Client Project ID: 980508-09

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected

Pace Analytical

423201

CHAIN-OF-CUSTODY RECORD
Analytical Request

PAGE 2/2

Client: PACE LONG BEACH
Address: SAME
Phone:
Sampled By (PRINT):
Sampler Signature:
Date Sampled: 5-8-98

Report To:
Bill To:
P.O. # / Billing Reference:
Project Name / No.: 1316BA/980509-12

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No:
Pace Project Manager:
Pace Project No.:
*Requested Due Date: 5/15

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	PRESERVATIVES H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST
1	1-25-3-SUR		S								X
2	1-25-3-3										
3	1-25-3-5										
4	1-25-3-10										
5	1-25-3-15										
6	1-25-3-20										
7	1-25-3-25	9928									
8											

8260

REMARKS
CAL TRANS
RUSH 1 WEEK

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Hung Lee/Pace LB.	5/11/98	1700			

SAMPLE CONDITION

Temp. ___ °C | Received on Ice: Y / N | Sealed Cooler Y / N | Samples Intact Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

6-97

Pace Analytical — CONSULTANTS

PAGE 1/2

423881

CHAIN-OF-CUSTODY RECORD, Analytical Request

Client: PST Hayward/Pace Long Beach
Address: 3176 Gilman St. Long Beach, CA 90815
Phone: (562) 498-9515
Sampled By (PRINT): Chris PST Hayward
Sampler Signature: Chris PST Hayward
Date Sampled: 5-8-98

Report To: Lee Kinyon
Bill To:
P.O. # / Billing Reference:
Project Name / No.: 13188A/980509-12

Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week (2 Weeks) ☐ Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.: 6021598
*Requested Due Date: 5-25-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8260	REMARKS
1	T-25-2-SUR		S		1						X	CAL TRANS
2	T-25-2-3											
3	T-25-2-5											
4	T-25-2-10											
5	T-25-2-15											
6	T-25-2-20											
7	T-25-2-25			60187263								
8												

Rush 1 week

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Hung Lam / Pace L.B.	5-11-98	1700			

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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13108A 423416
980509-12

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W Winton Ave Hayward CA 94545	Bill To: Same		Pace Project Manager
	P.O. # / Billing Reference: 86001 SFW		Pace Project No
Phone: 510 785 1111	Project Name / No.		*Requested Due Date: 5-25-98

Sampled By (PRINT): Tim O'Brien

Sampler Signature: Tim O'Brien Date Sampled: 5/6/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM17	TPH-D	8260	REMARKS
1	T-25-2-SUR		S		1						X	X	X	
2	T-25-2-3		S		1						X	X	X	
3	T-25-2-5		S		1						X	X	X	
4	T-25-2-10		S		1						X	X	X	
5	T-25-2-15		S		1						X	X	X	
6	T-25-2-20		S		1						X	X	X	
7	T-25-2-25		S		1						X	X	X	Rush (week)
8	T-25-2-30		S		1									

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Tim O'Brien	5/6/98		Hunglam/Pace	5-9-98	1300

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Page 2/2 15180A 980509-12 423417

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PST
Address: 1320 W. Winton Ave
Hayward CA 94545
Phone: 510 785 1111

Report To: Frank Ross
Bill To: same
P.O. # / Billing Reference: 86001 SFW
Project Name / No.:

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.:
*Requested Due Date:

Sampled By (PRINT): Tim O'Brien
Sampler Signature: Tim O'Brien
Date Sampled: 5/8/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	TPH-D	8260	REMARKS
1	T-25-3-SUR		S		1						X	X	X	
2	T-25-3-3		S		1						X	X	X	
3	T-25-3-5		S		1						X	X	X	
4	T-25-3-10		S		1						X	X	X	
5	T-25-3-15		S		1						X	X	X	
6	T-25-3-20		S		1						X	X	X	
7	T-25-3-25		S		1						X	X	X	Rush (1 week)
8	T-25-3-30		S		1						X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Tim O'Brien	5/8/98		Hunglam/Pace	5-9-98	1000

SAMPLE CONDITION

Temp: ___ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980511-02
PACE ANALYTICAL WO #: 13194A
Client ID #:8G001

Date: 6/9/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/08/98 and received on 05/11/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TPH-Speciation (Soil)	2-3
CAM Metals (Soil)	4-6
List of Abbreviations and Definitions	7

In addition, the analyses for 8260, 8270, 8080 and Mercury were subcontracted to outside laboratories and reported under separate cover.

Reviewed by,
Richard Villafana, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980511-02
PACE ANALYTICAL WO#:13194A
Client ID#:8G001

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	05/18/98	<10	---	10	1
TH26-1-S	05/18/98	80	C16-C40*	10	1
TH26-1-3.0	05/18/98	410	C16-C40*	10	1
TH26-1-6.0	05/18/98	<10	---	10	1
TH27-1-S	05/18/98	90	C18-C40*	10	1
D2-S	05/18/98	60	C20-C40*	10	1
D2-3.0	05/18/98	130	C20-C40*	10	1
D3-S	05/18/98	<10	---	10	1
D3-3.0	05/19/98	<10	---	10	1
D6-S	05/18/98	<10	---	10	1
D7-S	05/19/98	210	C18-C40*	10	1

*Degraded oil

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
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Pace Analytical

PACE ANALYTICAL Project#:980511-02
PACE ANALYTICAL WO#:13194A
Client ID#:BG001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/18/98		05/18/98	05/18/98			
TPH-Speciation	102	80-120	109	96	70-130	13	0-30

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/19/98		05/19/98	05/19/98			
TPH-Speciation	102	80-120	111	94	70-130	17	0-30

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980511-02
PACE ANALYTICAL WO#:13194A
Client ID#:8G001

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF COR TITLE 22/26 TTLC METALS

Client ID:	TH26-1-S	TH26-1-3.0	TH26-1-5.0	TH27-1-S	D2-S	D2-3.0	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	25	5.0	5.4	9.4	5.6	<5.0	5.0	6010
Barium (Ba)	310	450	190	170	190	110	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	2.3	0.9	<0.5	1.3	0.8	<0.5	0.5	6010
Chromium (Cr)	40	19	26	42	32	48	0.5	6010
Cobalt (Co)	12	7.3	9.5	11	8.8	7.5	1.0	6010
Copper (Cu)	150	69	24	99	32	18	2.5	6010
Lead (Pb)	1800	2300	150	1100	120	27	1.0	6010
Mercury (Hg)*	1.36	0.93	0.65	0.58	0.31	0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	36	24	27	40	29	27	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	6.7	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	32	24	26	42	29	37	0.5	6010
Zinc (Zn)	430	260	73	390	140	61	10	6010
DF	1	1	1	1	1	1		

* Analzyed at ATL, 5/21/98.

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980511-02
PACE ANALYTICAL WO#:13184A
Client ID#:8G001

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D3-S	D3-3.0	D6-S	D7-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.6	7.1	11	9.8	<5.0	5.0	6010
Barium (Ba)	94	160	270	250	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.5	0.8	2.6	0.6	<0.5	0.5	6010
Chromium (Cr)	48	47	38	26	<0.5	0.5	6010
Cobalt (Co)	9.4	9.3	10	12	<1.0	1.0	6010
Copper (Cu)	22	26	120	28	<2.5	2.5	6010
Lead (Pb)	19	140	590	18	<1.0	1.0	6010
Mercury (Hg)*	<0.10	<0.10	<0.10	0.11	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	37	33	34	37	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	5.1	5.5	<5.0	<5.0	5.0	6010
Vanadium (V)	41	33	33	25	<0.5	0.5	6010
Zinc (Zn)	45	130	320	83	<10	10	6010
DF	1	1	1	1	1		

* Analyzed at ATL, 5/21/98.

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
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Pace Analytical

PACE ANALYTICAL Project#:980511-02
PACE ANALYTICAL WO#:13194A
Client ID#:8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/20/98		05/20/98	05/20/98			
Analyte	EPA Method							
Antimony (Sb)	6010	85	70-130	48**	47**	60-130	2.1	0-25
Arsenic (As)	6010	86	78-104	76	84	34-135	10	0-15
Barium (Ba)	6010	92	81-117	86	92	55-130	6.7	0-25
Beryllium (Be)	6010	85	70-130	81	81	70-130	0	0-25
Cadmium (Cd)	6010	82	75-104	74	77	73-115	4.0	0-15
Chromium (Cr)	6010	86	81-103	82	83	62-125	1.2	0-15
Cobalt (Co)	6010	85	70-130	75	77	70-130	2.6	0-25
Copper (Cu)	6010	86	70-130	70	79	70-140	12	0-25
Lead (Pb)	6010	84	76-104	51	54	48-120	5.7	0-30
Mercury (Hg)	7471	105	75-121	89	95	70-135	4	0-30
Molybdenum (Mo)	6010	87	70-130	79	80	70-130	1.3	0-25
Nickel (Ni)	6010	84	70-130	79	77	70-130	2.6	0-25
Selenium (Se)	6010	86	79-102	80	80	42-120	0	0-16
Silver (Ag)	6010	96	77-107	77	77	53-115	0	0-19
Thallium (Tl)	6010	88	70-130	84	89	70-130	5.8	0-25
Vanadium (V)	6010	87	70-130	101	89	70-130	13	0-25
Zinc (Zn)	6010	84	70-130	62**	69**	70-130	11	0-25

* Analyzed at ATL. 5/21/98.
**Sample matrix effect.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, Inc.
3970 Gaman St.
Long Beach, CA 90815
Tel 562-498-9515
Fax 562-597-0786

Pace Analytical

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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Advanced Technology Laboratories

May 19, 1998 ELAP No.: 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: 13194A/980511-02
Lab No.: 25856-001/010

Gentlemen

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13194A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:		Method Blank		25856-001		25856-002		25856-003		25856-004	
Client Sample I.D.:		—		TH26-1-SUR		TH26-1-3.0		TH26-1-5.0		TH27-1-SUR	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
rans-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloropropene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Ethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Hexachlorobutadiene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Isopropylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
p-Isopropyltoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Methylene Chloride	20	20	ND	20	ND	20	ND	20	ND	20	ND
Methyl tert-Butyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND
Naphthalene	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Propylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Styrene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Tetrachloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Toluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,4-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichlorofluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2,4-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3,5-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Vinyl Chloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Xylenes (Total)	5	5	ND	5	15	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 5/13/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13194A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	Method Blank		25856-001		25856-002		25856-003		25856-004	
Client Sample I.D.:	--		TH26-1-SUR		TH26-1-3.0		TH26-1-5.0		TH27-1-SUR	
Date Sampled:	--		05/08/98		05/08/98		05/08/98		05/08/98	
QC Batch #:	P98VOCS085		P98VOCS085		P98VOCS085		P98VOCS085		P98VOCS085	
Date Analyzed:	05/14/98		05/14/98		05/14/98		05/14/98		05/14/98	
Analyst Initials:	EM		EM		EM		EM		EM	
Dilution Factor:	1		1		1		1		1	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Benzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromodichloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromoform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
sec-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
tert-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Carbon tetrachloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
4-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromochloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dibromo-3-chloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2-Dibromoethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,4-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dichlorodifluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloroethane	5	5	5	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
cis-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13194A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:		Method Blank		25856-005		25856-006		25856-007		25856-008	
Client Sample I.D.:		–		D2-SUR		D2-3.0		D3-SUR		D3-3.0	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
rans-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloropropene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Ethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Hexachlorobutadiene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Isopropylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
p-Isopropyltoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Methylene Chloride	20	20	ND	20	ND	20	ND	20	ND	20	ND
Methyl tert-Butyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND
Naphthalene	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Propylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Styrene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Tetrachloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Toluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,4-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichlorofluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2,4-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3,5-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Vinyl Chloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Xylenes (Total)	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 5/12/98

Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13194A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	Method Blank		25856-005		25856-006		25856-007		25856-008	
Client Sample I.D.:	–		D2-SUR		D2-3.0		D3-SUR		D3-3.0	
Date Sampled:	–		05/08/98		05/08/98		05/08/98		05/08/98	
QC Batch #:	P98VOCS085		P98VOCS085		P98VOCS085		P98VOCS085		P98VOCS085	
Date Analyzed:	05/14/98		05/14/98		05/14/98		05/14/98		05/14/98	
Analyst Initials:	EM		EM		EM		EM		EM	
Dilution Factor:	1		1		1		1		1	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Benzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromodichloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromoform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
sec-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
tert-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Carbon tetrachloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
4-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromochloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dibromo-3-chloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2-Dibromoethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,4-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dichlorodifluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
cis-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13194A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	Method Blank		25856-009		25856-010					
Client Sample I.D.:	--		D6-SUR		D7-SUR					
Date Sampled:	--		05/08/98		05/08/98					
QC Batch #:	P98VOCS085		P98VOCS085		P98VOCS085					
Date Analyzed:	05/14/98		05/14/98		05/14/98					
Analyst Initials:	EM		EM		EM					
Dilution Factor:	1		1		1					
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Benzene	5	5	ND	5	ND	5	ND				
Bromobenzene	5	5	ND	5	ND	5	ND				
Bromodichloromethane	5	5	ND	5	ND	5	ND				
Bromoform	5	5	ND	5	ND	5	ND				
Bromomethane	5	5	ND	5	ND	5	ND				
n-Butylbenzene	5	5	ND	5	ND	5	ND				
sec-Butylbenzene	5	5	ND	5	ND	5	ND				
tert-Butylbenzene	5	5	ND	5	ND	5	ND				
Carbon tetrachloride	5	5	ND	5	ND	5	ND				
Chlorobenzene	5	5	ND	5	ND	5	ND				
Chloroethane	5	5	ND	5	ND	5	ND				
Chloroform	5	5	ND	5	ND	5	ND				
Chloromethane	5	5	ND	5	ND	5	ND				
2-Chlorotoluene	5	5	ND	5	ND	5	ND				
4-Chlorotoluene	5	5	ND	5	ND	5	ND				
Dibromochloromethane	5	5	ND	5	ND	5	ND				
1,2-Dibromo-3-chloropropane	10	10	ND	10	ND	10	ND				
1,2-Dibromoethane	5	5	ND	5	ND	5	ND				
Dibromomethane	5	5	ND	5	ND	5	ND				
1,2-Dichlorobenzene	5	5	ND	5	ND	5	ND				
1,3-Dichlorobenzene	5	5	ND	5	ND	5	ND				
1,4-Dichlorobenzene	5	5	ND	5	ND	5	ND				
Dichlorodifluoromethane	5	5	ND	5	ND	5	ND				
1,1-Dichloroethane	5	5	ND	5	ND	5	ND				
1,2-Dichloroethane	5	5	ND	5	ND	5	ND				
1,1-Dichloroethene	5	5	ND	5	ND	5	ND				
cis-1,2-Dichloroethene	5	5	ND	5	ND	5	ND				

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13194A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:		Method Blank		25856-009		25856-010					
Client Sample I.D.:		—		D6-SUR		D7-SUR					
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
rans-1,2-Dichloroethene	5	5	ND	5	ND	5	ND				
,2-Dichloropropane	5	5	ND	5	ND	5	ND				
1,3-Dichloropropane	5	5	ND	5	ND	5	ND				
2,2-Dichloropropane	5	5	ND	5	ND	5	ND				
,1-Dichloropropene	5	5	ND	5	ND	5	ND				
Ethylbenzene	5	5	ND	5	16	5	40				
Hexachlorobutadiene	5	5	ND	5	ND	5	ND				
Isopropylbenzene	5	5	ND	5	ND	5	ND				
-Isopropyltoluene	5	5	ND	5	ND	5	ND				
Methylene Chloride	20	20	ND	20	67	20	ND				
Methyl tert-Butyl Ether	5	5	ND	5	ND	5	ND				
Naphthalene	5	5	ND	5	ND	5	ND				
n-Propylbenzene	5	5	ND	5	ND	5	ND				
Styrene	5	5	ND	5	ND	5	ND				
,1,1,2-Tetrachloroethane	5	5	ND	5	ND	5	ND				
,1,2,2-Tetrachloroethane	5	5	ND	5	ND	5	ND				
Tetrachloroethene	5	5	ND	5	ND	5	ND				
Toluene	5	5	ND	5	ND	5	63				
1,2,3-Trichlorobenzene	5	5	ND	5	ND	5	ND				
1,2,4-Trichlorobenzene	5	5	ND	5	ND	5	ND				
1,1,1-Trichloroethane	5	5	ND	5	ND	5	ND				
,1,2-Trichloroethane	5	5	ND	5	ND	5	ND				
Trichloroethene	5	5	ND	5	ND	5	ND				
Trichlorofluoromethane	5	5	ND	5	ND	5	ND				
1,2,3-Trichloropropane	10	10	ND	10	ND	10	ND				
1,2,4-Trimethylbenzene	5	5	ND	5	ND	5	ND				
1,3,5-Trimethylbenzene	5	5	ND	5	ND	5	ND				
Vinyl Chloride	5	5	ND	5	ND	5	ND				
Xylenes (Total)	5	5	ND	5	102	5	259				

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 5/18/98

Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13194A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: ug/kg

EPA Method 8260 (Oxygenated Compounds)

Lab No.:		Method Blank		25856-001		25856-002		25856-003		25856-004	
Client Sample I.D.:		---		TH26-1-SUR		TH26-1-3.0		TH26-1-5.0		TH27-1-SUR	
Date Sampled:		05/08/98		05/08/98		05/08/98		05/08/98		05/08/98	
QC Batch #:		P98VOCS085		P98VOCS085		P98VOCS085		P98VOCS085		P98VOCS085	
Date Analyzed:		05/14/98		05/14/98		05/14/98		05/14/98		05/14/98	
Analyst Initials:		EM		EM		EM		EM		EM	
Dilution Factor:		1		1		1		1		1	
ANALYTE	MDL										
Ethanol	2000	2000	ND	2000	ND	2000	ND	2000	ND	2000	ND
Tert-Butanol	100	100	ND	100	ND	100	ND	100	ND	100	ND
Methyl tert-Butyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND
Di-isopropyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND
Ethyl tert-Butyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND
Tert-Amyl methyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 5/18/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13194A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: ug/kg

EPA Method 8260 (Oxygenated Compounds)

Lab No.:		25856-005		25856-006		25856-007		25856-008		25856-009	
Client Sample I.D.:		D2-SUR		D2-3.0		D3-SUR		D3-3.0		D6-SUR	
Date Sampled:		05/08/98		05/08/98		05/08/98		05/08/98		05/08/98	
QC Batch #:		P98VOCS085		P98VOCS085		P98VOCS085		P98VOCS085		P98VOCS085	
Date Analyzed:		05/14/98		05/14/98		05/14/98		05/14/98		05/14/98	
Analyst Initials:		EM		EM		EM		EM		EM	
Dilution Factor:		1		1		1		1		1	
ANALYTE	MDL										
Ethanol	2000	2000	ND	2000	ND	2000	ND	2000	ND	2000	ND
Tert-Butanol	100	100	ND	100	ND	100	ND	100	ND	100	ND
Methyl tert-Butyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND
Di-isopropyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND
Ethyl tert-Butyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND
Tert-Amyl methyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 5/18/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13194A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: ug/kg

EPA Method 8260 (Oxygenated Compounds)

Lab No.:	25856-010		
Client Sample I.D.:	D7-SUR		
Date Sampled:	05/08/98		
QC Batch #:	P98VOCS085		
Date Analyzed:	05/14/98		
Analyst Initials:	EM		
Dilution Factor:	1		

ANALYTE	MDL		
Ethanol	2000	2000	ND
Tert-Butanol	100	100	ND
Methyl tert-Butyl Ether	5	5	ND
Di-isopropyl Ether	5	5	ND
Ethyl tert-Butyl Ether	5	5	ND
Tert-Amyl methyl Ether	5	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 5/18/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13194A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	Method Blank	LCS
Client Sample I.D.:	--	--
Date Sampled:	--	--
QC Batch #:	P98VOCS085	P98VOCS085
Date Analyzed:	05/15/98	05/15/98
Analyst Initials:	EM	EM
Dilution Factor:	1	1

ANALYTE	MDL	DLR	Results	Limits	%REC
Benzene	5	5	ND	21-175	116
Bromobenzene	5	5	ND	21-175	108
Bromodichloromethane	5	5	ND	21-175	103
Bromoform	5	5	ND	21-175	91
Bromomethane	5	5	ND	21-175	172
n-Butylbenzene	5	5	ND	21-175	141
sec-Butylbenzene	5	5	ND	21-175	125
tert-Butylbenzene	5	5	ND	21-175	122
Carbon tetrachloride	5	5	ND	21-175	106
Chlorobenzene	5	5	ND	21-175	120
Chloroethane	5	5	ND	21-175	130
Chloroform	5	5	ND	21-175	93
Chloromethane	5	5	ND	21-175	111
2-Chlorotoluene	5	5	ND	21-175	127
4-Chlorotoluene	5	5	ND	21-175	119
Dibromochloromethane	5	5	ND	21-175	100
1,2-Dibromo-3-chloropropane	10	10	ND	21-175	86
1,2-Dibromoethane	5	5	ND	21-175	100
Dibromomethane	5	5	ND	21-175	98
1,2-Dichlorobenzene	5	5	ND	21-175	117
1,3-Dichlorobenzene	5	5	ND	21-175	122
1,4-Dichlorobenzene	5	5	ND	21-175	122
Dichlorodifluoromethane	5	5	ND	21-175	112
1,1-Dichloroethane	5	5	ND	21-175	99
1,2-Dichloroethane	5	5	ND	21-175	101
1,1-Dichloroethene	5	5	ND	21-175	102
cis-1,2-Dichloroethene	5	5	ND	21-175	91

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13194A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:		Method Blank		LCS		
Client Sample I.D.:		--		—		
ANALYTE	MDL	DLR	Results	Limits	%REC	
trans-1,2-Dichloroethene	5	5	ND	21-175	97	
1,2-Dichloropropane	5	5	ND	21-175	106	
1,3-Dichloropropane	5	5	ND	21-175	103	
2,2-Dichloropropane	5	5	ND	21-175	96	
1,1-Dichloropropene	5	5	ND	21-175	109	
Ethylbenzene	5	5	ND	21-175	128	
Hexachlorobutadiene	5	5	ND	21-175	146	
Isopropylbenzene	5	5	ND	21-175	119	
p-Isopropyltoluene	5	5	ND	21-175	129	
Methylene Chloride	15	15	ND	21-175	98	
Methyl tert-Butyl Ether	5	5	ND	21-175	93	
Naphthalene	5	5	ND	21-175	97	
n-Propylbenzene	5	5	ND	21-175	129	
Styrene	5	5	ND	21-175	125	
1,1,1,2-Tetrachloroethane	5	5	ND	21-175	109	
1,1,2,2-Tetrachloroethane	5	5	ND	21-175	91	
Tetrachloroethene	5	5	ND	21-175	123	
Toluene	5	5	ND	21-175	125	
1,2,3-Trichlorobenzene	5	5	ND	21-175	127	
1,2,4-Trichlorobenzene	5	5	ND	21-175	136	
1,1,1-Trichloroethane	5	5	ND	21-175	98	
1,1,2-Trichloroethane	5	5	ND	21-175	105	
Trichloroethene	5	5	ND	21-175	110	
Trichlorofluoromethane	5	5	ND	21-175	117	
1,2,3-Trichloropropane	10	10	ND	21-175	93	
1,2,4-Trimethylbenzene	5	5	ND	21-175	126	
1,3,5-Trimethylbenzene	5	5	ND	21-175	127	
Vinyl Chloride	5	5	ND	21-175	100	
Xylenes (Total)	5	5	ND	21-175	129	

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 5/18/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania
Client's Project: 13194A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:		Method Blank		25856-001		25856-002		25856-003		25856-004		25856-005	
Client Sample I.D.:		--		TH26-1-SUR		TH26-1-3.0		TH26-1-5.0		TH27-1-SUR		D2-SUR	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Acenaphthene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
2,4-Dinitrophenol	1700	1700	ND	8500	ND	8500	ND	1700	ND	8500	ND	8500	ND
Dibenzofuran	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
4-Nitrophenol	1700	1700	ND	8500	ND	8500	ND	1700	ND	8500	ND	8500	ND
2,4-Dinitrotoluene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Fluorene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Diethylphthalate	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
4-Chlorophenyl-phenyl ether	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
4-Nitroaniline	1700	1700	ND	8500	ND	8500	ND	1700	ND	8500	ND	8500	ND
4,6-Dinitro-2-methylphenol	1700	1700	ND	8500	ND	8500	ND	1700	ND	8500	ND	8500	ND
n-Nitrosodiphenylamine	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
4-Bromophenyl-phenyl ether	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Hexachlorobenzene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Pentachlorophenol	1700	1700	ND	8500	ND	8500	ND	1700	ND	8500	ND	8500	ND
Phenanthrene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Anthracene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Di-n-butylphthalate	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Fluoranthene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Pyrene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Butylbenzylphthalate	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Benzo[a]anthracene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
3,3'-Dichlorobenzidine	660	660	ND	3300	ND	3300	ND	660	ND	3300	ND	3300	ND
Chrysene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
bis(2-Ethylhexyl)phthalate	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Di-n-octylphthalate	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Benzo[b]fluoranthene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Benzo[k]fluoranthene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Benzo[a]pyrene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Indeno[1,2,3-cd]pyrene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Dibenz[a,h,]anthracene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Benzo[g,h,i]perylene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed
* = Matrix requires dilution

Approved/Reviewed By: _____ Date: 5/18/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 1319A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: ug/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:	Method Blank	25856-001	25856-002	25856-003	25856-004	25856-005
Client Sample I.D.:	–	TH26-1-SUR	TH26-1-3.0	TH26-1-5.0	TH27-1-SUR	D2-SUR
Date Sampled:	–	05/08/98	05/08/98	05/08/98	05/08/98	050/08/98
QC Batch #:	R988270S117	R988270S117	R988270S117	R988270S117	R988270S117	R988270S117
Date Extracted:	05/13/98	05/13/98	05/13/98	05/13/98	05/13/98	05/13/98
Date Analyzed:	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98
Analyst Initials:	SM	SM	SM	SM	SM	SM
Dilution Factor:	1	5 *	5 *	1	5 *	5 *

ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Phenol	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
bis (2-Chloroethyl)ether	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
2-Chlorophenol	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
1,3-Dichlorobenzene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
1,4-Dichlorobenzene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Benzyl Alcohol	660	660	ND	3300	ND	3300	ND	660	ND	3300	ND	3300	ND
1,2-Dichlorobenzene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
2-Methylphenol	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
bis(2-chloroisopropyl)ether	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
n-Nitroso-di-n-propylamine	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
4-Methylphenol	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Hexachloroethane	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Nitrobenzene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Isophorone	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
2-Nitrophenol	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
2,4-Dimethylphenol	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
bis(2-Chloroethoxy)methane	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
2,4-Dichlorophenol	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Benzoic Acid	1700	1700	ND	8500	ND	8500	ND	1700	ND	8500	ND	8500	ND
1,2,4-Trichlorobenzene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Naphthalene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
4 Chloroaniline	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Hexachlorobutadiene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
4-Chloro-3-methylphenol	660	660	ND	3300	ND	3300	ND	660	ND	3300	ND	3300	ND
2 Methylnaphthalene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Hexachlorocyclopentadiene	660	660	ND	3300	ND	3300	ND	660	ND	3300	ND	3300	ND
2,4,6-Trichlorophenol	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
2,4,5-Trichlorophenol	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
2-Chloronaphthalene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
2-Nitroaniline	1700	1700	ND	8500	ND	8500	ND	1700	ND	8500	ND	8500	ND
Dimethylphthalate	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
Acenaphthylene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
2,6-Dinitrotoluene	330	330	ND	1700	ND	1700	ND	330	ND	1700	ND	1700	ND
3-Nitroaniline	1700	1700	ND	8500	ND	8500	ND	1700	ND	8500	ND	8500	ND

MDL = Method Detection Limit * = Matrix requires dilution
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed
The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania
Client's Project: 13194A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:		25856-006		25856-007		25856-007D		25856-008		25856-009		25856-010	
Client Sample I.D.:		D2-3.0		D3-SUR		D3-SUR		D3-3.0		D6-SUR		D7-SUR	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Acenaphthene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
2,4-Dinitrophenol	1700	1700	ND	1700	ND	1700	ND	8500	ND	8500	ND	8500	ND
Dibenzofuran	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
4-Nitrophenol	1700	1700	ND	1700	ND	1700	ND	8500	ND	8500	ND	8500	ND
2,4-Dinitrotoluene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Fluorene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Diethylphthalate	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
4-Chlorophenyl-phenyl ether	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
4-Nitroaniline	1700	1700	ND	1700	ND	1700	ND	8500	ND	8500	ND	8500	ND
4,6-Dinitro-2-methylphenol	1700	1700	ND	1700	ND	1700	ND	8500	ND	8500	ND	8500	ND
n-Nitrosodiphenylamine	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
4-Bromophenyl-phenyl ether	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Hexachlorobenzene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Pentachlorophenol	1700	1700	ND	1700	ND	1700	ND	8500	ND	8500	ND	8500	ND
Phenanthrene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Anthracene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Di-n-butylphthalate	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Fluoranthene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Pyrene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Butylbenzylphthalate	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Benzo[a]anthracene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
3,3'-Dichlorobenzidine	660	660	ND	660	ND	660	ND	3300	ND	3300	ND	3300	ND
Chrysene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
bis(2-Ethylhexyl)phthalate	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Di-n-octylphthalate	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Benzo[b]fluoranthene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Benzo[k]fluoranthene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Benzo[a]pyrene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Indeno[1,2,3-cd]pyrene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Dibenz[a,h]anthracene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Benzo[g,h,i]perylene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed
^ = Matrix requires dilution

Approved/Reviewed By: _____ Date: 5/18/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafana

Client's Project: 1319A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:	25856-006	25856-007	25856-007D	25856-008	25856-009	25856-010
Client Sample I.D.:	D2-3.0	D3-SUR	D3-SUR	D3-3.0	D6-SUR	D7-SUR
Date Sampled:	05/08/98	05/08/98	05/08/98	05/08/98	05/08/98	050/08/98
QC Batch #:	R988270S117	R988270S117	R988270S117	R988270S117	R988270S117	R988270S117
Date Extracted:	05/13/98	05/13/98	05/13/98	05/13/98	05/13/98	05/13/98
Date Analyzed:	05/14/98	05/14/98	05/15/98	05/15/98	05/15/98	05/15/98
Analyst Initials:	SM	SM	SM	SM	SM	SM
Dilution Factor:	1	1	1	5 *	5 *	5 *

ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Phenol	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
bis (2-Chloroethyl)ether	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
2-Chlorophenol	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
1,3-Dichlorobenzene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
1,4-Dichlorobenzene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Benzyl Alcohol	660	660	ND	660	ND	660	ND	3300	ND	3300	ND	3300	ND
1,2-Dichlorobenzene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
2-Methylphenol	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
bis(2-chloroisopropyl)ether	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
n-Nitroso-di-n-propylamine	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
4-Methylphenol	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Hexachloroethane	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Nitrobenzene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Isophorone	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
2-Nitrophenol	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
2,4-Dimethylphenol	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
bis(2-Chloroethoxy)methane	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
2,4-Dichlorophenol	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Benzoic Acid	1700	1700	ND	1700	ND	1700	ND	8500	ND	8500	ND	8500	ND
1,2,4-Trichlorobenzene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Naphthalene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
4-Chloroaniline	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Hexachlorobutadiene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
4-Chloro-3 methylphenol	660	660	ND	660	ND	660	ND	3300	ND	3300	ND	3300	ND
2-Methylnaphthalene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Hexachlorocyclopentadiene	660	660	ND	660	ND	660	ND	3300	ND	3300	ND	3300	ND
2,4,6-Trichlorophenol	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
2,4,5-Trichlorophenol	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
2-Chloronaphthalene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
2-Nitroaniline	1700	1700	ND	1700	ND	1700	ND	8500	ND	8500	ND	8500	ND
Dimethylphthalate	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
Acenaphthylene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
2,6-Dinitrotoluene	330	330	ND	330	ND	330	ND	1700	ND	1700	ND	1700	ND
3-Nitroaniline	1700	1700	ND	1700	ND	1700	ND	8500	ND	8500	ND	8500	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed
* = Matrix requires dilution
The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafana

Client's Project: 1319A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:	Method Blank	LCS										
Client Sample I.D.:	—	—										
Date Sampled:	—	05/08/98										
QC Batch #:	R9882708S117	R9882708I17										
Date Extracted:	05/13/98	05/13/98										
Date Analyzed:	05/14/98	05/14/98										
Analyst Initials:	SM	SM										
Dilution Factor:	1	1										

ANALYTE	MDL	DLR	Results	Limit	%rec							
Phenol	330	330	ND	11-182	24							
bis (2-Chloroethyl)ether	330	330	ND	11-182	45							
2-Chlorophenol	330	330	ND	11-182	45							
1,3-Dichlorobenzene	330	330	ND	11-182	30							
1,4-Dichlorobenzene	330	330	ND	11-182	33							
Benzyl Alcohol	660	660	ND	11-182	45							
1,2-Dichlorobenzene	330	330	ND	11-182	36							
2-Methylphenol	330	330	ND	11-182	42							
bis(2-chloroisopropyl)ether	330	330	ND	11-182	39							
n-Nitroso-di-n-propylamine	330	330	ND	11-182	45							
4-Methylphenol	330	330	ND	11-182	42							
Hexachloroethane	330	330	ND	11-182	28							
Nitrobenzene	330	330	ND	11-182	42							
Isophorone	330	330	ND	11-182	45							
2-Nitrophenol	330	330	ND	11-182	48							
2,4-Dimethylphenol	330	330	ND	11-182	48							
bis(2-Chloroethoxy)methane	330	330	ND	11-182	48							
2,4-Dichlorophenol	330	330	ND	11-182	48							
Benzoic Acid	1700	1700	ND	11-182	11							
1,2,4-Trichlorobenzene	330	330	ND	11-182	52							
Naphthalene	330	330	ND	11-182	42							
4-Chloroaniline	330	330	ND	11-182	42							
Hexachlorobutadiene	330	330	ND	11-182	33							
4-Chloro-3-methylphenol	660	660	ND	11-182	52							
2-Methylnaphthalene	330	330	ND	11-182	42							
Hexachlorocyclopentadiene	660	660	ND	11-182	19							
2,4,6-Trichlorophenol	330	330	ND	11-182	52							
2,4,5-Trichlorophenol	330	330	ND	11-182	52							
2-Chloronaphthalene	330	330	ND	11-182	39							
2-Nitroaniline	1700	1700	ND	11-182	48							
Dimethylphthalate	330	330	ND	11-182	11							
Acenaphthylene	330	330	ND	11-182	48							
2,6-Dinitrotoluene	330	330	ND	11-182	48							
3-Nitroaniline	1700	1700	ND	11-182	48							

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed
The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania
Client's Project: 13194A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:		Method Blank		LCS	
Client Sample I.D.:		—		—	
ANALYTE	MDL	DLR	Results	Limit	%Rec
Acenaphthene	330	330	ND	11-182	45
2,4-Dinitrophenol	1700	1700	ND	11-182	39
Dibenzofuran	330	330	ND	11-182	48
4-Nitrophenol	1700	1700	ND	11-182	22
2,4-Dinitrotoluene	330	330	ND	11-182	48
Fluorene	330	330	ND	11-182	52
Diethylphthalate	330	330	ND	11-182	26
4-Chlorophenyl-phenyl ether	330	330	ND	11-182	52
4-Nitroaniline	1700	1700	ND	11-182	48
4,6-Dinitro-2-methylphenol	1700	1700	ND	11-182	58
n-Nitrosodiphenylamine	330	330	ND	11-182	26
4-Bromophenyl-phenyl ether	330	330	ND	11-182	48
Hexachlorobenzene	330	330	ND	11-182	52
Pentachlorophenol	1700	1700	ND	11-182	52
Phenanthrene	330	330	ND	11-182	52
Anthracene	330	330	ND	11-182	55
Di-n-butylphthalate	330	330	ND	11-182	52
Fluoranthene	330	330	ND	11-182	55
Pyrene	330	330	ND	11-182	55
Butylbenzylphthalate	330	330	ND	11-182	52
Benzo[a]anthracene	330	330	ND	11-182	55
3,3'-Dichlorobenzidine	660	660	ND	11-182	45
Chrysene	330	330	ND	11-182	58
bis(2-Ethylhexyl)phthalate	330	330	ND	11-182	58
Di-n-octylphthalate	330	330	ND	11-182	58
Benzo[b]fluoranthene	330	330	ND	11-182	45
Benzo[k]fluoranthene	330	330	ND	11-182	58
Benzo[a]pyrene	330	330	ND	11-182	12
Indeno[1,2,3-cd]pyrene	330	330	ND	11-182	52
Dibenz[a,h,]anthracene	330	330	ND	11-182	58
Benzo[g,h,i]perylene	330	330	ND	11-182	52

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed

Approved/Reviewed By: _____ Date: 5/18/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13194A/980511-02
Date Received: 05/11/98
Extraction Method: 3550
Matrix: Soil
Units: ug/kg

EPA Method 8080 (PCB's)

Lab No.:	Method Blank		25856-001		25856-002		25856-003		25856-005		25856-006	
Client Sample I.D.:	--		TH26-1-SUR		TH26-1-3.0		TH26-1-5.0		D2-SUR		D2-3.0	
Date Sampled:	--		05/08/98		05/08/98		05/08/98		05/08/98		05/08/98	
QC Batch #:	H9988080S154		H9988080S154		H9988080S154		H9988080S154		H9988080S154		H9988080S154	
Date Extracted:	05/12/98		05/12/98		05/12/98		05/12/98		05/12/98		05/12/98	
Date Analyzed :	05/12/98		05/12/98		05/12/98		05/12/98		05/12/98		05/12/98	
Analyst Initials:	DT		DT		DT		DT		DT		DT	
Dilution Factor:	1		1		1		1		1		1	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Result	DLR	Results
Aroclor-1016	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1221	67	67	ND	67	ND	67	ND	67	ND	67	ND	67	ND
Aroclor-1232	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1242	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1248	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1254	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1260	33	33	ND	33	120	33	ND	33	ND	33	ND	33	ND
Aroclor-1262	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1268	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____
Lee Ingvaldson
Department Supervisor

Date: 5/18/98

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13194A/980511-02
Date Received: 05/11/98
Extraction Method: 3550
Matrix: Soil
Units: ug/kg

EPA Method 8080 (PCB's)

Lab No.:	25856-009		25856-003D		LCS							
Client Sample I.D.:	D6-SUR		T1126-1-5.0		—							
Date Sampled:	05/08/98		05/08/98		—							
QC Batch #:	H988080S154		H988080S154		H988080S154							
Date Extracted:	05/12/98		05/12/98		05/12/98							
Date Analyzed :	05/12/98		05/12/98		05/12/98							
Analyst Initials:	DT		DT		DT							
Dilution Factor:	1		1		1							
ANALYTE	MDL	DLR	Results	DLR	Result	DLR	Results					
Aroclor-1016	33	33	ND	33	ND	NS	NS					
Aroclor-1221	67	67	ND	67	ND	NS	NS					
Aroclor-1232	33	33	ND	33	ND	NS	NS					
Aroclor-1242	33	33	ND	33	ND	NS	NS					
Aroclor-1248	33	33	ND	33	ND	NS	NS					
Aroclor-1254	33	33	ND	33	ND	84	50-150					
Aroclor-1260	33	33	33	33	ND	NS	NS					
Aroclor-1262	33	33	ND	33	ND	NS	NS					
Aroclor-1268	33	33	ND	33	ND	NS	NS					

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____
Lee Ingvaldson
Department Supervisor

Date: 5/18/98

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\PVS0513.M (RTE Integrator)
Title : VOC 8240/8260B Advanced Technology Laboratory
Last Update : Thu May 14 15:27:59 1998
Response via : Initial Calibration

Non-Spiked Sample: 25856-10.D

	Spike Sample	Spike Duplicate Sample
File ID :	PMS0514A.D	PMD0514B.D
Sample :	P98VOCS085/MS 25856-10	P98VOCS085/MSD 25856-10
Acq Time:	14 May 98 8:52 pm	14 May 98 9:20 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-dichloroethene	0.0	50	52	55	103	110	7	21	58-156
benzene	0.0	50	58	60	116	120	3	15	72-134
trichloroethene	0.0	50	63	63	125	127	2	16	55-145
toluene	63.5	50	88	90	50#	53#	2	16	73-127
chlorobenzene	0.0	50	52	54	104	108	3	11	80-119

- Fails Limit Check

QC BATCH #P98VOCS085

Reviewed and Approved by: _____ Date: 5/18/98
Lee Ingvaldson
Organics Supervisor

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Spike Recovery and RPD Summary Report - Soil(ug/Kg)

Method : C:\HPCHEM\1\METHODS\8270C.M
Title : 8270C Advanced Technology Laboratory
Last Update : Thu May 14 16:55:13 1998
Response via : Initial Calibration

Non-Spiked Sample: RB0514A.D

	Spike Sample	Spike Duplicate Sample
File ID :	RMS0514A.D	RMD0514A.D
Sample :	8270 soil e:5/13/98 spike	8270 soil e:5/13/98 spike dup
Acq Time:	14 May 98 5:38 pm	14 May 98 6:17 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.0	200	78	77	39	38	2	19	37- 92
2-Chlorophenol	0.0	200	105	102	53	51	3	20	33- 94
1,4-Dichlorobenzene	0.0	100	48	47	48	47	2	22	43- 91
N-Nitroso-di-n-propy	0.0	100	70	68	70	68	4	24	25-112
1,2,4-Trichlorobenze	0.0	100	57	57	57	57	0	19	47-104
4-Chloro-3-methylphe	0.0	200	113	111	57	56	2	19	33-106
Acenaphthene	0.0	100	62	60	62	60	3	19	39-103
4-Nitrophenol	0.0	200	51	55	25	27	7	21	22-117
2,4-Dinitrotoluene	0.0	100	71	70	70	70	0	21	46-106
Pentachlorophenol	0.0	200	119	128	59	64	7	24	11-120
Pyrene	0.0	100	72	71	71	71	0	17	24-124

QCBATCH#R988270S117

Reviewed/Approved By: _____ Date: 5/18/98
Lee Ingvaldson
Department Supervisor

Method : C:\HPCHEM\1\METHODS\PCB54A.M (Chemstation Integrator)
Title : 8080/608 PCB 1254
Last Update : Wed Apr 15 15:54:21 1998
Response via : Initial Calibration

Non-Spiked Sample: 25856-03.D

	Spike Sample	Spike Duplicate Sample
File ID :	HMS0512B.D	HMD0512B.D
Sample :	25856-06 MS E:5/12/98	25856-06MSD E:5/12/98
Acq Time:	12 May 1998 10:51 pm	12 May 1998 11:28 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
AROCLOR 1254	0.0	200	154	158	77	79	3	50	50-150
AROCLOR 1254 (1)	0.0	200	130	134	65	67	3	50	50-150
AROCLOR 1254 (2)	0.0	200	163	170	81	85	4	50	50-150
AROCLOR 1254 (3)	0.0	200	156	157	78	78	0	50	50-150
AROCLOR 1254 (4)	0.0	200	161	163	81	82	1	50	50-150
AROCLOR 1254 (5)	0.0	200	156	158	78	79	1	50	50-150

QC Batch # :H980080S154

Reviewed and Approved By: _____ Date: 5/18/98
Lee Ingvaldson
Organics Supervisor

Pace Analytical

SUBOUT TO ATL

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423233

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PACE	Report to: RICHARD V.	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☒ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address:	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone: (562) 498-9515	Project Name / No.: 13194A/980511-02		*Requested Due Date: 5-17-98

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8260 & 8270	8080	REMARKS
1	D2-SUR		Soil								X	X	
2	D2-3.0										X	X	
3	D3-SUR										X		
4	D3-3.0										X		
5	D6-SUR										X	X	
6	D7-SUR										X		
7													
8													

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

REL NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Hung Lam/Pace	5-11-98		Diane Dalman/ATL	5-11-98	5:00

Additional Comments:

S = SUR = SURFACE

PCBs = $50 ~~00~~ @
8260s = $60 ~~00~~ @
8270s = $115 ~~00~~ @ $122 per Richard 5-11-98 ACS

SAMPLE CONDITION

Temp. ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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ORIGINAL

Pace Analytical SUBCONT TO ATL

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423232

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PACE LONG BEACH	Report To: RICHARD	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☒ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address:	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone:	Project Name / No.: 13194A/980511-02		Requested Due Date: 5-17-98

Sampled By (PRINT):

Sampler Signature: Date Sampled: 5-8-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8260 oxygenates	8270	8080	REMARKS
1	TH26-1-SUR		Soil								X	X	X	
2	TH26-1-3.0										X	X	X	
3	TH26-1-5.0										X	X	X	
4	TH27-1-SUR										X	X		
5	~~TH27~~													
6														
7	SEE PAGE 2													
8														

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS	ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
					Hugh Lam/Pace			Diane Balvan/ATL	5-11-98	1500

SAMPLE CONDITION

Temp: °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

Additional Comments

PCBs = $50.00 @
B260s = $60.00 @
B270s = $115.00 @
$122 per Richard 5-11-98 MS

CT ATL

ORIGINAL

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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980511-02

423330

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ■ 1 Week ☐ 2 Weeks ☐ Normal 14 Days PER FRANK POSS	Pace Client No.
Address: 1320 W. WINTON AVE	Bill To: SAME		Pace Project Manager
HAYWARD CA 94545	P.O. # / Billing Reference: 46001		Pace Project No.
Phone: (610) 785-1111	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5-18-98 (25-98)

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT Date Sampled: 5/8/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPHS	8260	8270	8080 PCB	CAM 17	REMARKS
1	TH26-1-5	1257	SOIL								X	X	X	X	X	
2	TH26-1-3.0	1305									X	X	X	X	X	
3	TH26-1-5.0	1313									X	X	X	X	X	
4	TH26-1-6.5 (ARCHIVE)	1321													X per	
5	TH27-1-5										X	X	X		X	
6	~~TH22-2-5~~ per															
7	T22-2-5 HOLD*										X	X			X	HOLD
8																

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/8/98		Hunglam/Pace	5-11-98	1000

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Additional Comments

ARCHIVE TH26-1-6.5

*T22-2-5 SAMPLED BY Tim O'Brian

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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980511-02

423411

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ■ 1 Week ☐ 2 Weeks ☐ Normal 14 Days PER FRANK POSS	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001		Pace Project No.
	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5-15-98 ~~6-10-98~~

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT

Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8260	8270	8080 PCB	CAM 17	REMARKS
1	D2-S	0837	SOIL		1						X	X	X	X	X	
2	D2-3.0	0945			1						X	X	X	X	X	
3	D3-S	0953			1						X	X	X		X	
4	D3-3.0	1019			1						X	X	X		X	
5	D6-S	1336			1						X	X	X	X	X	
6	D7-S	1511			1						X	X	X		X	
7	D7-1.0 (ARCHIVE)	1520			1						X	X	X		X	
8																

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/6/98		Hung Lam / Pace	5-11-98	1020

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498 9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name:
Site Location:

PACE ANALYTICAL Project #: 980509-13
PACE ANALYTICAL WO #: 13189A
Client ID #:

Date: 6/22/98

PACE ANALYTICAL , INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/08/98 and received on 05/08/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Soil)	2-12
TPH-Speciation (Soil)	13-14
List of Abbreviations and Definitions	15

In addition the analysis for 8080, 8260 & 8270 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by:
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
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Pace Analytical

PACE ANALYTICAL Project#:980509-13
PACE ANALYTICAL WO#:13189A
Client ID#:

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TH22-1-3	TH22-1-5	TH22-1-10	TH23-1-5	TH23-1-3	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/12/98	05/12/98	05/12/98	05/12/98	05/12/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	90	110	40	120	78	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	49	30	70	36	37	0.5	6010
Cobalt (Co)	7.6	7.9	8.3	7.4	7.7	1.0	6010
Copper (Cu)	21	11	11	11	19	2.5	6010
Lead (Pb)	22	26	2.3	11	16	1.0	6010
Mercury (Hg)	0.28	0.18	0.07	0.12	0.10	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	36	18	41	21	30	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	42	27	55	32	30	0.5	6010
Zinc (Zn)	47	46	25	47	43	10	6010
DF	1	1	1	1	1		

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Pace Analytical

PACE ANALYTICAL Project# 980509-13
PACE ANALYTICAL WO# 13189A
Client ID#

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TH23-1-5	TH23-1-10	TH24-1-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/12/98	05/12/98	05/12/98	05/12/98		
Analyte						
Antimony (Sb)	<5.0	<5.0	<50	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<50	<5.0	5.0	6010
Barium (Ba)	170	57	<100	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<5.0	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<5.0	<0.5	0.5	6010
Chromium (Cr)	39	45	1900	<0.5	0.5	6010
Cobalt (Co)	9.4	6.1	15	<1.0	1.0	6010
Copper (Cu)	27	8.2	100	<2.5	2.5	6010
Lead (Pb)	170	3.9	13	<1.0	1.0	6010
Mercury (Hg)	0.21	0.12	0.11	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	870	<2.5	2.5	6010
Nickel (Ni)	28	32	56	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<25	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<5.0	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<50	<5.0	5.0	6010
Vanadium (V)	34	53	210	<0.5	0.5	6010
Zinc (Zn)	150	25	<100	<10	10	6010
DF	1	1	10	1		

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Pace Analytical

PACE ANALYTICAL Project# 980509-13
PACE ANALYTICAL WO#:13189A
Client ID#

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/12/98		05/12/98	05/12/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	84	70-130	40*	48*	60-130	18	0-25
Arsenic (As)	6010	84	78-104	83	81	34-135	2.4	0-15
Barium (Ba)	6010	99	81-117	86	91	55-130	5.6	0-25
Beryllium (Be)	6010	87	70-130	82	85	70-130	3.6	0-25
Cadmium (Cd)	6010	82	75-104	76	79	73-115	3.9	0-15
Chromium (Cr)	6010	88	81-103	82	84	62-125	2.4	0-15
Cobalt (Co)	6010	86	70-130	78	77	70-130	1.3	0-25
Copper (Cu)	6010	88	70-130	83	83	70-140	0.0	0-25
Lead (Pb)	6010	83	76-104	69	73	48-120	5.6	0-30
Mercury (Hg)	7471	100	76-121	91	91	70-135	0.0	0-30
Molybdenum (Mo)	6010	89	70-130	77	80	70-130	3.8	0-25
Nickel (Ni)	6010	85	70-130	82	79	70-130	3.7	0-25
Selenium (Se)	6010	86	79-102	70	74	42-120	5.6	0-15
Silver (Ag)	6010	90	77-107	74	80	53-115	7.8	0-19
Thallium (Tl)	6010	85	70-130	82	82	70-130	0.0	0-25
Vanadium (V)	6010	80	70-130	80	78	70-130	2.5	0-25
Zinc (Zn)	6010	83	70-130	74	78	70-130	5.3	0-25

* Sample matrix effect.

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Pace Analytical

PACE ANALYTICAL Project#:980509-13
PACE ANALYTICAL WO#:13189A
Client ID#:

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TH24-1-3	TH24-1-5	TH24-1-10	TH25-1-S	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/12/98	05/12/98	05/12/98	05/12/98		
Analyte						
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	42	41	28	170	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	53	58	46	40	0.5	6010
Cobalt (Co)	8.7	8.8	6.5	8.4	1.0	6010
Copper (Cu)	11	9.7	5.9	23	2.5	6010
Lead (Pb)	2.3	2.8	1.3	76	1.0	6010
Mercury (Hg)	<0.05	<0.05	<0.05	0.53	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	34	35	39	32	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	45	40	30	34	0.5	6010
Zinc (Zn)	27	25	22	65	10	6010
DF	1	1	1	1		

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Pace Analytical

Analyst:	SC
Preparation Analyst.	JS
Proparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TH25-1-3	T20-2-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/12/98	05/12/98	05/12/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	60	100	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	27	17	<0.5	0.5	6010
Cobalt (Co)	5.8	5.8	<1.0	1.0	6010
Copper (Cu)	8.6	12	<2.5	2.5	6010
Lead (Pb)	19	7.3	<1.0	1.0	6010
Mercury (Hg)	0.05	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	21	20	<0.5	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	23	19	<0.5	0.5	6010
Zinc (Zn)	26	37	<10	10	6010
DF	1	1	1		

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/12/98		05/12/98	05/12/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	86	70-130	40*	48*	60-130	18	0-25
Arsenic (As)	6010	86	78-104	83	91	34-135	2.4	0-15
Barium (Ba)	6010	106	81-117	86	91	55-130	5.6	0-25
Beryllium (Be)	6010	09	70-130	82	85	70-130	3.6	0-25
Cadmium (Cd)	6010	96	75-104	76	79	73-115	3.9	0-15
Chromium (Cr)	6010	91	81-103	82	84	62-125	2.4	0-15
Cobalt (Co)	6010	89	70-130	78	77	70-130	1.3	0-25
Copper (Cu)	6010	90	70-130	83	83	70-140	0.0	0-25
Lead (Pb)	6010	85	76-104	69	73	48-120	5.6	0-30
Mercury (Hg)	7471	91	76-121	89	94	70-135	6.0	0-30
Molybdenum (Mo)	6010	92	70-130	77	80	70-130	3.9	0-25
Nickel (Ni)	6010	88	70-130	82	79	70-130	3.7	0-25
Selenium (Se)	6010	87	79-102	70	74	42-120	5.6	0-15
Silver (Ag)	6010	97	77-107	74	80	53-115	7.8	0-19
Thallium (Tl)	6010	86	70-130	82	82	70-130	0.0	0-25
Vanadium (V)	6010	92	70-130	80	78	70-130	2.5	0-25
Zinc (Zn)	6010	87	70-130	74	78	70-130	5.3	0-25

* Sample matrix effect

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Pace Analytical

PACE ANALYTICAL Project#:980509-13
PACE ANALYTICAL WO#:13189A
Client ID#:

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T20-2-3	T21-3-S	T22-2-S	T24-2-S	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/14/98	05/14/98	05/14/98	05/14/98		
Analyte						
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	6.1	5.7	5.4	<5.0	5.0	6010
Barium (Ba)	110	210	270	180	10	6010
Beryllium (Be)	0.6	0.5	0.6	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	22	25	18	30	0.5	6010
Cobalt (Co)	8.7	14	12	9.6	1.0	6010
Copper (Cu)	32	27	20	19	2.5	6010
Lead (Pb)	8.3	45	9.7	31	1.0	6010
Mercury (Hg)	<0.05	<0.05	0.24	0.09	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	34	38	28	31	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	21	21	22	27	0.5	6010
Zinc (Zn)	79	71	52	68	10	6010
DF	1	1	1	1		

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Pace Analytical

PACE ANALYTICAL Project#:980509-13
PACE ANALYTICAL WO# 13189A
Client ID#

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T24-2-3	T24-2-5	T24-3-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/14/98	05/14/98	05/14/98	05/14/98		
Analyte						
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	6.7	<5.0	5.0	6010
Barium (Ba)	76	120	160	<10	10	6010
Beryllium (Be)	<0.5	0.6	0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	33	28	23	<0.5	0.5	6010
Cobalt (Co)	9.9	9.7	12	<1.0	1.0	6010
Copper (Cu)	11	12	38	<2.5	2.5	6010
Lead (Pb)	6.1	6.3	35	<1.0	1.0	6010
Mercury (Hg)	<0.05	<0.05	0.14	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	37	39	36	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	5.6	<5.0	5.0	6010
Vanadium (V)	36	30	25	<0.5	0.5	6010
Zinc (Zn)	67	81	83	<10	10	6010
DF	1	1	1	1		

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		05/12/98		05/12/98	05/12/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	84	70-130	37*	46*	60-130	22	0-25
Arsenic (As)	6010	87	78-104	81	91	34-135	12	0-15
Barium (Ba)	6010	98	81-117	93	103	55-130	110	0-25
Beryllium (Be)	6010	90	70-130	79	81	70-130	2.5	0-25
Cadmium (Cd)	6010	87	75-104	72	76	73-115	5.4	0-15
Chromium (Cr)	6010	91	81-103	69	65	62-125	6.0	0-15
Cobalt (Co)	6010	89	70-130	67	66	70-130	1.5	0-25
Copper (Cu)	6010	92	70-130	73	69	70-140	5.6	0-25
Lead (Pb)	6010	84	76-104	67	71	48-120	5.8	0-30
Mercury (Hg)	7471	94	76-121	104	86	70-135	18	0-30
Molybdenum (Mo)	6010	91	70-130	70	76	70-130	8.2	0-25
Nickel (Ni)	6010	88	70-130	60	56	70-130	6.9	0-25
Selenium (Se)	6010	88	79-102	67	74	42-120	9.9	0-16
Silver (Ag)	6010	90	77-107	77	83	53-115	7.5	0-19
Thallium (Tl)	6010	91	70-130	73	76	70-130	4.0	0-25
Vanadium (V)	6010	92	70-130	75	69	70-130	8.3	0-25
Zinc (Zn)	6010	88	70-130	70	72	70-130	2.8	0-25

* Sample matrix effect.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
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Long Beach, CA 90815
Tel: 562-498-9515
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Pace Analytical

PACE ANALYTICAL Project#:860509-13
PACE ANALYTICAL WO#:131889A
Client ID#

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TH22-1-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/13/98	06/13/98		
Analyte				
Antimony (Sb)	<5.0	<5.0	5.0	6010
Arsenic (As)	5.1	<5.0	5.0	6010
Barium (Ba)	220	<10	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	<0.5	0.5	6010
Chromium (Cr)	22	<0.5	0.5	6010
Cobalt (Co)	9.6	<1.0	1.0	6010
Copper (Cu)	30	<2.5	2.5	6010
Lead (Pb)	97	<1.0	1.0	6010
Mercury (Hg)	0.06	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	2.5	6010
Nickel (Ni)	28	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	5.0	6010
Vanadium (V)	22	<0.5	0.5	6010
Zinc (Zn)	110	<10	10	6010
DF	1	1		

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/13/98		06/13/98	06/13/98			
Antimony (Sb)	6010	94	70-130	35*	27*	60-130	26*	0-25
Arsenic (As)	6010	90	78-104	77	85	34-135	10	0-15
Barium (Ba)	6010	97	81-117	87	87	55-130	0	0-25
Beryllium (Be)	6010	89	70-130	84	84	70-130	0	0-25
Cadmium (Cd)	6010	93	75-104	87	89	73-116	2.3	0-15
Chromium (Cr)	6010	94	81-103	89	86	62-125	3.4	0-15
Cobalt (Co)	6010	92	70-130	76	76	70-130	0	0-25
Copper (Cu)	6010	94	70-130	87	88	70-140	1.1	0-25
Lead (Pb)	6010	93	76-104	81	84	48-120	3.6	0-30
Mercury (Hg)	7471	96	76-121	90	102	70-135	12	0-30
Molybdenum (Mo)	6010	95	70-130	80	77	70-130	3.8	0-25
Nickel (Ni)	6010	91	70-130	73	79	70-130	7.9	0-25
Selenium (Se)	6010	90	79-102	78	79	42-120	1.3	0-16
Silver (Ag)	6010	96	77-107	83	84	53-115	1.2	0-19
Thallium (Tl)	6010	94	70-130	93	94	70-130	1.1	0-25
Vanadium (V)	6010	95	70-130	88	87	70-130	1.1	0-25
Zinc (Zn)	6010	96	70-130	81	94	70-130	3.6	0-25

* Sample matrix effect.

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Pace Analytical

PACE ANALYTICAL Project#:980509-13
PACE ANALYTICAL WO#:13189A
Client ID#:

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	05/15/98	<10	---	10	1
TH22-1-3	05/15/98	<10	---	10	1
TH22-1-5	05/15/98	70	C20-C40	10	1
TH22-1-10	05/15/98	<10	---	10	1
TH23-1-S	05/15/98	<10	---	10	1
TH23-1-3	05/15/98	<10	---	10	1
TH23-1-5	05/15/98	<10	---	10	1
TH23-1-10	05/15/98	<10	---	10	1
TH24-1-S	05/15/98	<10	---	10	1
TH24-1-S Dup.	05/15/98	<10	---	10	1
TH24-1-3	05/15/98	<10	---	10	1
TH24-1-5	05/15/98	<10	---	10	1
TH24-1-10	05/15/98	<10	---	10	1
TH25-1-S	05/15/98	<10	---	10	1
TH25-1-15	05/15/98	<10	---	10	1
T20-2-S	05/15/98	<10	---	10	1
T20-2-3	05/15/98	<10	---	10	1
T21-3-S	05/15/98	<10	---	10	1
T22-1-S*	---	---	---	10	1
T22-2-S	05/18/98	20	C20-C36	10	1
T24-2-S	05/18/98	<10	---	10	1
T24-2-3	05/18/98	<10	---	10	1
T24-2-5	05/18/98	<10	---	10	1
T24-3-S	05/18/98	40	C20-C40	10	1
T24-3-S Dup.	05/18/98	30	C20-C40	10	1

*Sample not analyzed-holding time missed.

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/15/98		05/15/98	05/15/98			
TPH-Speciation	101	80-120	120	101	70-130	17	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/18/98		05/18/98	05/18/98			
TPH-Speciation	102	80-120	109	96	70-130	13	0-30

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

May 28, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021618
Client Project ID: 980509-13

Dear :

Enclosed are the results of analyses for sample(s) received on May 12, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021618
Client Project ID: 980609-13

Pace Sample No.: 601872377 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-22-1-3 Date Received: 05/12/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/19/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/19/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/19/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/19/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/19/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/19/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/19/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/19/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/19/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/19/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/19/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/19/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/19/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/19/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/19/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/19/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/19/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/19/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/19/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/19/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/19/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/19/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/19/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/19/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/19/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.63	05/19/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872377 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-22-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/19/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/19/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/19/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/19/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/19/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/19/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/19/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/19/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/19/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/19/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/19/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/19/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/19/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/19/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/19/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/19/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/19/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/19/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/19/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/19/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/19/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/19/98	GPO			U
Methyl tert butyl Ether	ND	ug/kg	5		05/19/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/19/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/19/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/19/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/19/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/19/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/19/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/19/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/19/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/19/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872377 Date Collected: 05/09/98 Matrix: Soil
Client Sample ID: TH-22-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/19/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/19/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/19/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/19/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/19/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/19/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/19/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/19/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/19/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	85	%		1.82	05/19/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	105	%		1.01	05/19/98	GPO	460-00-4		
Dibromofluoromethane (S)	109	%		1.81	05/19/98	GPO	1868-53-7		
Toluene-d8 (S)	121	%		1.48	05/19/98	GPO	2037-26-5	1	

Total EPA 8260 ND

Pace Project Number: 5021618
Client Project ID: 980509-13

Pace Sample No.: 601872385 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-22-1-5 Date Received: 05/12/98

GC/MS – VOA

Volatile Organics Method: EPA 8260 Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/20/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/20/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/20/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/20/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/20/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/20/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/20/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/20/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/20/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/20/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/20/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/20/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.61	05/20/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/20/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/20/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/20/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/20/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/20/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/20/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/20/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/20/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/20/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/20/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/20/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/20/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872385 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-22-1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/20/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/20/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/20/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/20/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.09	05/20/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/20/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/20/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/20/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/20/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/20/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/20/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/20/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/20/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/20/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/20/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/20/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/20/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/20/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/20/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/20/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/20/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/20/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/20/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/20/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/20/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/20/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/20/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/20/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/20/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/20/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/20/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/20/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872385 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-22-1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/20/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/20/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/20/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/20/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/20/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/20/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/20/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/20/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/20/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	90	%		1.82	05/20/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	96	%		1.01	05/20/98	GPO	460-00-4		
Dibromofluoromethane (S)	109	%		1.81	05/20/98	GPO	1868-53-7		
Toluene-d8 (S)	102	%		1.48	05/20/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872393 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-23-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/20/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/20/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/20/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/20/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/20/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/20/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/20/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.58	05/20/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/20/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/20/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/20/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/20/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/20/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/20/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/20/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/20/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/20/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/20/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/20/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/20/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/20/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/20/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/20/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/20/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/20/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872393 Date Collected: 05/09/98 Matrix: Soil
Client Sample ID: TH-23-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/20/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/20/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/20/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/20/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/20/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/20/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/20/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/20/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/20/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/20/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/20/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/20/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/20/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/20/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/20/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/20/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/20/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/20/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.66	05/20/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/20/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/20/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/20/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/20/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/20/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/20/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/20/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/20/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/20/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/20/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/20/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/20/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/20/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872393 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-23-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/20/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/20/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/20/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/20/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/20/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.6	05/20/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/20/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/20/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/20/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	86	%		1.82	05/20/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	86	%		1.01	05/20/98	GPO	460-00-4		
Dibromofluoromethane (S)	103	%		1.81	05/20/98	GPO	1868-53-7		
Toluene-d8 (S)	109	%		1.48	05/20/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872435 Date Collected: 05/09/98 Matrix: Soil
Client Sample ID: TH-23-1-3 Date Received: 05/12/98

GC/MS - VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/20/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/20/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/20/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/20/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/20/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/20/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/20/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/20/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/20/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/20/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/20/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/20/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/20/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/20/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/20/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.6	05/20/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/20/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/20/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/20/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/20/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/20/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/20/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/20/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/20/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/20/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872435 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-23-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/20/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/20/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/20/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/20/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/20/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/20/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/20/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0 8	05/20/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/20/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/20/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/20/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/20/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/20/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/20/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/20/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/20/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/20/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/20/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/20/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/20/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/20/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/20/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/20/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/20/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/20/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0 62	05/20/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.86	05/20/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0 63	05/20/98	GPO	95-47-6		U
p Isopropyltoluene	ND	ug/kg	5	0.59	05/20/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/20/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/20/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/20/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872435 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-23-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/20/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/20/98	GPO	98-06-6		U
Tetrachloroethane	ND	ug/kg	5	0.87	05/20/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/20/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/20/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/20/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/20/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/20/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/20/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	86	%		1.82	05/20/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	94	%		1.01	05/20/98	GPO	460-00-4		
Dibromofluoromethane (S)	105	%		1.81	05/20/98	GPO	1868-53-7		
Toluene-d8 (S)	112	%		1.48	05/20/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872443 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID. TH-23-1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/20/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/20/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/20/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/20/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/20/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/20/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/20/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/20/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/20/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/20/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/20/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/20/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/20/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/20/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/20/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/20/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/20/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/20/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/20/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/20/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/20/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/20/98	GPO	106-43-4		U
4 Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/20/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/20/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/20/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872443 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-23-1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/20/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/20/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/20/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/20/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/20/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/20/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/20/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/20/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/20/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/20/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/20/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/20/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/20/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/20/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/20/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/20/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/20/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/20/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/20/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/20/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/20/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/20/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/20/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/20/98	GPO	75-09-2		U
n Butylbenzene	ND	ug/kg	5	1.13	05/20/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/20/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/20/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/20/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/20/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/20/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/20/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/20/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872443 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-23-1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/20/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/20/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/20/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/20/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/20/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/20/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/20/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/20/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/20/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	86	%		1.82	05/20/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	91	%		1.01	05/20/98	GPO	460-00-4		
Dibromofluoromethane (S)	100	%		1.81	05/20/98	GPO	1868-53-7		
Toluene-d8 (S)	113	%		1.48	05/20/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.. 601872468 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-24-1-SUR Date Received: 05/12/98

GC/MS -- VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/20/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/20/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/20/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/20/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/20/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/20/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/20/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/20/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/20/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/20/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/20/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/20/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.63	05/20/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/20/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/20/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/20/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/20/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/20/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/20/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/20/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/20/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.65	05/20/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.36	05/20/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/20/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/20/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/20/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872468 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-24-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/20/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/20/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/20/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/20/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/20/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/20/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/20/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/20/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/20/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/20/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/20/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/20/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/20/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/20/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/20/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/20/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/20/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/20/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/20/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/20/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/20/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/20/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/20/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/20/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/20/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/20/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/20/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/20/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/20/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.87	05/20/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/20/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/20/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872468 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-24-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/20/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/20/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/20/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/20/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/20/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/20/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/20/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/20/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/20/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	90	%		1.62	05/20/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	85	%		1.01	05/20/98	GPO	460-00-4		
Dibromofluoromethane (S)	105	%		1.81	05/20/98	GPO	1868-53-7		
Toluene-d8 (S)	105	%		1.48	05/20/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872484 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-24-1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/20/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/20/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/20/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/20/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/20/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/20/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/20/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/20/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/20/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/20/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/20/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/20/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/20/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/20/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/20/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/20/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/20/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/20/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/20/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/20/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/20/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/20/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/20/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/20/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/20/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872484 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-24-1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/20/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/20/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/20/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/20/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/20/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/20/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/20/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/20/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/20/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/20/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/20/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/20/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/20/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/20/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/20/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/20/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/20/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/20/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/20/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/20/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/20/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/20/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/20/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/20/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/20/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/20/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/20/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/20/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/20/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/20/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/20/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/20/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980508-13

Pace Sample No.: 601872484 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-24-1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/20/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/20/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/20/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/20/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/20/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/20/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/20/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/20/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/20/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	84	%		1.82	05/20/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	81	%		1.01	05/20/98	GPO	460-00-4		
Dibromofluoromethane (S)	100	%		1.81	05/20/98	GPO	1868-53-7		
Toluene-d8 (S)	98	%		1.48	05/20/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872492 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-24-1-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/20/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/20/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/20/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/20/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/20/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/20/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/20/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/20/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/20/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/20/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/20/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/20/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.63	05/20/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/20/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/20/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/20/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/20/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/20/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/20/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/20/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/20/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/20/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/20/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/20/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/20/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/20/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	108-86-1		U

Pace Project Number: 9021618
Client Project ID: 980509-13

Pace Sample No : 601872492 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-24-1-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/20/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/20/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.46	05/20/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/20/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/20/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/20/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/20/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/20/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/20/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/20/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/20/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/20/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/20/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/20/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/20/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/20/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/20/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/20/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/20/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/20/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/20/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/20/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/20/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/20/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/20/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/20/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/20/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/20/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/20/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/20/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/20/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/20/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872492 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-24-1-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/20/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/20/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/20/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/20/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/20/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/20/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/20/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/20/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/20/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	88	%		1.82	05/20/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	86	%		1.01	05/20/98	GPO	460-00-4		
Dibromofluoromethane (S)	98	%		1.81	05/20/98	GPO	1868-53-7		
Toluene-d8 (S)	107	%		1.48	05/20/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872500 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-25-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/21/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872500 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-25-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872500 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-25-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	97	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	95	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	113	%		1.81	05/21/98	GPO	1868-53-7		
Toluene-d8 (S)	118	%		1.48	05/21/98	GPO	2037-26-5	1	

Total EPA 8260 ND

Pace Project Number: 6021618
Client Project ID: 980609-13

Pace Sample No.: 601872518 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T20-2-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/21/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872518 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T20-2-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.46	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.91	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13194A/980511-02
Date Received: 05/11/98
Matrix: Soil
Units: ug/kg

EPA Method 8260 (Oxygenated Compounds)

Lab No.:		25856-010	
Client Sample I.D.:		D7-SUR	
Date Sampled:		05/08/98	
QC Batch #:		P98VOCS085	
Date Analyzed:		05/14/98	
Analyst Initials:		EM	
Dilution Factor:		1	
ANALYTE	**MDL**		
Ethanol	2000	2000	ND
Tert-Butanol	100	100	ND
Methyl tert-Butyl Ether	5	5	ND
Di-isopropyl Ether	5	5	ND
Ethyl tert-Butyl Ether	5	5	ND
Tert-Amyl methyl Ether	5	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 5/18/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Pace Project Number: 6021818
Client Project ID: 980509-13

Pace Sample No.: 601872518 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T20-2-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	90	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	91	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	110	%		1.81	05/21/98	GPO	1868-53-7		
Toluene-d8 (S)	104	%		1.48	05/21/98	GPO	2037-26-5		

Total EPA 8260 **ND**

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872526 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.61	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.86	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2 Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/21/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.36	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 001872520 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.86	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.69	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872525 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98.	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	93	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	82	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	106	%		1.81	05/21/98	GPO	1868-53-7		
Toluene-d8 (S)	108	%		1.48	05/21/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872534 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T24-2-SUR Date Received: 05/12/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.46	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/21/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872534 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T24-2-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.87	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872534 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T24-2-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.92	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	94	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	86	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	106	%		1.81	05/21/98	GPO	1868-53-7		
Toluene-d8 (S)	102	%		1.48	05/21/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601672542 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T24-2-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/21/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.39	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872542 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T24-2-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.65	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.65	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872542 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T24-2-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	90	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	89	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	100	%		1.81	05/21/98	GPO	1868-53-7		
Toluene-d8 (S)	113	%		1.48	05/21/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021618
Client Project ID: 980509-13

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	The Surrogate recovery value exceeded the established laboratory control limit value(117%).

May 20, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107310
Client Project ID: 980509-1A

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on May 12, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

...ame Analytical Long Beach SC
7960 Gilman Street
Long Beach, CA 90815

Name Project Number: 107139
Client Project ID: 980509-13

Attn: Mr. Richard Villalobos
Phone: (562)498-7515

Solid results are reported on a wet weight basis

Name Sample No 106111Z7 Date Collected: 05/08/98 Matrix Soil
Client Sample ID. TH22-1-3 Date Received: 05/12/98

Analyte	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080			Prep Method: EPA 3550		
PCB 1016 (Arochlor 1016)	ND	mg/kg	0.046	05/22/98	DKP	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.046	05/22/98	DKP	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.046	05/22/98	DKP	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.046	05/22/98	DKP	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.046	05/22/98	DKP	12672-29-6	
PCB 1254 (Arochlor 1254)	ND	mg/kg	0.046	05/22/98	DKP	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.046	05/22/98	DKP	11096-82-5	
Tetrachloro-meta-xylene (S)	102	%		05/22/98	DKP	877-09-8	
Decachlorobiphenyl (S)	101	%		05/22/98	DKP	2051-24-3	
Date Extracted				05/20/98			
GC/MS - Semi VOA							
Semivolatile Organics		Method: EPA 8270			Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	05/21/98	SAC	108-95-2	
Bis(2-Chloroethyl)ether	ND	ug/kg	330	05/21/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	05/21/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	05/21/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	05/21/98	SAC	95-48-7	
Bis(2-Chloroisopropyl)ether	ND	ug/kg	330	05/21/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	05/21/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	05/21/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	05/21/98	SAC	67-72-1	

Pace Project Number: 107339
Client Project ID: 980509-1s

Lab Sample No: 10611129
Client Sample ID: TH22-1-1

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Nitrobenzene	ND	ug/kg	330	05/21/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	05/21/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	05/21/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	05/21/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	05/21/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	05/21/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	05/21/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	05/21/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	05/21/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	05/21/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	05/21/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	05/21/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	05/21/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	05/21/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	05/21/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	05/21/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	05/21/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	05/21/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	05/21/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	05/21/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	05/21/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	05/21/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/kg	1600	05/21/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	05/21/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	05/21/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	05/21/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	05/21/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	05/21/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	05/21/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	05/21/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	05/21/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	05/21/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	05/21/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	05/21/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	05/21/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	05/21/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	05/21/98	SAC	206-44-0	

DATE: 05/26/98
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Data Project Number: 107339
Client Project ID: 980509 13

Lab Sample No: 10A11129
Client Sample ID: TH22-1-3

Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Pyrene	ND	ug/kg	330	05/21/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	05/21/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	05/21/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	05/21/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	05/21/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	05/21/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	05/21/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	05/21/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	110	05/21/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	110	05/21/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	110	05/21/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	110	05/21/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	110	05/21/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	67	%		05/21/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	73	%		05/21/98	SAC	321-60-8	
Terphenyl-d14 (S)	83	%		05/21/98	SAC	1718-51-0	
Phenol-d6 (S)	64	%		05/21/98	SAC	13127-88-3	
2-Fluorophenol (S)	36	%		05/21/98	SAC	367-12-4	
2,4,6 Tribromophenol (S)	95	%		05/21/98	SAC	118-79-6	
Date Extracted				05/19/98			

Pace Project Number: 107339
Client Project ID: 980509-13

ce Sample No: 10693337 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-6 Date Received: 05/12/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	05/22/98	DKP	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	05/22/98	DKP	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	05/22/98	DKP	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	05/22/98	DKP	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	05/22/98	DKP	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	05/22/98	DKP	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	05/22/98	DKP	11096-82-5	
Tetrachloro-meta-xylene (S)	117	%		05/22/98	DKP	877-09-8	
Decachlorobiphenyl (S)	118	%		05/22/98	DKP	2051-24-3	
Date Extracted				05/20/98			
GC/MS Semi VOA							
Semivolatile Organics		Method: EPA 8270				Prep Method: EPA 3550	
Phenol	ND	ug/kg	330	05/21/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	05/21/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	05/21/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	05/21/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	05/21/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	05/21/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	05/21/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	05/21/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	05/21/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	05/21/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	05/21/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	05/21/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	05/21/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	05/21/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	05/21/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	05/21/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	05/21/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	05/21/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	05/21/98	SAC	106-47-8	

Pace Project Number: 107119
Client Project ID: 980509-11

Lab Sample No: 1067117 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-5 Date Received: 05/12/98

Parameter	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
Hexachlorobutadiene	ND	ug/kg	330	05/21/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	05/21/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	05/21/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	05/21/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	05/21/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	05/21/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	05/21/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	05/21/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	05/21/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	05/21/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	05/21/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	05/21/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/kg	1600	05/21/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	05/21/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	05/21/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	05/21/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	05/21/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	05/21/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	05/21/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	05/21/98	SAC	86-10-0	
4-Bromophenyl-phenylether	ND	ug/kg	330	05/21/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	05/21/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	05/21/98	SAC	87-86-5	
Phenanthrene	130	ug/kg	330	05/21/98	SAC	85-01-8	1
Anthracene	ND	ug/kg	330	05/21/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	05/21/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	05/21/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	05/21/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	05/21/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	05/21/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	05/21/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	05/21/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	05/21/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	05/21/98	SAC	117-84-0	
Benzo(b)fluoranthene	410	ug/kg	330	05/21/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	05/21/98	SAC	207-08-9	
Benzo(a)pyrene	110	ug/kg	330	05/21/98	SAC	50-32-8	

Pace Project Number: 107310
Client Project ID: 980509-11

Pace Sample No: 10631137
Client Sample ID: TH22-1-5

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Indeno(1,2,3-cd)pyrene	160	ug/kg	110	05/21/98	SAC	193-39-5	7
Dibenz(a,h)anthracene	ND	ug/kg	110	05/21/98	SAC	53-70-3	
Benzo(g,h,i)perylene	210	ug/kg	110	05/21/98	SAC	191-24-2	7
Nitrobenzene d5 (S)	67	%		05/21/98	SAC	4165-60-0	
2 Fluorobiphenyl (S)	74	%		05/21/98	SAC	321-60-8	
Terphenyl d14 (S)	67	%		05/21/98	SAC	1718-51-0	
Phenol d6 (S)	68	%		05/21/98	SAC	13127-88-3	
2-Fluorophenol (S)	36	%		05/21/98	SAC	367-12-4	
2,4,6 Tribromophenol (S)	72	%		05/21/98	SAC	118-79-6	
Date Extracted				05/19/98			

Pace Project Number: 107439
Client Project ID: 980508-13

Lab Sample No: 10633345 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH23-1-SURR Date Received: 05/12/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CASN	Footnotes
GC/MS - Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	05/21/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	05/21/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	05/21/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	05/21/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	05/21/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	05/21/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	05/21/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	05/21/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	05/21/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	05/21/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	05/21/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	05/21/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	05/21/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	05/21/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	05/21/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	05/21/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	05/21/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	05/21/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	05/21/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	05/21/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	05/21/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	05/21/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	05/21/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	05/21/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	05/21/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	05/21/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	05/21/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	05/21/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	05/21/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	05/21/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	05/21/98	SAC	51-28-5	

Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No: 10613345 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH23-1 SURF Date Received: 05/12/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4 Nitrophenol	ND	ug/kg	1600	05/21/98	SAC	100 02-7	
Dibenzofuran	ND	ug/kg	330	05/21/98	SAC	132 64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	05/21/98	SAC	121 14-2	
Diethylphthalate	ND	ug/kg	330	05/21/98	SAC	84 66-2	
4 Chlorophenyl-phenylether	ND	ug/kg	330	05/21/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	05/21/98	SAC	86-73-7	
4 Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	100 01-6	
4,6-Dinitro 2 methylphenol	ND	ug/kg	1600	05/21/98	SAC	534 52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	05/21/98	SAC	86-30 6	
4-Bromophenyl phenylether	ND	ug/kg	330	05/21/98	SAC	101 55 3	
Hexachlorobenzene	ND	ug/kg	330	05/21/98	SAC	118 74 1	
Pentachlorophenol	ND	ug/kg	1600	05/21/98	SAC	87 86 5	
Phenanthrene	ND	ug/kg	330	05/21/98	SAC	85-01 8	
Anthracene	ND	ug/kg	330	05/21/98	SAC	120-12 7	
Di n butylphthalate	ND	ug/kg	330	05/21/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	05/21/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	05/21/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	05/21/98	SAC	85-68-7	
3,3' Dichlorobenzidine	ND	ug/kg	660	05/21/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	05/21/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	05/21/98	SAC	218-01-9	
Bis(2 Ethylhexyl)phthalate	ND	ug/kg	330	05/21/98	SAC	117-81-7	
Di n octylphthalate	ND	ug/kg	330	05/21/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	05/21/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	05/21/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	05/21/98	SAC	50-32-8	
Indeno(1,2,3 cd)pyrene	ND	ug/kg	330	05/21/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	05/21/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	05/21/98	SAC	191-24 2	
Nitrobenzene d5 (S)	51	%		05/21/98	SAC	4165-60 0	
2 Fluorobiphenyl (S)	57	%		05/21/98	SAC	321-60 8	
Terphenyl d14 (S)	57	%		05/21/98	SAC	1718-51-0	
Phenol d6 (S)	57	%		05/21/98	SAC	13127-88-3	
2 Fluorophenol (S)	57	%		05/21/98	SAC	367 12-4	
2,4,6 Tribromophenol (S)	56	%		05/21/98	SAC	118 79-6	
Date Extracted				05/19/98			

Para Project Number: 107119
Client Project ID: 980507-13

Lab Sample No: 10611352 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH21-1-1 Date Received: 05/12/98

Parameter	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC/MS Semi-VOA							
Semivolatile Organics		Method: EPA 8270			Prep Method: EPA 3550		
Phenol	ND	ug/kg	320	05/21/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	320	05/21/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	320	05/21/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	320	05/21/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	320	05/21/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	650	05/21/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	320	05/21/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	320	05/21/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	320	05/21/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	320	05/21/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	320	05/21/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	320	05/21/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	320	05/21/98	SAC	98-95-3	
Isophorone	ND	ug/kg	320	05/21/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	320	05/21/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	320	05/21/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	05/21/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	320	05/21/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	320	05/21/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	320	05/21/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	320	05/21/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	650	05/21/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	320	05/21/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	650	05/21/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	320	05/21/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	320	05/21/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	320	05/21/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	320	05/21/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	320	05/21/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	320	05/21/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	320	05/21/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	320	05/21/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	320	05/21/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	05/21/98	SAC	51-28-5	

Pace Project Number: 107119
Client Project ID: 980505-13

Pace Sample No: 10611152 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH21-1-1 Date Received: 05/12/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	05/21/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	320	05/21/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	320	05/21/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	320	05/21/98	SAC	84-66-2	
4-Chlorophenyl phenylether	ND	ug/kg	320	05/21/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	320	05/21/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	05/21/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	320	05/21/98	SAC	86-30-6	
4-Bromophenyl phenylether	ND	ug/kg	320	05/21/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	320	05/21/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	05/21/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	320	05/21/98	SAC	85-01-8	
Anthracene	ND	ug/kg	320	05/21/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	320	05/21/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	320	05/21/98	SAC	206-44-0	
Pyrene	ND	ug/kg	320	05/21/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	320	05/21/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	650	05/21/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	320	05/21/98	SAC	56-55-3	
Chrysene	ND	ug/kg	320	05/21/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	320	05/21/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	320	05/21/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	320	05/21/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	320	05/21/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	320	05/21/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	320	05/21/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	320	05/21/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	320	05/21/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	54	%		05/21/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	62	%		05/21/98	SAC	321-60-8	
Terphenyl-d14 (S)	58	%		05/21/98	SAC	1718-51-0	
Phenol-d6 (S)	54	%		05/21/98	SAC	13127-88-3	
2-Fluorophenol (S)	35	%		05/21/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	61	%		05/21/98	SAC	118-79-6	
Date Extracted				05/19/98			

Pace Project Number: 107319
Client Project ID: 980509-13

Lab Sample No: 10611160 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH21 1-6 Date Received: 05/12/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	05/21/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	05/21/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	05/21/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	05/21/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	05/21/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	05/21/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	05/21/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	05/21/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	05/21/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	05/21/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	05/21/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	05/21/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	05/21/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	05/21/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	05/21/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	05/21/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	05/21/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	05/21/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	05/21/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	05/21/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	05/21/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	05/21/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	05/21/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	05/21/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	05/21/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	05/21/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	05/21/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	05/21/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	05/21/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	05/21/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	05/21/98	SAC	51-28-5	

Pace Project Number: 107319
Client Project ID: 980509-13

Pace Sample No: 10611160
Client Sample ID: TB21-1-5
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4 Nitrophenol	ND	ug/kg	1600	05/21/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	05/21/98	SAC	132-64-9	
2,4 Dinitrotoluene	ND	ug/kg	330	05/21/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	05/21/98	SAC	84-66-2	
4 Chlorophenyl phenylether	ND	ug/kg	330	05/21/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	05/21/98	SAC	86-73-7	
4 Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	100-01-6	
4,6 Dinitro 2 methylphenol	ND	ug/kg	1600	05/21/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	05/21/98	SAC	86-30-6	
4 Bromophenyl phenylether	ND	ug/kg	330	05/21/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	05/21/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	05/21/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	05/21/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	05/21/98	SAC	120-12-7	
Di n butylphthalate	ND	ug/kg	330	05/21/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	05/21/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	05/21/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	05/21/98	SAC	85-68-7	
3,3' Dichlorobenzidine	ND	ug/kg	660	05/21/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	05/21/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	05/21/98	SAC	218-01-9	
Bis(2 Ethylhexyl)phthalate	ND	ug/kg	330	05/21/98	SAC	117-81-7	
Di n octylphthalate	ND	ug/kg	330	05/21/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	05/21/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	05/21/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	05/21/98	SAC	50-32-8	
Indeno(1,2,3 cd)pyrene	ND	ug/kg	330	05/21/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	05/21/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	05/21/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	62	%		05/21/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	69	%		05/21/98	SAC	321-60-8	
Terphenyl-d14 (S)	67	%		05/21/98	SAC	1718-51-0	
Phenol-d6 (S)	50	%		05/21/98	SAC	13127-88-3	
2-Fluorophenol (S)	37	%		05/21/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	69	%		05/21/98	SAC	118-79-6	
Date Extracted				05/19/98			

Page Project Number: 107130
Client Project ID: 980509-1A

Lab Sample No 10613106 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID. TH24-1-SURR Date Received: 05/12/98

Parameter	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC Semi-VOA							
PCBs in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.033	05/22/98	DKP	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.033	05/22/98	DKP	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.033	05/22/98	DKP	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.033	05/22/98	DKP	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.033	05/22/98	DKP	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.033	05/22/98	DKP	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.033	05/22/98	DKP	11096-82-5	
Tetrachloro-meta-xylene (S)	113	%		05/22/98	DKP	877-09-8	
Decachlorobiphenyl (S)	116	%		05/22/98	DKP	2051-24-3	
Date Extracted				05/20/98			
GC/MS - Semi VOA							
Semivolatile Organics		Method: EPA 8270				Prep Method: EPA 3550	
Phenol	ND	ug/kg	330	05/21/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	05/21/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	05/21/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	05/21/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	05/21/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	05/21/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	05/21/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	05/21/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	05/21/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	05/21/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	05/21/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	05/21/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	05/21/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	05/21/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	05/21/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	05/21/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	05/21/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	05/21/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	05/21/98	SAC	106-47-8	

Pace Project Number: 107339
Client Project ID: 980Sep13

Pace Sample No: 10633386 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH24-1 SURR Date Received: 05/12/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
Hexachlorobutadiene	ND	ug/kg	330	05/21/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	05/21/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	05/21/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	05/21/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	05/21/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	05/21/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	05/21/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	05/21/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	05/21/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	05/21/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	05/21/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	05/21/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/kg	1600	05/21/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	05/21/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	05/21/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	05/21/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	05/21/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	05/21/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	05/21/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	05/21/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	05/21/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	05/21/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	05/21/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	05/21/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	05/21/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	05/21/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	05/21/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	05/21/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	05/21/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	05/21/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	05/21/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	05/21/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	05/21/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	05/21/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	05/21/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	05/21/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	05/21/98	SAC	50-32-8	

Pace Project Number: 107330
Client Project ID: 980509.11

Pace Sample No: 10631186
Client Sample ID: TH24-1-SOIL

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	05/21/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	05/21/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	05/21/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	58	%		05/21/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	69	%		05/21/98	SAC	321-60-8	
Terphenyl-d14 (S)	82	%		05/21/98	SAC	1718-51-0	
Phenol-d6 (S)	56	%		05/21/98	SAC	13127-88-3	
2-Fluorophenol (S)	35	%		05/21/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	60	%		05/21/98	SAC	118-79-6	
Date Extracted				05/19/98			

Pace Project Number: 107130
Client Project ID: WR0509-13

Lab Sample No: 10633394 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH24 1-5 Date Received: 05/12/98

Parameter	Results	Units	PRL	Analyzed	Analyst	CASN	Footnotes
GC - Semi VOA							
PCBs in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB 1016 (Arochlor 1016)	ND	mg/kg	0.044	05/22/98	DKP	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.044	05/22/98	DKP	11104-28-2	
PCB 1232 (Arochlor 1232)	ND	mg/kg	0.044	05/22/98	DKP	11141-16-5	
PCB 1242 (Arochlor 1242)	ND	mg/kg	0.044	05/22/98	DKP	53469-21-9	
PCB 1248 (Arochlor 1248)	ND	mg/kg	0.044	05/22/98	DKP	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.044	05/22/98	DKP	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.044	05/22/98	DKP	11096-82-5	
Tetrachloro-meta-xylene (S)	106	%		05/22/98	DKP	877-09-8	
Decachlorobiphenyl (S)	107	%		05/22/98	DKP	2051-24-3	
Date Extracted				05/20/98			
GC/MS Semi VOA							
Semivolatile Organics		Method: EPA 8270				Prep Method: EPA 3550	
Phenol	ND	ug/kg	430	05/21/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	430	05/21/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	430	05/21/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	05/21/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	05/21/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	05/21/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	05/21/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	05/21/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	430	05/21/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	05/21/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	430	05/21/98	SAC	98-95-3	
Isophorone	ND	ug/kg	430	05/21/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	05/21/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	430	05/21/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	05/21/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	430	05/21/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	430	05/21/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	05/21/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	05/21/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	05/21/98	SAC	106-47-8	

Pace Project Number: 107319
Client Project ID: 980509-13

Pace Sample No: 10033394
Client Sample ID: TH24-1 S
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Hexachlorobutadiene	ND	ug/kg	330	05/21/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	05/21/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	05/21/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	05/21/98	SAC	77-47-4	
2,4,6 Trichlorophenol	ND	ug/kg	330	05/21/98	SAC	88-06-2	
2,4,5 Trichlorophenol	ND	ug/kg	330	05/21/98	SAC	95-95-4	
2 Chloronaphthalene	ND	ug/kg	330	05/21/98	SAC	91-58-7	
2 Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	05/21/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	05/21/98	SAC	208-96-8	
2,6 Dinitrotoluene	ND	ug/kg	330	05/21/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	05/21/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	05/21/98	SAC	51-28-5	
4 Nitrophenol	ND	ug/kg	1600	05/21/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	05/21/98	SAC	132-64-9	
2,6 Dinitrotoluene	ND	ug/kg	330	05/21/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	05/21/98	SAC	84-66-2	
4 Chlorophenyl phenylether	ND	ug/kg	330	05/21/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	05/21/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	05/21/98	SAC	100-01-6	
4,6 Dinitro-2-methylphenol	ND	ug/kg	1600	05/21/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	05/21/98	SAC	86-30-6	
4 Bromophenyl phenylether	ND	ug/kg	330	05/21/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	05/21/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	05/21/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	05/21/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	05/21/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	05/21/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	130	05/21/98	SAC	206-44-0	
Pyrene	ND	ug/kg	130	05/21/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	130	05/21/98	SAC	85-68-7	
3,3' Dichlorobenzidine	ND	ug/kg	660	05/21/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	130	05/21/98	SAC	56-55-3	
Chrysene	ND	ug/kg	130	05/21/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	110	05/21/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	110	05/21/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	110	05/21/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	110	05/21/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	110	05/21/98	SAC	50-32-8	

Pace Project Number 107339
Client Project ID: 980509 1(

ce Sample No: 10633394
Client Sample ID: TH24-1-6

Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	05/21/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	05/21/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	05/21/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	67	%		05/21/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	78	%		05/21/98	SAC	321-60-8	
Terphenyl d14 (S)	66	%		05/21/98	SAC	1718-51-0	
Phenol d6 (S)	57	%		05/21/98	SAC	13127-88-3	
2-Fluorophenol (S)	37	%		05/21/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	66	%		05/21/98	SAC	118-79-6	
Date Extracted				05/19/98			

Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No	10611402	Date Collected:	05/08/98	Matrix:	Soil
Client Sample ID	TP24-1-18	Date Received:	05/12/98		

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC -- Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.12	05/22/98	DKP	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.12	05/22/98	DKP	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.12	05/22/98	DKP	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.12	05/22/98	DKP	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.12	05/22/98	DKP	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.12	05/22/98	DKP	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.12	05/22/98	DKP	11096-82-5	
Tetrachloro-meta-xylene (S)	118	%		05/22/98	DKP	877-09-8	
Decachlorobiphenyl (S)	116	%		05/22/98	DKP	2051-24-3	
Date Extracted				05/20/98			
GC/MS Semi VOA							
Semivolatile Organics		Method: EPA 8270				Prep Method: EPA 3550	
Phenol	410	ug/kg	330	05/22/98	SAC	108-95-2	
Bis(2-Chloroethyl)ether	ND	ug/kg	330	05/22/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	05/22/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	05/22/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	05/22/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	05/22/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	05/22/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	05/22/98	SAC	95-48-7	
Bis(2-Chloroisopropyl)ether	ND	ug/kg	330	05/22/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	05/22/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	05/22/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	05/22/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	05/22/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	05/22/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	05/22/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	05/22/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	05/22/98	SAC	65-85-0	
Bis(2-Chloroethoxy)methane	ND	ug/kg	330	05/22/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	05/22/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	05/22/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	05/22/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	05/22/98	SAC	106-47-8	

Base Project Number: 107119
Client Project ID: 980509-11

CT Sample No: 10611402
Client Sample ID: TP24-1-10

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix Soil

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Hexachlorobutadiene	ND	ug/kg	110	05/22/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	650	05/22/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	110	05/22/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	110	05/22/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	110	05/22/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	110	05/22/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	110	05/22/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	05/22/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	110	05/22/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	05/22/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	05/22/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	05/22/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	05/22/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	05/22/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/kg	1600	05/22/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	05/22/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	05/22/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	05/22/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	05/22/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	05/22/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	05/22/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	05/22/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	05/22/98	SAC	86-30-6	
4-Bromophenyl phenylether	ND	ug/kg	330	05/22/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	110	05/22/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	05/22/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	110	05/22/98	SAC	85-01-8	
Anthracene	ND	ug/kg	110	05/22/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	05/22/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	05/22/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	05/22/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	05/22/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	650	05/22/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	05/22/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	05/22/98	SAC	218-01-9	
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	05/22/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	05/22/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	05/22/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	05/22/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	05/22/98	SAC	50-32-8	

Pace Project Number: 10711
Client Project ID: 980409-13

re Sample No: 10633402
Client Sample ID: TH24-1-10
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	05/22/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	05/22/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	05/22/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	67	%		05/22/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	70	%		05/22/98	SAC	321-60-8	
Terphenyl-d14 (S)	116	%		05/22/98	SAC	1718-51-0	
Phenol-d6 (S)	64	%		05/22/98	SAC	13127-88-3	
2-Fluorophenol (S)	71	%		05/22/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	88	%		05/22/98	SAC	118-79-6	
Date Extracted				05/19/98			

Pace Project Number: 107339
Client Project ID: 980509 14

Pace Sample No: 10631410 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH20-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics		Method: EPA 8270			Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	05/27/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	05/22/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	05/22/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	05/22/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	05/22/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	05/22/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	05/22/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	05/22/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	05/22/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	05/22/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	05/22/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	05/22/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	05/22/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	05/22/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	05/22/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	05/22/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	05/22/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	05/22/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	05/22/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	05/22/98	SAC	120-82-1	
Naphthalene	97	ug/kg	330	05/22/98	SAC	91-20-3	1
4-Chloroaniline	ND	ug/kg	660	05/22/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	05/22/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	05/22/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	05/22/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	05/22/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	05/22/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	05/22/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	05/22/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	05/22/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	05/22/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	05/22/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	05/22/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	05/22/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	05/22/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	05/22/98	SAC	51-28-5	

Pace Project Number: 107319
Client Project ID: 980509-13

Lab Sample No: 10613410 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH25-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CASN	Footnotes
4-Nitrophenol	ND	ug/kg	1600	05/22/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	05/22/98	SAC	132-64-9	
2,6-Dinitrotoluene	ND	ug/kg	330	05/22/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	05/22/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	05/22/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	05/22/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	05/22/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	05/22/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	05/22/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	05/22/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	05/22/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	05/22/98	SAC	87-86-5	
Phenanthrene	430	ug/kg	330	05/22/98	SAC	85-01-8	
Anthracene	430	ug/kg	330	05/22/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	05/22/98	SAC	84-74-2	
Fluoranthene	1600	ug/kg	330	05/22/98	SAC	206-44-0	
Pyrene	2500	ug/kg	330	05/22/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	05/22/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	05/22/98	SAC	91-94-1	
Benzo(a)anthracene	2100	ug/kg	330	05/22/98	SAC	56-55-3	
Chrysene	2100	ug/kg	330	05/22/98	SAC	218-01-9	
Bis(2-ethylhexyl)phthalate	ND	ug/kg	330	05/22/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	05/22/98	SAC	117-84-0	
Benzo(b)fluoranthene	3700	ug/kg	330	05/22/98	SAC	205-99-2	
Benzo(k)fluoranthene	1500	ug/kg	330	05/22/98	SAC	207-08-9	
Benzo(a)pyrene	3500	ug/kg	330	05/22/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	1100	ug/kg	330	05/22/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	05/22/98	SAC	53-70-3	
Benzo(g,h,i)perylene	900	ug/kg	330	05/22/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	71	%		05/22/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	72	%		05/22/98	SAC	321-60-8	
Terphenyl-d14 (S)	93	%		05/22/98	SAC	1718-51-0	
Phenol-d6 (S)	68	%		05/22/98	SAC	13127-88-3	
2-Fluorophenol (S)	73	%		05/22/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	87	%		05/22/98	SAC	118-79-6	
Date Extracted				05/19/98			

Pace Project Number: 107334
Client Project ID: 980504 11

Lab Sample No: 10033444 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-SUR Date Received: 05/11/98

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC - Semi-VOA							
PCBs in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB 1016 (Aroclor 1016)	ND	mg/kg	0.004	05/22/98	DKP	12674-11-2	
PCB 1221 (Aroclor 1221)	ND	mg/kg	0.004	05/22/98	DKP	11104-28-2	
PCB 1232 (Aroclor 1232)	ND	mg/kg	0.004	05/22/98	DKP	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.004	05/22/98	DKP	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.004	05/22/98	DKP	12672-29-6	
PCB 1254 (Aroclor 1254)	ND	mg/kg	0.004	05/22/98	DKP	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.004	05/22/98	DKP	11096-82-5	
Tetrachloro-meta-xylene (S)	104	%		05/22/98	DKP	877-09-8	
Decachlorobiphenyl (S)	97	%		05/22/98	DKP	2051-24-3	
Date Extracted				05/20/98			
GC/MS - Semi-VOA							
Semivolatile Organics		Method: EPA 8270				Prep Method: EPA 3550	
Phenol	410	mg/kg	330	05/27/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	mg/kg	330	05/27/98	SAC	111-44-4	
2-Chlorophenol	ND	mg/kg	330	05/27/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	mg/kg	330	05/27/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	330	05/27/98	SAC	106-46-7	
Benzyl Alcohol	ND	mg/kg	660	05/27/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	mg/kg	330	05/27/98	SAC	95-50-1	
2-Methylphenol	ND	mg/kg	330	05/27/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	mg/kg	330	05/27/98	SAC	39638-32-9	
4-Methylphenol	ND	mg/kg	330	05/27/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	mg/kg	330	05/27/98	SAC	621-64-7	
Hexachloroethane	ND	mg/kg	330	05/27/98	SAC	67-72-1	
Nitrobenzene	ND	mg/kg	330	05/27/98	SAC	98-95-3	
Isophorone	ND	mg/kg	330	05/27/98	SAC	78-59-1	
2-Nitrophenol	ND	mg/kg	330	05/27/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	mg/kg	330	05/27/98	SAC	105-67-9	
Benzoic Acid	ND	mg/kg	1600	05/27/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	mg/kg	330	05/27/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	mg/kg	330	05/27/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	mg/kg	330	05/27/98	SAC	120-82-1	
Naphthalene	ND	mg/kg	330	05/27/98	SAC	91-20-3	
4-Chloroaniline	ND	mg/kg	660	05/27/98	SAC	106-47-8	

Pace Project Number: 107119
Client Project ID: 980509-11

Pace Sample No.: 10833444 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-SUR Date Received: 05/12/98

Parameter	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
Hexachlorobutadiene	ND	ug/kg	330	05/22/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	05/22/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	05/22/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	05/22/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	05/22/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	05/22/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	05/22/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	05/22/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	05/22/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	05/22/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	05/22/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	05/22/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	05/22/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	05/22/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/kg	1600	05/22/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	05/22/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	05/22/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	05/22/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	05/22/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	05/22/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	05/22/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	05/22/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	05/22/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	05/22/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	05/22/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	05/22/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	05/22/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	05/22/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	05/22/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	05/22/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	05/22/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	05/22/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	05/22/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	05/22/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	05/22/98	SAC	218-01-9	
Bis(2-ethylhexyl)phthalate	ND	ug/kg	330	05/22/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	05/22/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	05/22/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	05/22/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	05/22/98	SAC	50-32-8	

Accu Project Number: 107119
Client Project ID: 980509-19

Lab Sample No: 10633444 Date Collected: 05/08/98 Matrix Soil
Client Sample ID: TH22-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	05/22/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	05/22/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	05/22/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	57	%		05/22/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	63	%		05/22/98	SAC	321-60-8	
Terphenyl d14 (S)	85	%		05/22/98	SAC	1718-51-0	
Phenol-d6 (S)	98	%		05/22/98	SAC	13127-88-3	
2-Fluorophenol (S)	99	%		05/22/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	66	%		05/22/98	SAC	118-79-6	
Date Extracted				05/19/98			

Pace Project Number: 107119
Client Project ID: 980509-11

RAMSTER FOOTNOTES

ND	Not Detected
	Not Calculable
L	Pace Reporting Limit
S	Surrogate
(1)	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

e Analytical Long Beach NC
0 Gilman Street
Long Beach, CA 90815

Pace Project Number: 107339
Client Project ID: 980509 13

: Mr. Richard Villalonia
Phone: (562)498-9511

Batch ID: 12426
alysis Method EPA 8270
Associated Lab Samples:
10633429 10633437 10633445 10633452 10633460
10633486 10633494 10633502 10633510 10633444

QC Batch Method: EPA 3550
Analysis Description: Semivolatile Organics

METHOD BLANK: 10643591
Associated Lab Samples:
10633429 10633437 10633445 10633452 10633460 10633486 10633494
10633402 10633410 10633444

Parameter	Units	Method Blank Result	PRL	Footnotes
enol	ug/kg	ND	330	
(2-Chloroethyl)ether	ug/kg	ND	330	
Chlorophenol	ug/kg	ND	330	
3-Dichlorobenzene	ug/kg	ND	330	
4-Dichlorobenzene	ug/kg	ND	330	
Benzyl Alcohol	ug/kg	ND	660	
2-Dichlorobenzene	ug/kg	ND	330	
2-Methylphenol	ug/kg	ND	330	
bis(2-Chloroisopropyl)ether	ug/kg	ND	330	
4-Methylphenol	ug/kg	ND	330	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	
Hexachloroethane	ug/kg	ND	330	
Nitrobenzene	ug/kg	ND	330	
Isophorone	ug/kg	ND	330	
2-Nitrophenol	ug/kg	ND	330	
2-Dimethylphenol	ug/kg	ND	330	
Benzoic Acid	ug/kg	ND	1600	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	
2,4-Dichlorophenol	ug/kg	ND	330	
1,2,4-Trichlorobenzene	ug/kg	ND	330	
Naphthalene	ug/kg	ND	330	
4-Chloroaniline	ug/kg	ND	660	
Hexachlorobutadiene	ug/kg	ND	330	

TMOD BLANK: 10641491
Associated Pace Samples:

10633329 10633337 10633345 10633352 10633360 10633386 10633394
10633402 10633410 10633444

Parameters	Units	Method Blank Result	PRL	Footnotes
(Chloro)-4-methylphenol	ug/kg	ND	660	
Methylnaphthalene	ug/kg	ND	330	
Hexachlorocyclopentadiene	ug/kg	ND	330	
2,4,6-Trichlorophenol	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
Chloronaphthalene	ug/kg	ND	330	
Nitroaniline	ug/kg	ND	1600	
Methylphthalate	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
Nitroaniline	ug/kg	ND	1600	
Acenaphthene	ug/kg	ND	330	
2,4-Dichlorophenol	ug/kg	ND	1600	
4-Nitrophenol	ug/kg	ND	1600	
Dibenzofuran	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
Diethylphthalate	ug/kg	ND	330	
4-Chlorophenyl phenylether	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
Nitroaniline	ug/kg	ND	1600	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1600	
Nitrosodiphenylamine	ug/kg	ND	330	
4-Bromophenyl phenylether	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1600	
Phenanthrene	ug/kg	ND	110	
Anthracene	ug/kg	ND	110	
Di-n-butylphthalate	ug/kg	ND	110	
Fluoranthene	ug/kg	ND	110	
Pyrene	ug/kg	ND	110	
Butylbenzylphthalate	ug/kg	ND	110	
3,3'-Dichlorobenzidine	ug/kg	ND	660	
Benzo(a)anthracene	ug/kg	ND	330	
Chrysene	ug/kg	ND	330	
Bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	
Di-n-octylphthalate	ug/kg	ND	330	
Benzo(b)fluoranthene	ug/kg	ND	330	

Pace Project Number: 107339
Client Project Id: 980509-13

PMCD BLANK 10641941
Associated Pace Samples:

10633329 10633337 10633345 10633352 10633360 10633386 10633394
10633402 10633410 10633444

Parameter	Units	Method Blank Result	PRL	Footnotes
Benzo(k)fluoranthene	ug/kg	ND	330	
Benzo(a)pyrene	ug/kg	ND	330	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	
Dibenz(a,h)anthracene	ug/kg	ND	330	
Benzo(g,h,i)perylene	ug/kg	ND	330	
Nitrobenzene-d5 (S)	%	63		
2-fluorobiphenyl (S)	%	72		
p-Terphenyl-d14 (S)	%	68		
Phenol-d6 (S)	%	59		
2-fluorophenol (S)	%	41		
2,4,6-Tribromophenol (S)	%	71		

LABORATORY CONTROL SAMPLE & LCSD 10643609 10643617

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Phenol	ug/kg	1667	936.7	56.2	1057	63.4	12	
2-Chlorophenol	ug/kg	1667	926.7	55.6	1041	62.4	12	
1,4-Dichlorobenzene	ug/kg	1667	1150	69.0	1200	72.0	4	
N-Nitroso-di-n-propylamine	ug/kg	1667	960.0	57.6	1071	64.4	11	
1,2,4-Trichlorobenzene	ug/kg	1667	1177	70.6	1173	70.4	0	
4-Chloro-3-methylphenol	ug/kg	1667	1093	65.6	1097	65.8	0	
Acenaphthene	ug/kg	1667	1267	76.0	1277	76.6	1	
4-Nitrophenol	ug/kg	1667	976.7	58.6	936.7	56.2	4	
2,4-Dinitrotoluene	ug/kg	1667	1333	80.0	1404	84.2	5	
Pentachlorophenol	ug/kg	1667	1000	60.0	1511	91.2	40	
Pyrene	ug/kg	1667	1147	68.8	1090	65.4	5	
Nitrobenzene-d5 (S)				64		68		
2-fluorobiphenyl (S)				74		73		
p-Terphenyl-d14 (S)				70		67		

Cc: Analytical Long Beach AC
50 Gilman Street
Long Beach, CA 90813

Pace Project Number: 107139
Client Project ID: 980509-13

Attn: Mr. Richard Villafania
Phone: (562)490-9515

Batch ID: 12691
Analysis Method: EPA 8080
Associated Pace Samples: 10633129, 10633144

QC Batch Method: EPA 3550
Analysis Description: PCB's in Soil, Low Level
10633337, 10633186, 10633194, 10633409

LABORATORY CONTROL SAMPLE & LCSD: 10633202, 10633210

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes

Pace Project Number: 107339
Client Project ID: 980509-13

LITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values

	Not Detected
	Not Calculable
	Pace Reporting Limit
RPD	Relative Percent Difference
	Surrogate

Advanced Technology Laboratories

May 26, 1998 ELAP No.: 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: Archive 980522-03
Lab No.: 26188-001/008

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: Archive
Date Received: 05/21/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	Method Blank		Z6188-003		26188-004		26188-005		26188-006	
Client Sample I.D.:	--		TH25-1-5		TH22-1-15		T22-2-4		T-21-3-3	
Date Sampled:	--		NA		NA		NA		NA	
QC Batch #:	P98VOCS091		P98VOCS091		P98VOCS091		P98VOCS091		P98VOCS091	
Date Analyzed:	05/22/98		05/22/98		05/22/98		05/22/98		05/22/98	
Analyst Initials:	EM		EM		EM		EM		EM	
Dilution Factor:	1		1		1		1		1	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Result	DLR	Results
Benzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromodichloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromoform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
sec-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
tert-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Carbon tetrachloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
4-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromochloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dibromo-3-chloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2-Dibromoethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,4-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dichlorodifluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
cis-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: Archive
Date Received: 05/21/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	Method Blank		26188-003		26188-004		26188-005		26188-006	
Client Sample I.D.:	--		TH25-1-5		TH22-1-15		T22-2-4		T-21-3-3	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Result	DLR	Results
trans-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
,3-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloropropene	5	5	ND	5	ND	5	ND	5	ND	5	ND
thylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
lexachlorobutadiene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Isopropylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
-Isopropyltoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Methylene Chloride	15	15	ND	15	ND	15	ND	15	ND	15	ND
Methyl tert-Butyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND
Naphthalene	5	5	ND	5	ND	5	ND	5	ND	5	ND
-Propylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
tyrene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
,1,2,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Tetrachloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Toluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
,2,4-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
,1,1-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichlorofluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2,4-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
,3,5-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Vinyl Chloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Xylenes (Total)	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 5-28-98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: Archive
Date Received: 05/21/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	Method Blank		26188-008		LCS					
Client Sample I.D.:	–		T11-3-5		-					
Date Sampled:	–		NA		-					
QC Batch #:	P98VOCS091		P98VOCS091		P98VOCS091					
Date Analyzed:	05/22/98		05/22/98		05/22/98					
Analyst Initials:	EM		EM		EM					
Dilution Factor:	1		1		1					
ANALYTE	MDL	DLR	Results	DLR	Results	Limit	% Rec			
Benzene	5	5	ND	5	ND	21-175	114			
Bromobenzene	5	5	ND	5	ND	21-175	121			
Bromodichloromethane	5	5	ND	5	ND	21-175	111			
Bromoform	5	5	ND	5	ND	21-175	114			
Bromomethane	5	5	ND	5	ND	21-175	106			
n-Butylbenzene	5	5	ND	5	ND	21-175	136			
sec-Butylbenzene	5	5	ND	5	ND	21-175	125			
tert-Butylbenzene	5	5	ND	5	ND	21-175	125			
Carbon tetrachloride	5	5	ND	5	ND	21-175	115			
Chlorobenzene	5	5	ND	5	ND	21-175	112			
Chloroethane	5	5	ND	5	ND	21-175	124			
Chloroform	5	5	ND	5	ND	21-175	92			
Chloromethane	5	5	ND	5	ND	21-175	47			
2-Chlorotoluene	5	5	ND	5	ND	21-175	128			
4-Chlorotoluene	5	5	ND	5	ND	21-175	130			
Dibromochloromethane	5	5	ND	5	ND	21-175	117			
1,2-Dibromo-3-chloropropane	10	10	ND	10	ND	21-175	113			
1,2-Dibromoethane	5	5	ND	5	ND	21-175	111			
Dibromomethane	5	5	ND	5	ND	21-175	111			
1,2-Dichlorobenzene	5	5	ND	5	ND	21-175	124			
1,3-Dichlorobenzene	5	5	ND	5	ND	21-175	123			
1,4-Dichlorobenzene	5	5	ND	5	ND	21-175	123			
Dichlorodifluoromethane	5	5	ND	5	ND	21-175	110			
1,1-Dichloroethane	5	5	ND	5	ND	21-175	91			
1,2-Dichloroethane	5	5	ND	5	ND	21-175	109			
1,1-Dichloroethene	5	5	ND	5	ND	21-175	91			
cis-1,2-Dichloroethene	5	5	ND	5	ND	21-175	91			

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: Archive
Date Received: 05/21/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	Method Blank			26188-008		LCS					
Client Sample I.D.:	--			T11-3-5		-					
ANALYTE	MDL	DLR	Results	DLR	Results	Limit	% Rec.				
trans-1,2-Dichloroethene	5	5	ND	5	ND	21-175	94				
1,2-Dichloropropane	5	5	ND	5	ND	21-175	105				
1,3-Dichloropropane	5	5	ND	5	ND	21-175	116				
2,2-Dichloropropane	5	5	ND	5	ND	21-175	96				
1,1-Dichloropropene	5	5	ND	5	ND	21-175	110				
Ethylbenzene	5	5	ND	5	ND	21-175	126				
Hexachlorobutadiene	5	5	ND	5	ND	21-175	135				
Isopropylbenzene	5	5	ND	5	ND	21-175	124				
p-Isopropyltoluene	5	5	ND	5	ND	21-175	129				
Methylene Chloride	15	15	ND	15	ND	21-175	91				
Naphthalene	5	5	ND	5	ND	21-175	101				
n-Propylbenzene	5	5	ND	5	ND	21-175	130				
Styrene	5	5	ND	5	ND	21-175	127				
1,1,1,2-Tetrachloroethane	5	5	ND	5	ND	21-175	118				
1,1,2,2-Tetrachloroethane	5	5	ND	5	ND	21-175	112				
Tetrachloroethene	5	5	ND	5	ND	21-175	130				
Toluene	5	5	ND	5	ND	21-175	117				
1,2,3-Trichlorobenzene	5	5	ND	5	ND	21-175	119				
1,2,4-Trichlorobenzene	5	5	ND	5	ND	21-175	125				
1,1,1-Trichloroethane	5	5	ND	5	ND	21-175	99				
1,1,2-Trichloroethane	5	5	ND	5	ND	21-175	108				
Trichloroethene	5	5	ND	5	ND	21-175	115				
Trichlorofluoromethane	5	5	ND	5	ND	21-175	115				
1,2,3-Trichloropropane	10	10	ND	10	ND	21-175	117				
1,2,4-Trimethylbenzene	5	5	ND	5	ND	21-175	125				
1,3,5-Trimethylbenzene	5	5	ND	5	ND	21-175	128				
Vinyl Chloride	5	5	ND	5	ND	21-175	56				
Xylenes (Total)	5	5	ND	5	ND	21-175	128				

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 5/27/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
ttn: Mr. Richard Villafania

Client's Project: Archive
ate Received: 05/21/98
latrix: Soil
Units: ug/kg

EPA Method 8260 (Oxygenated Compounds)

Lab No.:	Method Blank		26188-003		26188-004		26188-005		26188-006		26188-008	
Client Sample I.D.:	—		TH25-1-5		TH22-1-15		T22-2-4		T-21-3-3		T11-3-5	
Date Sampled:	---		NA		NA		NA		NA		NA	
QC Batch #:	P98VOCS091		P98VOCS091		P98VOCS091		P98VOCS091		P98VOCS091		P98VOCS091	
Date Analyzed:	05/22/98		05/22/98		05/22/98		05/22/98		05/22/98		05/22/98	
Analyst Initials:	EM		EM		EM		EM		EM		EM	
Dilution Factor:	1		1		1		1		1		1	
ANALYTE	MDL											
thanol	2000	2000	ND	2000	ND	2000	ND	2000	ND	2000	ND	2000	ND
ert-Butanol	100	100	ND	100	ND	100	ND	100	ND	100	ND	100	ND
lethyl tert-Butyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Di-isopropyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
thyl tert-Butyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
ert-Amyl methyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND

IDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
IA = Not Analyzed

Reviewed/Approved By: _____ Date 5/29/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: Archive
Date Received: 05/21/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:	Method Blank	26188-001	26188-002	26188-003	26188-004	26188-007
Client Sample I.D.:	--	R5-2-30	TH24-1-5	TH25-1-5	TH22-1-15	T12-3-5
Date Sampled:	--	NA	NA	NA	NA	NA
QC Batch #:	S988270S122	S988270S122	S988270S122	S988270S122	S988270S122	S988270S122
Date Extracted:	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
Date Analyzed:	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98
Analyst Initials:	SM	SM	SM	SM	SM	SM
Dilution Factor:	1	1	1	1	1	1

ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Phenol	330	330	ND	330	ND	330	1200	330	560	330	ND	330	340
bis (2-Chloroethyl)ether	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
2-Chlorophenol	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
1,3-Dichlorobenzene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
1,4-Dichlorobenzene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Benzyl Alcohol	660	660	ND	660	ND	660	ND	660	ND	660	ND	660	ND
1,2-Dichlorobenzene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
2-Methylphenol	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
bis(2-chloroisopropyl)ether	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
n-Nitroso-di-n-propylamine	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
4-Methylphenol	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Hexachloroethane	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Nitrobenzene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Isophorone	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
2-Nitrophenol	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
2,4-Dimethylphenol	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
bis(2-Chloroethoxy)methane	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
2,4-Dichlorophenol	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Benzoic Acid	1700	1700	ND	1700	ND	1700	ND	1700	ND	1700	ND	1700	ND
1,2,4-Trichlorobenzene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Naphthalene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
4-Chloroaniline	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Hexachlorobutadiene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
4-Chloro-3-methylphenol	660	660	ND	660	ND	660	ND	660	ND	660	ND	660	ND
2-Methylnaphthalene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Hexachlorocyclopentadiene	660	660	ND	660	ND	660	ND	660	ND	660	ND	660	ND
2,4,6-Trichlorophenol	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
2,4,5-Trichlorophenol	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
2-Chloronaphthalene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
2-Nitroaniline	1700	1700	ND	1700	ND	1700	ND	1700	ND	1700	ND	1700	ND
Dimethylphthalate	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Acenaphthylene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
2,6-Dinitrotoluene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
3-Nitroaniline	1700	1700	ND	1700	ND	1700	ND	1700	ND	1700	ND	1700	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed
The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania
Client's Project: Archive
Date Received: 05/21/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:		Method Blank		26188-001		26188-002		26188-003		26188-004		26188-007	
Client Sample I.D.:		–		R5-2-30		TH24-1-5		TH25-1-5		TH22-1-15		T12-3-5	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Acenaphthene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
2,4-Dinitrophenol	1700	1700	ND	1700	ND	1700	ND	1700	ND	1700	ND	1700	ND
Dibenzofuran	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
4-Nitrophenol	1700	1700	ND	1700	ND	1700	ND	1700	ND	1700	ND	1700	ND
2,4-Dinitrotoluene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Fluorene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Diethylphthalate	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
4-Chlorophenyl-phenyl ether	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
4-Nitroaniline	1700	1700	ND	1700	ND	1700	ND	1700	ND	1700	ND	1700	ND
4,6-Dinitro-2-methylphenol	1700	1700	ND	1700	ND	1700	ND	1700	ND	1700	ND	1700	ND
n-Nitrosodiphenylamine	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
4-Bromophenyl-phenyl ether	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Hexachlorobenzene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Pentachlorophenol	1700	1700	ND	1700	ND	1700	ND	1700	ND	1700	ND	1700	ND
Phenanthrene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Anthracene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Di-n-butylphthalate	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Fluoranthene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Pyrene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Butylbenzylphthalate	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Benzo[a]anthracene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
3,3'-Dichlorobenzidine	660	660	ND	660	ND	660	ND	660	ND	660	ND	660	ND
Chrysene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
bis(2-Ethylhexyl)phthalate	330	330	ND	330	390	330	ND	330	ND	330	ND	330	ND
Di-n-octylphthalate	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Benzo[b]fluoranthene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Benzo[k]fluoranthene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Benzo[a]pyrene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Indeno[1,2,3-cd]pyrene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Dibenz[a,h,]anthracene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND
Benzo[g,h,i]perylene	330	330	ND	330	ND	330	ND	330	ND	330	ND	330	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed

Approved/Reviewed By: _____ Date: 5/26/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: Archive
Date Received: 05/21/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:	LCS
Client Sample I.D.:	—
Date Sampled:	—
QC Batch #:	S988270S122
Date Extracted:	05/22/98
Date Analyzed:	05/26/98
Analyst Initials:	SM
Dilution Factor:	1

ANALYTE	MDL	Limit	%rec
Phenol	330	11-182	29
bis (2-Chloroethyl)ether	330	11-182	83
2-Chlorophenol	330	11-182	70
1,3-Dichlorobenzene	330	11-182	53
1,4-Dichlorobenzene	330	11-182	57
Benzyl Alcohol	660	11-182	67
1,2-Dichlorobenzene	330	11-182	60
2-Methylphenol	330	11-182	60
bis(2-chloroisopropyl)ether	330	11-182	50
n-Nitroso-di-n-propylamine	330	11-182	73
4-Methylphenol	330	11-182	57
Hexachloroethane	330	11-182	50
Nitrobenzene	330	11-182	80
Isophorone	330	11-182	83
2-Nitrophenol	330	11-182	97
2,4-Dimethylphenol	330	11-182	73
bis(2-Chloroethoxy)methane	330	11-182	83
2,4-Dichlorophenol	330	11-182	83
Benzoic Acid	1700	11-182	17
1,2,4-Trichlorobenzene	330	11-182	73
Naphthalene	330	11-182	77
4-Chloroaniline	330	11-182	73
Hexachlorobutadiene	330	11-182	67
4-Chloro-3-methylphenol	660	11-182	73
2-Methylnaphthalene	330	11-182	83
Hexachlorocyclopentadiene	660	11-182	53
2,4,6-Trichlorophenol	330	11-182	73
2,4,5-Trichlorophenol	330	11-182	77
2-Chloronaphthalene	330	11-182	70
2-Nitroaniline	1700	11-182	83
Dimethylphthalate	330	11-182	26
Acenaphthylene	330	11-182	83
2,6-Dinitrotoluene	330	11-182	103
3-Nitroaniline	1700	11-182	83

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed
The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania
Client's Project: Archive
Date Received: 05/21/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:	LCS		
Client Sample I.D.:	—		
ANALYTE	MDL	limit	%rec
Acenaphthene	330	11-182	83
2,4-Dinitrophenol	1700	11-182	110
Dibenzofuran	330	11-182	87
4-Nitrophenol	1700	11-182	33
2,4-Dinitrotoluene	330	11-182	133
Fluorene	330	11-182	80
Diethylphthalate	330	11-182	43
4-Chlorophenyl-phenyl ether	330	11-182	80
4-Nitroaniline	1700	11-182	70
4,6-Dinitro-2-methylphenol	1700	11-182	117
n-Nitrosodiphenylamine	330	11-182	40
4-Bromophenyl-phenyl ether	330	11-182	83
Hexachlorobenzene	330	11-182	93
Pentachlorophenol	1700	11-182	67
Phenanthrene	330	11-182	87
Anthracene	330	11-182	90
Di-n-butylphthalate	330	11-182	80
Fluoranthene	330	11-182	93
Pyrene	330	11-182	97
Butylbenzylphthalate	330	11-182	93
Benzo[a]anthracene	330	11-182	100
3,3'-Dichlorobenzidine	660	11-182	93
Chrysene	330	11-182	93
bis(2-Ethylhexyl)phthalate	330	11-182	83
Di-n-octylphthalate	330	11-182	63
Benzo[b]fluoranthene	330	11-182	67
Benzo[k]fluoranthene	330	11-182	80
Benzo[a]pyrene	330	11-182	14
Indeno[1,2,3-cd]pyrene	330	11-182	137
Dibenz[a,h,]anthracene	330	11-182	143
Benzo[g,h,i]perylene	330	11-182	170

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed

Approved/Reviewed By: _____ Date: 5/26/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\PVS0521.M (RTE Integrator)
Title : VOC 8240/8260B Advanced Technology Laboratory
Last Update : Thu May 21 16:15:25 1998
Response via : Initial Calibration

Non-Spiked Sample: 26192-02.D

	Spike Sample	Spike Duplicate Sample
File ID :	PMS0522A.D	PMD0522B.D
Sample :	P98VOCS091/MS 26192-02	P98VOCS091/MS 26192-02
Acq Time:	22 May 98 6:01 pm	22 May 98 6:29 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-dichloroethene	0.0	50	38	44	76	88	14	20	58-156
benzene	0.0	50	47	52	94	104	10	12	72-134
trichloroethene	0.0	50	44	50	88	99	12	16	55-145
toluene	0.0	50	46	52	91	103	12	16	73-127
chlorobenzene	0.0	50	43	51	87	103	17#	11	80-119

- Fails Limit Check

QC BATCH #P98VOCS091

Reviewed and Approved by: _____ Date: 5/26/98
Lee Ingvaldson
Organics Supervisor

Spike Recovery and RPD Summary Report - SOIL(mg/Kg)

Method : D:\HPCHEM\1\METHODS\8270C7A.M (RTE Integrator)
Title : EPA 8270C Advanced Technology Laboratory
Last Update : Wed May 13 14:08:24 1998
Response via : Initial Calibration

Non-Spiked Sample: SB0526B.D

	Spike Sample	Spike Duplicate Sample
File ID :	SMS0526A.D	SMD0526A.D
Sample :	soil 8270 e:5/22/98 S122 spike	soil 8270 e:5/22/98 S122 spike d
Acq Time:	26 May 1998 12:38 pm	26 May 1998 1:17 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.0	200	87	77	43	38	12	19	37- 92
2-Chlorophenol	0.0	200	148	130	74	65	13	20	33- 94
1,4-Dichlorobenzene	0.0	100	77	74	77	74	3	22	43- 91
N-Nitroso-di-n-propy	0.0	100	91	72	91	71	24	24	25-112
1,2,4-Trichlorobenze	0.0	100	90	85	90	85	7	19	47-104
4-Chloro-3-methylphe	0.0	200	148	128	74	64	15	19	33-106
Acenaphthene	0.0	100	97	86	97	86	11	19	39-103
4-Nitrophenol	0.0	200	89	90	45	45	0	21	22-117
2,4-Dinitrotoluene	0.0	100	94	101	94	101	7	21	46-106
Pentachlorophenol	0.0	200	150	122	75	61	21	24	11-120
Pyrene	0.0	100	107	90	107	90	17	17	24-124

QCBATCH#S980270S122

Reviewed/Approved By: _____ Date: 5/26/98
Lee Ingvaldson
Department Supervisor

Pace Analytical

423626

CHAIN-OF-CUSTODY RECORD
Analytical Request

ent PACE

ress

one

Report To: RICHARD

Bill To:

P.O. # / Billing Reference

Project Name / No. ARCHIVE

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.

Pace Project Manager

Pace Project No.

*Requested Due Date: 5-25-98

npled By (PRINT).

npler Signature Date Sampled

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	8080	8260	8270	REMARKS
RS-2-30											X		
TH24-1-5											X		
TH25-1-5										X	X		
TH22-1-15										X	X		
T22-2-4										X			
T-21-3-3										X			
T12-3-5											X		
T11-3-5										X			

ANALYSES REQUEST

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Hunglam			ATL	5/21	5:50

ditional Comments

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8-97

Pace Analytical

42562

CHAIN-OF-CUSTODY RECORD
Analytical Request

ent PACE	Report To:	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone	Project Name / No. ARCHIVE		*Requested Due Date: 5-25-98
Sampled By (PRINT):			
Sampler Signature	Date Sampled		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8080	8260	8270	REMARKS
1	T13-1-5										X			
2	T8-2-5										X			
3	T8-3-5										X	X		
4	T8-4-5											X		
5	T13-2-5											X		
6	T13-3-5										X			
7	~~T13-3-5~~													
8	~~T13-3-3~~													

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
				ATL	5.50	5/21

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

13283A
980522-03

423445

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: [illegible]	Report To:	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature Date Sampled

ITEM #	SAMPLE DESCRIPTION	TYPE	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: MTBE 8260	MTBE BTEX 8260	8270	8260	STLC Cr	STLC Pb	REMARKS
1	T12-3-5														X		RUSH 48H
2	T11-3-5															X	
3	T13-1-5																
4	T8-2-5			420 A													
5	T8-3-5																
6	T8-4-5																
7	T13-2-5																
8	T13-3-5																

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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FAX 2:30 12:32 PAGE.02

Pace Analytical

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980522-03

423444

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To:	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days
Address: Frank Ross	Bill To:	Pace Client No.
Phone	P.O. # / Billing Reference	Pace Project Manager
Sampled By (PRINT):	Project Name / No.	Pace Project No.
Sampler Signature	Date Sampled	Requested Due Date:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Pest 608	TPH-S 8250	STLC Pb	STLC Cu	STLC Cr	REMARKS
1	R5-2-30		A~~S~~B	13164A												RUSH
2	T28-2-60		T	13164A												
3	TH24-1-5			13273A												
4	TH25-1-5			13288A												HOLD TODAY
5	~~TH25-1-10~~	828	B	13288A												
6	TH22-1-15			13273A												
7	TB-22-2-4			13273A							X	X	X	X	X	
8	T-21-3-3													X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS	ITEM NO.	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME

Additional Comments

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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BMS 5/31

MAY 21 '99 10:03 510 785 1152 PAGE.02

Pace Analytical

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980522-03

423446

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI
Address:
Phone:

Report To:
Bill To:
P.O. # / Billing Reference:
Project Name / No.:

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week ☐ 2 Weeks
- ☐ Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.:
*Requested Due Date:

Sampled By (PRINT):
Sampler Signature:
Date Sampled:

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Metals	Strontium	REMARKS
1	TB-3-5 ✓			18 5/24							X	⊗	RUSH 48H ↓
2	TB-3-3 ✓										X	⊗	
3													
4													
5													
6													
7													
8													

Pres 5/31

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Apr 21 09 12:20

510 785 1192

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Pace Analytical

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980509-13 4 423333
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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Hayward CA 94545	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone	Project Name / No.		*Requested Due Date: 5-25-98

Sampled By (PRINT): Scott Bowen

Sampler Signature: [signature] Date Sampled: 5/8/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM METALS	TPH-D	PCBs	VOCs	SVOCs	REMARKS
1	TH22-1-3	840	S								X	X	X	X	X	
2	TH22-1-5	845														
3	TH22-1-10	850														RUSH
4	TH22-1-15	900														Archive
5	TH23-1-5	920									X	X		X	X	
6	TH23-1-3	925														
7	TH23-1-5	930														
8	TH23-1-10	935														RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] PSI	5/8/98	1700	FEDEX	5/9/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1520 W. Winton Hayward CA	Bill To: ←		Pace Project Manager
Phone: (510) 258-11	P.O. # / Billing Reference: 575-8801		Pace Project No.
Sampled By (PRINT):	Project Name / No.: West Approach		*Requested Due Date: 5-26-98
Sampler Signature:	Date Sampled:		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR METALS	TRH-5	VOCs	SVOCs	PCB	REMARKS
1	TH25-1-15	940	S								X	X	X	X		Archive
2	TH24-1-5	1000	↓								↓	↓	↓	↓	X	
3	TH24-1-3	1005														RUSH
4	TH24-1-5	1010														
5	TH24-1-10	1020														
6	TH24-1-15	1025									↓	↓	↓	↓	↓	Archive
7	TH25-1-5	1105									X	X	X	X		
8	TH25-1-3	1110	↓								X	X	X	X		RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature]			Hunglam/Pace	5-9-98	1300

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: DSL	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 Winton Hayward, CA	Bill To: ←		Pace Project Manager
Phone: (510) 785-1114	P.O. # / Billing Reference: 86001		Pace Project No.
Sampled By (PRINT):	Project Name / No.: West App		*Requested Due Date: 5-25-98
Sampler Signature:	Date Sampled:		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CLP Metals	TPH-5	VOCs	SVOCs	PCB	BTEX	REMARKS
1	TH25-1-5	1110	S								X	X	X	X			Archive
2	TH25-1-10	1120															
3	TH25-1-15	1125															
4	TZ0-2-5	1300									X	X	X				
5	TZ0-2-3	1305															RUSH
6	TZ0-2-5	1310															Archive
7	TZ1-3-5	1315									X	X	X	X	No		RUSH
8	TZ1-3-3	1320									X	X	X	X	No		~~RUSH~~ Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible] / PDI	5/5/98	1700	FEDEX	5/6/98	0700

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Pass	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: Hayward	Bill To:		Pace Project Manager
Phone	P.O. # / Billing Reference		Pace Project No.
	Project Name / No.		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature

Date Sampled: 5/8/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST	REMARKS
1	~~T22-2-5~~ TH224-S	1830	S									
2	T22-2-5	1340										RUSH
3	T22-2-4	1345										Archive
4	T24-2-3	1420										
5	T24-2-3	1425										
6	T24-2-5	1430										RUSH
7	T24-2-10	1435	↓									Archive
8	T24-3-5	1445										RUSH

ANALYSES REQUEST: LUFT Metals; TPH-5 - carry over 131948 missed Wed; 8260; 8270; PCB; BTEX; No - OK

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
5	[illegible] / PSI	5/8/98	1700	PCDEX	5/8/98	1700

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Hayward CA 94545	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone	Project Name / No.		*Requested Due Date: 5-25-98

Sampled By (PRINT): Seth Bomgo

Sample Signature: [signature] Date Sampled: 5/8/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCL METALS	TTHM's	PCB	VOC's	SVOC's	STLC Pb	STLC Cr	REMARKS
1	TH22-1-3	840	S								X	X	1	X	X			
2	TH22-1-5	845																
3	TH22-1-10	850														X		RUSH
4	~~TH22-1-15~~	900																Archive
5	TH23-1-5	920									X	X		X	X			
6	TH23-1-3	925																
7	TH23-1-5	930														X		
8	TH23-1-10	935	✓															RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] PSI	5/8/98	1700	FEDEX	5/8/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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423336

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss
Address: 1320 W. Winton, Hayward CA	Bill To: ←
Phone: (510) 785-11	P.O. # / Billing Reference: 575-8601
Sampled By (PRINT):	Project Name / No.: West Approach
Sampler Signature:	Date Sampled:

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week ☐ 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 5-25-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	* CCR METALS	TRPH-5	VOCs	SVOCs	PCB	STLC Pb	STLC Cr	REMARKS
1	~~TH23-1-5~~	940	S								X	X	X	X		⊗		Archive
2	TH 24-1-5	1000													X	⊗		
3	TH 24-1-3	1005														⊗		RUSH
4	TH 24-1-5	1010														⊗		
5	TH 24-1-10	1020																
6	~~TH 24-1-15~~	1025																Archive
7	TH 25-1-5	1105									X	X	X	X		⊗		
8	TH 25-1-3	1110	↓								X	X	X	X				RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible]			Hunglam/Pace	5-9-98	1300

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: DSE	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 Winton Hayward, CA	Bill To: ←		Pace Project Manager
Phone: (510) 785-1414	P.O. # / Billing Reference: 86001		Pace Project No.
Sampled By (PRINT):	Project Name / No.: West App		*Requested Due Date: 5-25-98

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	VOCs	8 VOCs	PCBs	BTEX	REMARKS
1	~~TH25-1-5~~	1112	S								X	X	X	X			Archive
2	~~TH25-1-10~~	1120	↓								↓	↓	↓	↓			↓
3	~~TH25-1-15~~	1125	↓								↓	↓	↓	↓			
4	T20-2-5	1300	↓								X	X	X				
5	T20-2-3	1305	↓								↓	↓	↓				RUSH
6	~~T20-2-5~~	1310	↓								↓	↓	↓				Archive
7	T21-3-5	1315	↓								X	X	X	X	X	NO	RUSH
8	~~T21-3-3~~	1320	↓								X	X	X	X	X	NO	~~RUSH~~ Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	B / PSI	5/6/98	1700	FEDEX	5/6/98	1700

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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423335

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Pecs	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: Hayward	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone	Project Name / No.		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature] Date Sampled: 5/8/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (+HCL)	NaOH	ANALYSES REQUEST: CLP Metals / TPH-5 / 8260 / 8270 / PCB / BTEX	REMARKS
1	~~T24-5~~ T224-5	~~1830~~	S								X X X

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980512-03
PACE ANALYTICAL WO #: 13202A
Client ID #: 575-8G001

Date: 6/10/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/11/98 and received on 05/12/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
BTEX (Soil)	2-3
CCR Metals (Soil)	4-9
TPH-Speciation (Soil)	10-11
List of Abbreviations and Definitions	12

In addition the analyses for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel. 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980512-03
PACE ANALYTICAL WO#:13202A
Client ID#:575-8G001

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	T14-3-S	T14-3-3	T14-1-S	T14-1-3	T18-1-S	T18-1-3	T18-1-5	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/13/98	05/13/98	05/13/98	05/13/98	05/13/98	05/13/98	05/13/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:	
a,a,a-Trifluorotoluene	100	97	98	98	94	97	94	59-134

Client ID:	T18-1-10	T19-1-S	T20-1-S	T20-1-5	T15-2-S	T15-2-3	Method Blank	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/13/98	05/13/98	05/13/98	05/13/98	05/13/98	05/13/98	05/13/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:	
a,a,a-Trifluorotoluene	96	88	90	90	93	91	92	59-134

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/13/98		05/13/98	05/13/98			
Analyte							
Benzene	95	74-116	97	93	72-115	4.2	0-26
Toluene	100	73-116	99	95	70-114	4.1	0-22
Ethylbenzene	102	75-118	103	97	68-119	6.0	0-24
Total Xylenes	103	78-120	103	99	74-117	4.0	0-22

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Pace Analytical

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T14-2-S	T14-2-3	T14-3-S	T14-3-3	T14-1-S	T14-1-3	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	8.6	5.7	6.2	6.2	7.7	<5.0	5.0	6010
Barium (Ba)	130	52	150	120	120	58	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.8	<0.5	0.7	1.0	<0.5	<0.5	0.5	6010
Chromium (Cr)	55	38	46	49	41	23	0.5	6010
Cobalt (Co)	7.3	5.9	6.9	10	11	6.0	1.0	6010
Copper (Cu)	36	11	28	26	8.7	3.0	2.5	6010
Lead (Pb)	180	5.8	130	36	17	3.3	1.0	6010
Mercury (Hg)*	0.86	0.08	0.05	0.11	<0.01	0.07	0.01	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	33	18	32	45	38	19	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	6.1	6.1	<5.0	5.0	6010
Vanadium (V)	39	46	36	46	39	27	0.5	6010
Zinc (Zn)	210	34	170	160	44	15	10	6010
DF	1	1	1	1	1	1		

* Analysis performed at Advanced Technology Laboratories.

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Pace Analytical

PACE ANALYTICAL Project#:980512-03
PACE ANALYTICAL WO#:13202A
Client ID#:575-8G001

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T17-1-S	T17-1-3	T18-1-S	T18-1-3	T18-1-5	T18-1-10	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.1	11	7.5	7.3	6.7	6.3	5.0	6010
Barium (Ba)	96	64	66	100	130	150	10	6010
Beryllium (Be)	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	1.0	<0.5	0.6	<0.5	<0.5	0.5	6010
Chromium (Cr)	38	26	37	35	39	47	0.5	6010
Cobalt (Co)	7.7	10	6.6	7.4	11	7.2	1.0	6010
Copper (Cu)	18	14	15	190	18	11	2.5	6010
Lead (Pb)	67	8.3	7.6	250	170	6.6	1.0	6010
Mercury (Hg)*	0.11	0.10	0.37	0.25	0.04	0.07	0.01	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	24	26	32	22	26	42	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	6.8	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	31	43	35	34	31	32	0.5	6010
Zinc (Zn)	180	40	35	190	82	28	10	6010
DF	1	1	1	1	1	1		

* Analysis performed at Advanced Technology Laboratories

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Pace Analytical

PACE ANALYTICAL Project#:960512-03
PACE ANALYTICAL WO#:13202A
Client ID#:575-8G001

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T19-2-S	T19-2-3	T19-1-S	T20-1-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	6.9	9.4	8.9	<5.0	<5.0	5.0	6010
Barium (Ba)	170	75	150	110	<10	10	6010
Beryllium (Be)	0.5	0.6	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.6	<0.5	<0.5	0.5	6010
Chromium (Cr)	21	19	27	23	<0.5	0.5	6010
Cobalt (Co)	10	8.8	6.9	6.7	<1.0	1.0	6010
Copper (Cu)	24	20	24	22	<2.5	2.5	6010
Lead (Pb)	25	8.4	86	33	<1.0	1.0	6010
Mercury (Hg)*	0.04	0.05	0.09	<0.01	<0.01	0.01	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	30	32	26	23	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	5.2	5.8	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	20	23	21	20	<0.5	0.5	6010
Zinc (Zn)	60	55	77	51	<10	10	6010
DF	1	1	1	1	1		

* Analysis performed at Advanced Technology Laboratories.

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Pace Analytical

PACE ANALYTICAL Project#:980512-03
PACE ANALYTICAL WO#:13202A
Client ID#:575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		05/20/98		05/20/98	05/20/98			
Analyte	EPA Method							
Antimony (Sb)	6010	84	70-130	39**	37**	60-130	5.3	0-25
Arsenic (As)	6010	86	78-104	70	66	34-135	5.9	0-15
Barium (Ba)	6010	90	81-117	81	82	55-130	1.2	0-25
Beryllium (Be)	6010	85	70-130	79	76	70-130	3.9	0-25
Cadmium (Cd)	6010	82	75-104	74	74	73-115	0.0	0-15
Chromium (Cr)	6010	86	81-103	76	77	62-125	1.3	0-15
Cobalt (Co)	6010	85	70-130	73	70	70-130	4.2	0-25
Copper (Cu)	6010	85	70-130	86	89	70-140	3.4	0-25
Lead (Pb)	6010	80	78-104	68	66	48-120	3.0	0-30
Mercury (Hg)*	7471	100	76-121	110	104	70-135	4.0	0-30
Molybdenum (Mo)	6010	87	70-130	72	65	70-130	10	0-25
Nickel (Ni)	6010	84	70-130	73	72	70-130	1.4	0-25
Selenium (Se)	6010	87	79-102	74	70	42-120	5.6	0-16
Silver (Ag)	6010	105	77-107	77	76	53-115	1.3	0-19
Thallium (Tl)	6010	86	70-130	75	71	70-130	5.5	0-25
Vanadium (V)	6010	87	70-130	82	81	70-130	1.2	0-25
Zinc (Zn)	6010	82	70-130	68*	69*	70-130	1.5	0-25

**Sample matrix effect

* Analysis performed at Advanced Technology Laboratories.

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Pace Analytical

PACE ANALYTICAL Project#:980512-03
PACE ANALYTICAL WO#:13202A
Client ID#:575-SG001

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T20-1-5	T15-2-S	T15-2-3	T15-3-S	T15-3-3	T15-3-5	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98		
Analyte									
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	10	5.9	6.7	7.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	450	97	73	230	160	71	<10	10	6010
Beryllium (Be)	0.8	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	26	41	62	23	61	74	<0.5	0.5	6010
Cobalt (Co)	12	9.8	8.5	13	50	8.5	<1.0	1.0	6010
Copper (Cu)	37	15	7.9	39	7.8	6.1	<2.5	2.5	6010
Lead (Pb)	13	8.4	2.4	49	3.3	3.3	<1.0	1.0	6010
Mercury (Hg)*	0.11	0.04	3.1	0.37	<0.01	3.8	<0.01	0.01	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	39	34	39	31	64	31	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.1	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	30	35	45	23	40	44	<0.5	0.5	6010
Zinc (Zn)	82	39	24	67	34	26	<10	10	6010
DF	1	1	1	1	1	1	1		

* Analysis performed at Advanced Technology Laboratories, except T15-2-3 and T15-3-S, which were analyzed at Paco on 6/9/98.

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PACE ANALYTICAL Project#:980512-03
PACE ANALYTICAL WO#:13202A
Client ID#:575-8GD01

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/21/98		05/21/98	05/21/98			
Analyte	EPA Method							
Antimony (Sb)	6010	86	70-130	58*	43*	60-130	30	0-25
Arsenic (As)	6010	86	78-104	84	85	34-135	1.2	0-15
Barium (Ba)	6010	96	81-117	89	94	55-130	5.5	0-25
Beryllium (Be)	6010	88	70-130	84	84	70-130	0.0	0-25
Cadmium (Cd)	6010	84	75-104	79	80	73-115	1.3	0-15
Chromium (Cr)	6010	90	81-103	81	91	62-125	12	0-16
Cobalt (Co)	6010	88	70-130	84	82	70-130	2.4	0-25
Copper (Cu)	6010	90	70-130	84	87	70-140	3.5	0-25
Lead (Pb)	6010	86	76-104	74	75	48-120	1.3	0-30
Mercury (Hg)*	7471	100	76-121	110	104	70-135	4.0	0-30
Molybdenum (Mo)	6010	91	70-130	80	80	70-130	0.0	0-25
Nickel (Ni)	6010	87	70-130	89	98	70-130	9.6	0-25
Selenium (Se)	6010	87	79-102	76	75	42-120	1.3	0-16
Silver (Ag)	6010	108	77-107	78	78	53-115	0.0	0-19
Thallium (Tl)	6010	87	70-130	83	84	70-130	1.2	0-25
Vanadium (V)	6010	91	70-130	67*	78	70-130	15	0-25
Zinc (Zn)	6010	88	70-130	74	77	70-130	4.0	0-25

* Analysis performed at Advanced Technology Laboratories.

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3970 Gilman St.
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Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/19/98		05/19/98	05/19/98			
TPH-Speciation	102	80-120	111	94	70-130	17	0-30

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

May 22, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021650
Client Project ID: 980512-03

Dear :

Enclosed are the results of analyses for sample(s) received on May 13, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021650
Client Project ID: 980512-03

Attn: PROJECT MANAGER
Phone: (562)498-9515

Pace Sample No.: 601873854 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14-2-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/18/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/18/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/18/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/18/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/18/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/18/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	33		05/18/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	131	%			05/18/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	125	%			05/18/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873862 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14-3-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	19.02	05/19/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	12.86	05/19/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	9.45	05/19/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	19.93	05/19/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	7.24	05/19/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	12.01	05/19/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	24.09	05/19/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	5.37	05/19/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.1	05/19/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	5.02	05/19/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	8.06	05/19/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	8.12	05/19/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	8.78	05/19/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	16.63	05/19/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	330	7.5	05/19/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	8.75	05/19/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	8.99	05/19/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	240.53	05/19/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	7.57	05/19/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	45.72	05/19/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	7.12	05/19/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	8.73	05/19/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	660	8.27	05/19/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	7.84	05/19/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	7.5	05/19/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	5.25	05/19/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	8.99	05/19/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	330	7.35	05/19/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	330	8.62	05/19/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	330	5.86	05/19/98	WAW	120-12-7		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873862 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14-3-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	330	7.61	05/19/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	6.37	05/19/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	7.69	05/19/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	5.76	05/19/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	4.58	05/19/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	6.6	05/19/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	12.94	05/19/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	9.21	05/19/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	21.24	05/19/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	9.95	05/19/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	3.99	05/19/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	9.59	05/19/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	330	9.54	05/19/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	15.8	05/19/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	7.89	05/19/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	7.73	05/19/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	330	9.42	05/19/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	330	6.39	05/19/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	7.7	05/19/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	330	7.89	05/19/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	330	7.63	05/19/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	9.04	05/19/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	13.96	05/19/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	9.83	05/19/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	330	14.85	05/19/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	6.09	05/19/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	330	25.22	05/19/98	WAW	78-59-1		U
N Nitroso-di-n-propylamine	ND	ug/kg	330	9.37	05/19/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	3.62	05/19/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	330	9.45	05/19/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	330	17.6	05/19/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	8.88	05/19/98	WAW	87-86-5		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873862 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14-3-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	330	6.84	05/19/98	WAW	85-01-8		U
Phenol	ND	ug/kg	330	9.31	05/19/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	330	4.86	05/19/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	112	%			05/19/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	97	%			05/19/98	WAW	321-60-8		
2-Fluorophenol (S)	83	%			05/19/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	85	%			05/19/98	WAW	4165-60-0		
Phenol-d6 (S)	79	%			05/19/98	WAW	13127-88-3		
Terphenyl-d14 (S)	89	%			05/19/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873870 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14-1-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	320	16.639	05/19/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	320	12.602	05/19/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	320	9.261	05/19/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	320	19.531	05/19/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	320	7.0952	05/19/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	320	11.769	05/19/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	320	23.608	05/19/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	320	5.2626	05/19/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.178	05/19/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	320	5.5076	05/19/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	320	8.4868	05/19/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	320	7.9576	05/19/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	320	8.6044	05/19/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	320	16.297	05/19/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	320	7.35	05/19/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	8.576	05/19/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	320	8.8102	05/19/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	650	235.71	05/19/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	7.4186	05/19/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	44.805	05/19/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	320	6.9776	05/19/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	650	8.5554	05/19/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	650	8.1046	05/19/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	320	7.6832	05/19/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	320	7.35	05/19/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	5.145	05/19/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	8.8102	05/19/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	320	7.203	05/19/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	320	8.4476	05/19/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	320	6.7228	05/19/98	WAW	120-12-7		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873870 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14-1-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Benzo(a)anthracene	ND	ug/kg	320	7.4578	05/19/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	320	6.2426	05/19/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	320	7.5362	05/19/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	320	5.6448	05/19/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	320	4.4884	05/19/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	6.468	05/19/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	650	12.681	05/19/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	320	9.0258	05/19/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	320	20.815	05/19/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	320	9.751	05/19/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	320	3.9102	05/19/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	320	9.3982	05/19/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	320	9.3492	05/19/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	320	15.484	05/19/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	320	7.7322	05/19/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	320	7.5754	05/19/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	320	9.2316	05/19/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	320	6.2622	05/19/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	320	7.546	05/19/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	320	7.7322	05/19/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	320	7.4774	05/19/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	320	8.8592	05/19/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	320	13.880	05/19/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	320	9.6334	05/19/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	320	14.553	05/19/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	320	5.9682	05/19/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	320	24.715	05/19/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	320	9.1826	05/19/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	320	3.5476	05/19/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	320	9.261	05/19/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	320	17.248	05/19/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	8.7024	05/19/98	WAW	87-86-5		U

Pace Project Number: 5021650
Client Project ID: 980512-03

Pace Sample No.: 601673870 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14-1-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	320	6.7032	05/19/98	WAW	85-01-8		U
Phenol	ND	ug/kg	320	9.1238	05/19/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	320	4.7628	05/19/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	96	%			05/19/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	88	%			05/19/98	WAW	321-60-8		
2-Fluorophenol (S)	81	%			05/19/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	81	%			05/19/98	WAW	4165-60-0		
Phenol-d6 (S)	76	%			05/19/98	WAW	13127-88-3		
Terphenyl-d14 (S)	83	%			05/19/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 6018738B8 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T17-1-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	19.02	05/19/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	12.86	05/19/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	9.45	05/19/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	19.93	05/19/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	7.24	05/19/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	12.01	05/19/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	24.09	05/19/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	5.37	05/19/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.1	05/19/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	5.62	05/19/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	8.66	05/19/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	8.12	05/19/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	8.78	05/19/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	16.63	05/19/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	330	7.5	05/19/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	8.75	05/19/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	8.99	05/19/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	240.53	05/19/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	7.57	05/19/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	45.72	05/19/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	7.12	05/19/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	8.73	05/19/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	660	8.27	05/19/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	7.84	05/19/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	7.5	05/19/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	5.25	05/19/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	8.99	05/19/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	330	7.35	05/19/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	330	8.02	05/19/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	330	6.86	05/19/98	WAW	120-12-7		U

Pace Project Number. 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873868 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T17-1-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	330	7.61	05/19/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	6.37	05/19/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	7.69	05/19/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	5.76	05/19/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	4.58	05/19/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	6.6	05/19/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	12.94	05/19/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	9.21	05/19/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	21.24	05/19/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	9.95	05/19/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	3.99	05/19/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	9.59	05/19/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	330	9.54	05/19/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	15.8	05/19/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	7.89	05/19/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	7.73	05/19/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	330	9.42	05/19/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	330	6.39	05/19/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	7.7	05/19/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	330	7.89	05/19/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	330	7.63	05/19/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	9.04	05/19/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	13.96	05/19/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	9.83	05/19/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	330	14.85	05/19/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	6.09	05/19/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	330	25.22	05/19/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	9.37	05/19/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	3.62	05/19/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	330	9.45	05/19/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	330	17.6	05/19/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	8.88	05/19/98	WAW	87-86-5		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873888 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T17-1-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	330	6.84	05/19/98	WAW	85-01-8		U
Phenol	ND	ug/kg	330	9.31	05/19/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	330	4.86	05/19/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	117	%			05/19/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	94	%			05/19/98	WAW	321-60-8		
2-Fluorophenol (S)	86	%			05/19/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	88	%			05/19/98	WAW	4165-60-0		
Phenol-d6 (S)	81	%			05/19/98	WAW	13127-88-3		
Terphenyl-d14 (S)	89	%			05/19/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873938 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T17-1-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	1600	95.1	05/19/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	1600	64.3	05/19/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	1600	47.25	05/19/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	1600	99.65	05/19/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	1600	36.2	05/19/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	1600	60.05	05/19/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	1600	120.45	05/19/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	1600	26.85	05/19/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	8000	230.5	05/19/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	1600	28.1	05/19/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	1600	43.3	05/19/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	1600	40.6	05/19/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	1600	43.9	05/19/98	WAW	95-57-8		U
2 Methylnaphthalene	ND	ug/kg	1600	83.15	05/19/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	1600	37.5	05/19/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	8000	43.75	05/19/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	1600	44.95	05/19/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	3300	1202.6	05/19/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	8000	37.85	05/19/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	8000	228.6	05/19/98	WAW	534-52-1		U
4 Bromophenyl-phenylether	ND	ug/kg	1600	35.6	05/19/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	3300	43.65	05/19/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	3300	41.35	05/19/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	1600	39.2	05/19/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	1600	37.5	05/19/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	8000	26.25	05/19/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	8000	44.95	05/19/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	1600	36.75	05/19/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	1600	43.1	05/19/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	1600	34.3	05/19/98	WAW	120-12-7		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873938 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T17-1-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	1600	38.05	05/19/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	1600	31.85	05/19/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	1600	38.45	05/19/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	1600	28.8	05/19/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	1600	22.9	05/19/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	8000	33	05/19/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	3300	64.7	05/19/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	1600	46.05	05/19/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	1600	106.2	05/19/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	1600	49.75	05/19/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	1600	19.95	05/19/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	1600	47.95	05/19/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	1600	47.7	05/19/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	1600	79	05/19/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	1600	39.45	05/19/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	1600	38.65	05/19/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	1600	47.1	05/19/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	1600	31.95	05/19/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	1600	38.5	05/19/98	WAW	131-11-3		U
Fluoranthene	2300	ug/kg	1600	39.45	05/19/98	WAW	206-44-0		
Fluorene	ND	ug/kg	1600	38.15	05/19/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	1600	45.2	05/19/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	1600	69.8	05/19/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	1600	49.15	05/19/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	1600	74.25	05/19/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	1600	30.45	05/19/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	1600	125.1	05/19/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	1600	46.85	05/19/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	1600	18.1	05/19/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	1600	47.25	05/19/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	1600	88	05/19/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	8000	44.4	05/19/98	WAW	87-86-5		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873938 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T17-1-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	3100	ug/kg	1600	34.2	05/19/98	WAW	85-01-8		
Phenol	ND	ug/kg	1600	46.55	05/19/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	1600	24.3	05/19/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	126	%			05/19/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	106	%			05/19/98	WAW	321-60-8		
2-Fluorophenol (S)	109	%			05/19/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	97	%			05/19/98	WAW	4165-60-0		
Phenol-d6 (S)	103	%			05/19/98	WAW	13127-88-3		
Terphenyl-d14 (S)	93	%			05/19/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	5400								

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873946 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T18-1-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/18/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/18/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/18/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/18/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/18/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/18/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	33		05/18/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	130	%			05/18/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	144	%			05/18/98	AFT	877-09-8	1	
Date Extracted	05/14/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873946 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T18-1-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	18.829	05/19/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	12.731	05/19/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	9.3555	05/19/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	19.730	05/19/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	7.1676	05/19/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	11.889	05/19/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	23.849	05/19/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	5.3163	05/19/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.639	05/19/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	5.5638	05/19/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	8.5734	05/19/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	8.0388	05/19/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	8.6922	05/19/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	16.463	05/19/98	WAW	91-57-6		U
2 Methylphenol	ND	ug/kg	330	7.425	05/19/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	8.8625	05/19/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	8.9001	05/19/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	650	238.12	05/19/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	7.4943	05/19/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	45.262	05/19/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	7.0488	05/19/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	650	8.6427	05/19/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	650	8.1873	05/19/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	7.7616	05/19/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	7.425	05/19/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	5.1975	05/19/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	8.9001	05/19/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	330	7.2765	05/19/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	330	8.5338	05/19/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	330	6.7914	05/19/98	WAW	120-12-7		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873946
Client Sample ID: T18-1-S
Date Collected: 05/11/98
Date Received: 05/13/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	330	7.5339	05/19/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	6.3063	05/19/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	7.6131	05/19/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	5.7024	05/19/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	4.5342	05/19/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	6.534	05/19/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	12.810	05/19/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	9.1179	05/19/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	21.027	05/19/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	9.8505	05/19/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	3.9501	05/19/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	9.4941	05/19/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	330	9.4446	05/19/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	15.642	05/19/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	7.8111	05/19/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	7.6527	05/19/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	330	9.3258	05/19/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	330	6.3261	05/19/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	7.823	05/19/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	330	7.8111	05/19/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	330	7.5537	05/19/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	8.9496	05/19/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	13.820	05/19/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	9.7317	05/19/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	330	14.701	05/19/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	6.0291	05/19/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	330	24.967	05/19/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	9.2763	05/19/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	3.5838	05/19/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	330	9.3555	05/19/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	330	17.424	05/19/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	8.7912	05/19/98	WAW	87-86-5		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873946 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T18-1-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	330	5.7716	05/19/98	WAW	85-01-8		U
Phenol	ND	ug/kg	330	9.2169	05/19/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	330	4.8114	05/19/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	119	%			05/19/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	87	%			05/19/98	WAW	321-60-8		
2-Fluorophenol (S)	76	%			05/19/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	77	%			05/19/98	WAW	4165-60-0		
Phenol-d6 (S)	71	%			05/19/98	WAW	13127-88-3		
Terphenyl-d14 (S)	91	%			05/19/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 6018773953 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T18-1-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/15/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/15/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/15/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/15/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/15/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/15/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	33		05/15/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	98	%			05/15/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	101	%			05/15/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	**ND**								

Pace Project Number: 6021060
Client Project ID: 980512-03

Pace Sample No.: 601873953 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T18-1-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	19.02	05/20/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	12.86	05/20/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	9.45	05/20/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	19.93	05/20/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	7.24	05/20/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	12.01	05/20/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	24.09	05/20/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	5.37	05/20/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.1	05/20/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	5.62	05/20/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	8.66	05/20/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	8.12	05/20/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	8.78	05/20/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	16.63	05/20/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	330	7.5	05/20/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	8.75	05/20/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	8.99	05/20/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	240.53	05/20/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	7.57	05/20/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	45.72	05/20/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	7.12	05/20/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	8.73	05/20/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	660	8.27	05/20/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	7.84	05/20/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	7.5	05/20/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	5.25	05/20/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	8.99	05/20/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	330	7.35	05/20/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	330	8.62	05/20/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	330	5.86	05/20/98	WAW	120-12-7		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873953 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T18-1-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	330	7.61	05/20/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	6.37	05/20/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	7.69	05/20/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	5.76	05/20/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	4.58	05/20/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	6.6	05/20/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	12.94	05/20/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	9.21	05/20/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	21.24	05/20/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	9.95	05/20/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	3.99	05/20/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	9.59	05/20/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	330	9.54	05/20/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	15.8	05/20/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	7.89	05/20/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	7.73	05/20/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	330	9.42	05/20/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	330	6.39	05/20/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	7.7	05/20/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	330	7.89	05/20/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	330	7.63	05/20/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	9.04	05/20/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	13.96	05/20/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	9.83	05/20/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	330	14.85	05/20/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	6.09	05/20/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	330	25.22	05/20/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	9.37	05/20/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	3.82	05/20/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	330	9.45	05/20/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	330	17.6	05/20/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	8.88	05/20/98	WAW	87-86-5		U

Pace Project Number: 6021650
Client Project ID: 980612-03

Pace Sample No.: 601873953 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T18-1-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	330	6.84	05/20/98	WAW	85-01-8		U
Phenol	ND	ug/kg	330	9.31	05/20/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	330	4.86	05/20/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	93	%			05/20/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	84	%			05/20/98	WAW	321-60-8		
2-Fluorophenol (S)	78	%			05/20/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	80	%			05/20/98	WAW	4165-60-0		
Phenol-d6 (S)	73	%			05/20/98	WAW	13127-88-3		
Terphenyl-d14 (S)	74	%			05/20/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873961 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T18-1-5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/18/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/18/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/18/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/18/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/18/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/18/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	33		05/18/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	90	%			05/18/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	97	%			05/18/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021660
Client Project ID: 980512-03

Pace Sample No.: 601873981 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T18-1-5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	940	54.397	05/18/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	940	36.779	05/18/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	940	27.027	05/18/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	940	56.999	05/18/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	940	20.706	05/18/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	940	34.348	05/18/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	940	68.897	05/18/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	940	15.358	05/18/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	4600	131.84	05/18/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	940	16.073	05/18/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	940	24.767	05/18/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	940	23.223	05/18/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	940	25.110	05/18/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	940	47.561	05/18/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	940	21.45	05/18/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	4600	25.025	05/18/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	940	25.711	05/18/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1900	687.91	05/18/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	4600	21.650	05/18/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	4600	130.75	05/18/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	940	20.363	05/18/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1900	24.967	05/18/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1900	23.652	05/18/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	940	22.422	05/18/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	940	21.45	05/18/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	4600	15.015	05/18/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	4600	25.711	05/18/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	940	21.021	05/18/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	940	24.653	05/18/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	940	19.619	05/18/98	WAW	120-12-7		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873961 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T18-1-5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Benzo(a)anthracene	ND	ug/kg	940	21.764	05/18/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	940	18.218	05/18/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	940	21.993	05/18/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	940	16.473	05/18/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	940	13.098	05/18/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	4600	18.876	05/18/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1900	37.008	05/18/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	940	26.340	05/18/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	940	60.746	05/18/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	940	28.457	05/18/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	940	11.411	05/18/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	940	27.427	05/18/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	940	27.284	05/18/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	940	45.188	05/18/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	940	22.565	05/18/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	940	22.107	05/18/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	940	26.941	05/18/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	940	18.276	05/18/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	940	22.022	05/18/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	940	22.565	05/18/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	940	21.821	05/18/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	940	25.854	05/18/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	940	39.925	05/18/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	940	28.113	05/18/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	940	42.471	05/18/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	940	17.417	05/18/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	940	72.129	05/18/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	940	26.798	05/18/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	940	10.353	05/18/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	940	27.027	05/18/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	940	50.336	05/18/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	4600	25.396	05/18/98	WAW	87-86-5		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873961 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T18-1-5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	940	19.56Z	05/18/98	WAW	85-01-8		U
Phenol	ND	ug/kg	940	26.6Z6	05/18/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	940	13.899	05/18/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	94	%			05/18/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	96	%			05/18/98	WAW	321-60-8		
2-Fluorophenol (S)	88	%			05/18/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	91	%			05/18/98	WAW	4165-60-0		
Phenol-d6 (S)	83	%			05/18/98	WAW	13127-88-3		
Terphenyl-d14 (S)	88	%			05/18/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873979 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T18-1-10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/18/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/18/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/18/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/18/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/18/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/18/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	33		05/18/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	84	%			05/18/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	90	%			05/18/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873979 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T18-1-10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	19.02	05/18/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	12.86	05/18/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	9.45	05/18/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	19.93	05/18/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	7.24	05/18/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	12.01	05/18/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	24.09	05/18/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	5.37	05/18/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.1	05/18/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	5.62	05/18/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	8.66	05/18/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	8.12	05/18/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	8.76	05/18/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	16.63	05/18/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	330	7.5	05/18/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	8.75	05/18/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	8.99	05/18/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	240.53	05/18/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	7.57	05/18/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	45.72	05/18/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	7.12	05/18/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	8.73	05/18/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	660	8.27	05/18/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	7.84	05/18/98	WAW	7005-72-3		U
4 Methylphenol	ND	ug/kg	330	7.5	05/18/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	5.25	05/18/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	8.99	05/18/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	330	7.36	05/18/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	330	9.62	05/18/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	330	6.86	05/18/98	WAW	120-12-7		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873979 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T18-1-10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	330	7.61	05/18/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	6.37	05/18/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	7.69	05/18/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	5.76	05/18/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	4.58	05/18/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	6.6	05/18/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	12.94	05/18/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	9.21	05/18/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	21.24	05/18/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	9.95	05/18/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	3.99	05/18/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	9.59	05/18/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	330	9.54	05/18/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	15.9	05/18/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	7.89	05/18/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	7.73	05/18/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	330	9.42	05/18/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	330	6.39	05/18/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	7.7	05/18/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	330	7.89	05/18/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	330	7.63	05/18/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	9.04	05/18/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	13.96	05/18/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	9.83	05/18/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	330	14.85	05/18/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	6.09	05/18/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	330	25.22	05/18/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	9.37	05/18/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	3.62	05/18/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	330	9.45	05/18/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	330	17.6	05/18/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	8.88	05/18/98	WAW	87-86-5		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873979 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T18-1-10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	330	6.84	05/18/98	WAW	85-01-8		U
Phenol	ND	ug/kg	330	9.31	05/18/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	330	4.86	05/18/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	89	%			05/18/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	80	%			05/18/98	WAW	321-60-8		
2-Fluorophenol (S)	77	%			05/18/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	76	%			05/18/98	WAW	4165-60-0		
Phenol-d6 (S)	70	%			05/18/98	WAW	13127-88-3		
Terphenyl-d14 (S)	89	%			05/18/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873987 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T20-1-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/18/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/18/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/18/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/18/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/18/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/18/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	33		05/18/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	92	%			05/18/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	97	%			05/18/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873987 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T20-1-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	19.02	05/20/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	12.86	05/20/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	9.45	05/20/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	19.93	05/20/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	7.24	05/20/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	12.01	05/20/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	24.09	05/20/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	5.37	05/20/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.1	05/20/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	5.62	05/20/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	8.66	05/20/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	8.12	05/20/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	8.78	05/20/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	16.63	05/20/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	330	7.5	05/20/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	8.75	05/20/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	8.99	05/20/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	240.53	05/20/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	7.57	05/20/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	45.72	05/20/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	7.12	05/20/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	8.73	05/20/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	660	8.27	05/20/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	7.84	05/20/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	7.5	05/20/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	5.25	05/20/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	8.99	05/20/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	330	7.36	05/20/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	330	8.62	05/20/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	330	6.86	05/20/98	WAW	120-12-7		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873987 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T20-1-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	330	7.61	05/20/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	6.37	05/20/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	7.69	05/20/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	5.76	05/20/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	4.58	05/20/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	6.6	05/20/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	12.94	05/20/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	9.21	05/20/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	21.24	05/20/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	9.95	05/20/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	3.09	05/20/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	9.59	05/20/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	330	9.54	05/20/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	15.8	05/20/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	7.89	05/20/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	7.73	05/20/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	330	9.42	05/20/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	330	6.39	05/20/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	7.7	05/20/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	330	7.89	05/20/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	330	7.63	05/20/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	9.04	05/20/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	13.96	05/20/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	9.83	05/20/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	330	14.85	05/20/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	6.09	05/20/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	330	26.22	05/20/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	9.37	05/20/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	3.62	05/20/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	330	9.45	05/20/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	330	17.6	05/20/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	8.88	05/20/98	WAW	87-86-5		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873987 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T20-1-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	330	6.84	05/20/98	WAW	85-01-8		U
Phenol	ND	ug/kg	330	9.31	05/20/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	330	4.86	05/20/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	88	%			05/20/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	85	%			05/20/98	WAW	321-60-8		
2-Fluorophenol (S)	78	%			05/20/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	84	%			05/20/98	WAW	4165-60-0		
Phenol-d6 (S)	75	%			05/20/98	WAW	13127-88-3		
Terphenyl-d14 (S)	81	%			05/20/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873995 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15-2-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	19.02	05/21/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	12.86	05/21/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	9.45	05/21/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	19.93	05/21/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	7.24	05/21/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	12.01	05/21/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	24.09	05/21/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	5.37	05/21/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.1	05/21/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	5.62	05/21/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	8.66	05/21/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	8.12	05/21/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	8.78	05/21/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	16.63	05/21/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	330	7.5	05/21/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	8.75	05/21/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	8.99	05/21/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	240.53	05/21/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	7.57	05/21/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	45.72	05/21/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	7.12	05/21/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	8.73	05/21/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	660	8.27	05/21/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	7.84	05/21/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	7.5	05/21/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	5.25	05/21/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	8.99	05/21/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	330	7.35	05/21/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	330	8.62	05/21/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	330	6.86	05/21/98	WAW	120-12-7		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873995 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15-2-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	330	7.61	05/21/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	6.37	05/21/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	7.69	05/21/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	5.76	05/21/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	4.58	05/21/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	6.6	05/21/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	12.94	05/21/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	9.21	05/21/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	21.24	05/21/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	9.95	05/21/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	3.99	05/21/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	9.59	05/21/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	330	9.54	05/21/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	15.8	05/21/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	7.89	05/21/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	7.73	05/21/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	330	9.42	05/21/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	330	6.39	05/21/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	7.7	05/21/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	330	7.89	05/21/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	330	7.63	05/21/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	9.04	05/21/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	13.96	05/21/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	9.83	05/21/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	330	14.85	05/21/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	6.09	05/21/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	330	25.22	05/21/98	WAW	78-59-1		U
N-Nitroso di-n propylamine	ND	ug/kg	330	9.37	05/21/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	3.62	05/21/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	330	9.45	05/21/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	330	17.6	05/21/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	8.88	05/21/98	WAW	87-86-5		U

Pace Project Number: 6021650
Client Project ID: 980512-03

Pace Sample No.: 601873995 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15-2-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	330	6.84	05/21/98	WAW	85-01-8		U
Phenol	ND	ug/kg	330	9.31	05/21/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	330	4.86	05/21/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	103	%			05/21/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	80	%			05/21/98	WAW	321-60-8		
2-Fluorophenol (S)	68	%			05/21/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	70	%			05/21/98	WAW	4165-60-0		
Phenol-d6 (S)	64	%			05/21/98	WAW	13127-88-3		
Terphenyl-d14 (S)	78	%			05/21/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021650
Client Project ID: 980512-03

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Recovery exceeds the upper laboratory control limit.

Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

May 22, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021648
Client Project ID: 980512-03

Dear :

Enclosed are the results of analyses for sample(s) received on May 13, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021648
Client Project ID: 980512-03

Attn: PROJECT MANAGER
Phone: (562)498-9515

Pace Sample No.: 601873714 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14-2-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082					Prep Method: EPA 8082			
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/14/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/14/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/14/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/14/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/14/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/14/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	33		05/14/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	101	%			05/14/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	97	%			05/14/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 0021648
Client Project ID: 980512-03

Pace Sample No.: 001873722 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14-3-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	19.02	05/19/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	12.86	05/19/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	9.46	05/19/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	19.93	05/19/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	7.24	05/19/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	12.01	05/19/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	24.09	05/19/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	5.37	05/19/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.1	05/19/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	5.62	05/19/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	8.66	05/19/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	8.12	05/19/98	WAW	91-58-7		U
2 Chlorophenol	ND	ug/kg	330	8.78	05/19/98	WAW	95-57-8		U
2-Methylnapnthalene	ND	ug/kg	330	16.63	05/19/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	330	7.5	05/19/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	8.75	05/19/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	8.09	05/19/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	240.53	05/19/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	7.57	05/19/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	45.72	05/19/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	7.12	05/19/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	8.73	05/19/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	660	8.27	05/19/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	7.84	05/19/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	7.5	05/19/98	WAW	106-44-5		U
4 Nitroaniline	ND	ug/kg	1600	5.25	05/19/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	8.99	05/19/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	330	7.35	05/19/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	330	8.62	05/19/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	330	6.86	05/19/98	WAW	120-12-7		U

Pace Project Number: 5021648
Client Project ID: 980512-03

Pace Sample No.: 601873722 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14-3-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	330	7.61	05/19/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	6.37	05/19/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	7.69	05/19/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	5.76	05/19/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	4.58	05/19/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	6.6	05/19/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	12.94	05/19/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	9.21	05/19/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	21.24	05/19/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	9.95	05/19/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	3.99	05/19/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	9.59	05/19/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	330	9.54	05/19/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	15.8	05/19/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	7.89	05/19/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	7.73	05/19/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	330	9.42	05/19/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	330	6.39	05/19/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	7.7	05/19/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	330	7.89	05/19/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	330	7.63	05/19/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	9.04	05/19/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	13.96	05/19/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	9.83	05/19/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	330	14.85	05/19/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	6.09	05/19/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	330	25.22	05/19/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	9.37	05/19/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	3.62	05/19/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	330	9.45	05/19/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	330	17.6	05/19/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	8.88	05/19/98	WAW	87-86-5		U

Pace Project Number: 8021648
Client Project ID: 980512-03

Pace Sample No.: 601973722 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14-3-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	330	6.84	05/19/98	WAW	85-01-8		U
Phenol	ND	ug/kg	330	9.31	05/19/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	330	4.86	05/19/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	105	%			05/19/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	93	%			05/19/98	WAW	321-60-8		
2-Fluorophenol (S)	84	%			05/19/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	84	%			05/19/98	WAW	4165-60-0		
Phenol-d6 (S)	80	%			05/19/98	WAW	13127-88-3		
Terphenyl-d14 (S)	89	%			05/19/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021648
Client Project ID: 980512-03

Pace Sample No.: 601873730 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14-1-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	19.02	05/18/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	12.80	05/18/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	9.46	05/18/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	19.93	05/18/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	7.24	05/18/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	12.01	05/18/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	24.09	05/18/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	5.37	05/18/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.1	05/18/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	5.62	05/18/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	8.66	05/18/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	8.12	05/18/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	8.78	05/18/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	16.63	05/18/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	330	7.5	05/18/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	8.75	05/18/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	8.99	05/18/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	240.53	05/18/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	7.57	05/18/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	45.72	05/18/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	7.12	05/18/98	WAW	101 55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	8.73	05/18/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	660	8.27	05/18/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	7.84	05/18/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	7.5	05/18/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	5.25	05/18/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	8.99	05/18/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	330	7.35	05/18/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	330	8.62	05/18/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	330	6.86	05/18/98	WAW	120-12-7		U

Pace Project Number: 6021648
Client Project ID: 980512-03

Pace Sample No.: 501873730 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14-1-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	330	7.61	05/18/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	6.37	05/18/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	7.69	05/18/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	5.76	05/18/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	4.58	05/18/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	6.6	05/18/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	12.94	05/18/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	9.21	05/18/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	21.24	05/18/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	9.95	05/18/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	3.99	05/18/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	9.59	05/18/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	330	9.54	05/18/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	15.8	05/18/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	7.89	05/18/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	7.73	05/18/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	330	9.42	05/18/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	330	6.39	05/18/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	7.7	05/18/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	330	7.89	05/18/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	330	7.63	05/18/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	9.04	05/18/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	13.96	05/18/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	9.83	05/18/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	330	14.65	05/18/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	6.09	05/18/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	330	25.22	05/18/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	9.37	05/18/98	WAW	621-64-7		U
N Nitrosodiphenylamine	ND	ug/kg	330	3.62	05/18/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	330	9.45	05/18/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	330	17.6	05/18/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	8.88	05/18/98	WAW	87-86-5		U

Pace Project Number: 6021648
Client Project ID: 980512-03

Pace Sample No.: 601873730 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14-1-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	330	6.84	05/18/98	WAW	85-01-8		U
Phenol	ND	ug/kg	330	9.31	05/18/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	330	4.86	05/18/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	88	%			05/18/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	88	%			05/18/98	WAW	321-60-8		
2-Fluorophenol (S)	80	%			05/18/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	82	%			05/18/98	WAW	4165-60-0		
Phenol-d6 (S)	77	%			05/18/98	WAW	13127-88-3		
Terphenyl-d14 (S)	80	%			05/18/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021648
Client Project ID: 980512-03

Pace Sample No.: 601873748 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T20-1-5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/14/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/14/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/14/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/14/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/14/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/14/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	33		05/14/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	103	%			05/14/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	102	%			05/14/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021648
Client Project ID: 980512-03

Pace Sample No.: 601873748 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T20-1-5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	18.829	05/18/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	12.731	05/18/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	9.3555	05/18/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	19.730	05/18/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	7.1676	05/18/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	11.869	05/18/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	23.849	05/18/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	5.3163	05/18/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.639	05/18/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	5.5638	05/18/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	8.5734	05/18/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	8.0388	05/18/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	8.6922	05/18/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	16.463	05/18/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	330	7.425	05/18/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	8.6025	05/18/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	9.9001	05/18/98	WAW	88-75-5		U
3,3' Dichlorobenzidine	ND	ug/kg	660	238.12	05/18/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	7.4943	05/18/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	45.262	05/18/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	7.0488	05/18/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	8.6427	05/18/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	660	8.1873	05/18/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	7.7616	05/18/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	7.425	05/18/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	5.1975	05/18/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	8.9001	05/18/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	330	7.2765	05/18/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	330	9.6338	05/18/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	330	6.7914	05/18/98	WAW	120-12-7		U

Pace Project Number: 6021648
Client Project ID: 980512-03

Pace Sample No.: 601873748 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T20-1-5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	330	7.5339	05/18/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	6.3063	05/18/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	7.6131	05/18/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	5.7024	05/18/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	4.5342	05/18/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	6.534	05/18/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	12.810	05/18/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	9.1179	05/18/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	21.027	05/18/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	9.8505	05/18/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	760	ug/kg	330	3.9501	05/18/98	WAW	117-81-7		
Butylbenzylphthalate	ND	ug/kg	330	9.4941	05/18/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	330	9.4446	05/18/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	15.642	05/18/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	7.8111	05/18/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	7.6527	05/18/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	330	9.3258	05/18/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	330	6.3261	05/18/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	7.623	05/18/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	330	7.8111	05/18/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	330	7.5537	05/18/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	8.9496	05/18/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	13.820	05/18/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	9.7317	05/18/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	330	14.701	05/18/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	6.0291	05/18/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	330	24.967	05/18/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	9.2763	05/18/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	3.5838	05/18/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	330	9.3555	05/18/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	330	17.424	05/18/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	8.7912	05/18/98	WAW	87-86-5		U

Pace Project Number: 6021648
Client Project ID: 980512-03

Pace Sample No.: 601873748 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T20-1-5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Phenanthrene	ND	ug/kg	330	0.7716	05/18/98	WAW	85-01-8		U
Phenol	ND	ug/kg	330	9.2169	05/18/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	330	4.8114	05/18/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	92	%			05/18/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	88	%			05/18/98	WAW	321-60-8		
2-Fluorophenol (S)	80	%			05/18/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	83	%			05/18/98	WAW	4165-60-0		
Phenol d6 (S)	78	%			05/18/98	WAW	13127-88-3		
Terphenyl-d14 (S)	86	%			05/18/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	760								

Pace Project Number: 6021648
Client Project ID: 980512-03

Pace Sample No.: 601873756 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15-2-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/14/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/14/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/14/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/14/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/14/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/14/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	33		05/14/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	113	%			05/14/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	105	%			05/14/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	**ND**								

Pace Project Number: 6021648
Client Project ID: 980512-03

Pace Sample No.: 601873755 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15-2-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	490	27.959	05/18/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	490	18.904	05/18/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	490	13.891	05/18/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	490	29.297	05/18/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	490	10.642	05/18/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	490	17.654	05/18/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	490	35.412	05/18/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	490	7.8939	05/18/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	2400	67.767	05/18/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	490	8.2614	05/18/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	490	12.730	05/18/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	490	11.936	05/18/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	490	12.908	05/18/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	490	24.446	05/18/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	490	11.025	05/18/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	2400	12.862	05/18/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	490	13.215	05/18/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	970	353.57	05/18/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	2400	11.127	05/18/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	2400	67.208	05/18/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	490	10.466	05/18/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	970	12.933	05/18/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	970	12.156	05/18/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	490	11.524	05/18/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	490	11.025	05/18/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	2400	7.7175	05/18/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	2400	13.215	05/18/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	490	10.804	05/18/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	490	12.671	05/18/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	490	10.084	05/18/98	WAW	120-12-7		U

Pace Project Number: 6021648
Client Project ID: 980512-03

Pace Sample No.: 601873755 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15-2-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	490	11.186	05/18/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	490	9.3639	05/18/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	490	11.304	05/18/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	490	8.4672	05/18/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	490	6.7326	05/18/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	2400	9.702	05/18/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	970	19.021	05/18/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	490	13.538	05/18/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	490	31.222	05/18/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	490	14.626	05/18/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	490	5.8653	05/18/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	490	14.097	05/18/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	490	14.023	05/18/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	490	23.226	05/18/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	490	11.598	05/18/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	490	11.363	05/18/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	490	13.847	05/18/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	490	9.3933	05/18/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	490	11.319	05/18/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	490	11.598	05/18/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	490	11.216	05/18/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	490	13.288	05/18/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	490	20.521	05/18/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	490	14.450	05/18/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	490	21.829	05/18/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	490	8.9523	05/18/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	490	37.073	05/18/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	490	13.773	05/18/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	490	5.3214	05/18/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	490	13.891	05/18/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	490	25.872	05/18/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	2400	13.053	05/18/98	WAW	87-86-5		U

Pace Project Number: 6021648
Client Project ID: 980512-03

Pace Sample No.: 601873755 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15-2-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	490	10.054	05/18/98	WAW	85-01-8		U
Phenol	ND	ug/kg	490	13.685	05/18/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	490	7.1442	05/18/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	94	%			05/18/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	89	%			05/18/98	WAW	321-60-8		
2-Fluorophenol (S)	77	%			05/18/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	81	%			05/18/98	WAW	4165-60-0		
Phenol-d6 (S)	74	%			05/18/98	WAW	13127-88-3		
Terphenyl-d14 (S)	91	%			05/18/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021648
Client Project ID: 980512-03

Pace Sample No.: 601875362 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T19-1-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/21/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/21/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/21/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/21/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/21/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/21/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/21/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/21/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/21/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/21/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/21/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/21/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/21/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/21/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/21/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/21/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/21/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/21/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/21/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/21/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/21/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/21/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/21/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/21/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/21/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/21/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/21/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/21/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/21/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/21/98	WAW	120-12-7		U

Pace Project Number: 6021648
Client Project ID: 980512-03

Pace Sample No.: 801875362 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T19-1-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/21/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/21/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/21/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/21/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/21/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/21/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/21/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/21/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/21/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/21/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/21/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/21/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/21/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/21/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/21/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/21/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/21/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/21/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/21/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/21/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/21/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/21/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/21/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/21/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.561	05/21/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/21/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/21/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/21/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/21/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	19.805	05/21/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/21/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/21/98	WAW	87-86-5		U

Pace Project Number: 6021648
Client Project ID: 980512-03

Pace Sample No.: 601875362 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T19-1-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/21/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/21/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/21/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	54	%			05/21/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	71	%			05/21/98	WAW	321-60-8		
2-Fluorophenol (S)	71	%			05/21/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	63	%			05/21/98	WAW	4165-60-0		
Phenol-d6 (S)	63	%			05/21/98	WAW	13127-88-3		
Terphenyl-d14 (S)	71	%			05/21/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			

Total EPA 8270 ND

Pace Project Number: 6021648
Client Project ID: 980512-03

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected

Pace Analytical

Pace Analytical Services, Inc.
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May 21, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107350
Client Project ID: 980512-03

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on May 13, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

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Pace Analytical

Pace Project Number: 107350
Client Project ID: 980512-03

Pace Sample No.: 10634707 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14 2 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/14/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/14/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/14/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/14/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/14/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/14/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/14/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/14/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/14/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/14/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/14/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/14/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/14/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/14/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/14/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/14/98	SAC	594-20-7		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/14/98	SAC	110-75-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107350
Client Project ID: 980512-03

Pace Sample No.: 10634707 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14 2 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chlorotoluene	ND	ug/kg	5	*	05/14/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/14/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/14/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/14/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/14/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/14/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/14/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/14/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/14/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/14/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/14/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/14/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/14/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/14/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/14/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/14/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/14/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/14/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/14/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/14/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/14/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/14/98	SAC	75-71-8		U
Ethanol	ND	ug/kg	500	*	05/14/98	SAC	64-17-5		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107350
Client Project ID: 980512-03

Pace Sample No.: 10634707 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14 2 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/14/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/14/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/14/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/14/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/14/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/14/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/14/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/14/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/14/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/14/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/14/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/14/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/14/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/14/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/14/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/14/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/14/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/14/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/14/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/14/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/14/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/14/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/14/98	SAC	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	*	05/14/98	SAC	108-05-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107350
Client Project ID: 980512-03

Pace Sample No.: 10634707 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14 2 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Chloride	ND	ug/kg	5	*	05/14/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	98	%		*	05/14/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	92	%		*	05/14/98	SAC	460-00-4		
Dibromofluoromethane (S)	112	%		*	05/14/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/14/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107350
Client Project ID: 980512-03

Pace Sample No.: 10634715 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T19 2 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/14/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/14/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/14/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/14/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/14/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/14/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/14/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/14/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/14/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/14/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/14/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/14/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/14/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/14/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/14/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/14/98	SAC	594-20-7		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/14/98	SAC	110-75-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107350
Client Project ID: 980512-03

Pace Sample No.: 10634715 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T19 2 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chlorotoluene	ND	ug/kg	5	*	05/14/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/14/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/14/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/14/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/14/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/14/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/14/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/14/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/14/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/14/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/14/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/14/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/14/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/14/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/14/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/14/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/14/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/14/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/14/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/14/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/14/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/14/98	SAC	75-71-8		U
Ethanol	ND	ug/kg	500	*	05/14/98	SAC	64-17-5		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107350
Client Project ID: 980512-03

Pace Sample No.: 10634715 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T19 2 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/14/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/14/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/14/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/14/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/14/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/14/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/14/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/14/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/14/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/14/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/14/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/14/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/14/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/14/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/14/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/14/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/14/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/14/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/14/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/14/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/14/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/14/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/14/98	SAC	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	*	05/14/98	SAC	108-05-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107350
Client Project ID: 980512-03

Pace Sample No.: 10634715 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T19 2 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Chloride	ND	ug/kg	5	*	05/14/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	102	%		*	05/14/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	96	%		*	05/14/98	SAC	460-00-4		
Dibromofluoromethane (S)	114	%		*	05/14/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/14/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107350
Client Project ID: 980512-03

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected

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May 26, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107352
Client Project ID: 980512-03

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on May 13, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10534723 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14 2.5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634723 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14 2 5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634723 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14 2S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634723 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T14 2 5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	106	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634731 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T17 1 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634731 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T17 1 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634731 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T17 1 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103 65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01 6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634731 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T17 1 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	106	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634749 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T17 1 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634749 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T17 1 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	34	ug/kg	20	*	05/21/98	SAC	67-64-1		
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634749 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T17 1 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634749 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T17 1 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	108	%		*	05/21/98	SAC	2037-26-5		

Total EPA 8260 34

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634756 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15 3 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634756 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15 3 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634756 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15 3 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634758 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15 3 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	116	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	86	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	108	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634764 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15 3 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634764 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15 3 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10534764 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15 3 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634764 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15 3 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	106	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634772 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15 3 5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634772
Client Sample ID: T15 3 5

Date Collected: 05/11/98
Date Received: 05/13/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual:
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1250 are recognized and applied.

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Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634772
Client Sample ID: T15 3 5

Date Collected: 05/11/98
Date Received: 05/13/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634772 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T15 3 5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	108	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634962 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T19 2 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

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Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634962 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T19 2 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
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Pace Analytical

DATE: 05/28/98

Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634962
Client Sample ID: T19 Z

Date Collected: 05/11/98
Date Received: 05/13/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107352
Client Project ID: 980512-03

Pace Sample No.: 10634962
Client Sample ID: T19 2 S
Date Collected: 05/11/98
Date Received: 05/13/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	116	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Pace Analytical

Pace Project Number: 107352
Client Project ID: 980512-03

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ce Analytical

1320 W.
980512-03
Page 1 of 4

423339

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To: ←
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86001
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach
Sampler Signature:	Date Sampled: 5/1/98

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☒ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 5-26-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCL Metals	TPH-G	BTEX	PCBs	VOCs	SVOCs	REMARKS
1	T14-2-S	845	S								X	X	X	X			RUSH
2	T14-2-3	850									↓	↓	↓	↓			Archive
3	T14-2-5	855									X	X			X		
4	T14-3-S	910									↓	↓	↓		↓		RUSH
5	T14-3-3	915									↓	↓	↓				Archive
6	T14-3-5	920									X	X	X		X		
7	T14-1-S	930									X	X	X		X		RUSH
8	T14-1-3	935	N														

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature]	5/4/98	1630	FEDEX	5/4/98	1630
				Hung Lam	5-12-98	1000

SAMPLE CONDITION

Temp: 3.3 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

SITE INVESTIGATION REPORT
VOLUME 5 (APPENDIX C)

WEST APPROACH PROJECT INCLUDING
TRANSBAY TERMINAL LOOP
SAN FRANCISCO, CALIFORNIA

prepared for

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
111 Grand Avenue
Oakland, California

Task Order Number: 04-133331-DC
EA Number: 133331

prepared by

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
Environmental Engineering Branch
&
Professional Service Industries, Inc.
1320 West Winton Avenue
Hayward, California 94545
(510) 785-1111

June, 1999
575-8G001

Pace Analytical Services, Inc
3970 Gilman St
Long Beach, CA 90815
Tel: 562 498-9515
Fax: 562-597 0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980512-02
PACE ANALYTICAL WO #: 13201A
Client ID #: 8G001 SFW

Date: 6/9/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/11/98 and received on 05/12/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
BTEX (Soil)	2-3
CCR Metals (Soil)	4-8
TPH-Speciation (Soil)	9-10
List of Abbreviations and Definitions	11

In addition the analyses for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from those protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1235

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Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980512-02
PACE ANALYTICAL WO#:13201A
Client ID#:BG001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	D10-S	D12-S	D12-2.0	D8-S	D16-S	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	
Analyte						
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	
Surrogate Recovery %:						Acceptable Range:
a,a,a-Trifluorotoluene	108	110	107	100	104	59-134

Client ID:	D18-S	D18-3.0	Method Blank	
Units:	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/14/98	05/14/98	05/14/98	
Analyte				
Benzene	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	15
DF	1	1	1	
Surrogate Recovery %:				Acceptable Range:
a,a,a-Trifluorotoluene	105	104	82	59-134

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Pace Analytical

PACE ANALYTICAL Project# 980512-02
PACE ANALYTICAL WO#:13201A
Client ID#:8G001 SFW

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D10-S	D12-S	D12-2.0	D13-S	D13-1.5	D15-S	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	7.4	9.5	8.4	8.0	7.7	5.0	6010
Barium (Ba)	170	190	190	110	180	180	10	6010
Beryllium (Be)	<0.5	0.5	<0.5	<0.5	0.6	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.6	0.6	0.6	<0.5	1.2	0.5	6010
Chromium (Cr)	14	26	25	37	30	30	0.5	6010
Cobalt (Co)	5.2	11	8.9	10	11	8.2	1.0	6010
Copper (Cu)	42	29	20	24	27	51	2.5	6010
Lead (Pb)	18	86	140	37	29	500	1.0	6010
Mercury (Hg)*	0.15	0.10	<0.01	0.13	0.11	0.17	0.01	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	12	30	27	32	35	32	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	5.2	5.4	5.1	6.6	5.2	5.0	6010
Vanadium (V)	11	27	24	34	29	26	0.5	6010
Zinc (Zn)	28	82	72	59	70	210	10	6010
DF	1	1	1	1	1	1		

* Analyzed at ATL, 5/21/98.

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Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980517-02
PACE ANALYTICAL WO#:13201A
Client ID#:8G00* SHW

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D15-0.5	D8-S	D16-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/20/98	05/20/98	05/20/98	05/20/98		
Analyte						
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	8.3	<5.0	9.1	<5.0	5.0	6010
Barium (Ba)	140	94	180	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.7	<0.5	1.5	<0.5	0.5	6010
Chromium (Cr)	33	30	32	<0.5	0.5	6010
Cobalt (Co)	7.4	7.3	6.5	<1.0	1.0	6010
Copper (Cu)	30	17	71	<2.5	2.5	6010
Lead (Pb)	58	3.7	1000	<1.0	1.0	6010
Mercury (Hg)*	<0.01	<0.01	0.40	<0.01	0.01	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	28	43	29	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	28	20	27	<0.5	0.5	6010
Zinc (Zn)	55	29	270	<10	10	6010
DF	1	1	1	1		

* Analyzed at ATL, 5/21/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 980512-02
PACE ANALYTICAL WO#:13201A
Client ID#:BG001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		05/20/98		05/20/98	05/20/98			
Analyte	EPA Method							
Antimony (Sb)	6010	85	70-130	48**	47**	60-130	2.1	0-25
Arsenic (As)	6010	86	78-104	76	84	34-136	10	0-15
Barium (Ba)	6010	92	81-117	86	92	55-130	6.7	0-25
Beryllium (Be)	6010	85	70-130	81	81	70-130	0.0	0-25
Cadmium (Cd)	6010	82	75-104	74	77	73-115	4.0	0-15
Chromium (Cr)	6010	86	81-103	82	83	62-125	1.2	0-15
Cobalt (Co)	6010	85	70-130	75	77	70-130	2.6	0-25
Copper (Cu)	6010	86	70-130	70	79	70-140	12	0-25
Lead (Pb)	6010	84	76-104	51	54	48-120	5.7	0-30
Mercury (Hg)*	7471	106	76-121	120	116	63-139	4	0-30
Molybdenum (Mo)	6010	87	70-130	79	80	70-130	1.3	0-25
Nickel (Ni)	6010	84	70-130	79	77	70-130	2.6	0-25
Selenium (Se)	6010	86	79-102	80	80	42-120	0.0	0-15
Silver (Ag)	6010	96	77-107	77	77	53-115	0.0	0-19
Thallium (Tl)	6010	88	70-130	84	89	70-130	5.9	0-25
Vanadium (V)	6010	87	70-130	101	89	70-130	13	0-25
Zinc (Zn)	6010	84	70-130	62**	69**	70-130	11	0-25

* Analyzed at ATL, 5/21/98.
**Sample matrix effect

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980512-02
PACE ANALYTICAL WO#:13201A
Client ID#:8G01 SFW

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D17-S	D18-S	D18-3.0	D19-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	10	9.4	<5.0	5.6	<5.0	5.0	6010
Barium (Ba)	150	120	90	130	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.9	0.7	<0.5	0.9	<0.5	0.5	6010
Chromium (Cr)	34	27	83	32	<0.5	0.5	6010
Cobalt (Co)	7.5	6.5	12	6.7	<1.0	1.0	6010
Copper (Cu)	39	37	10	38	<2.5	2.5	6010
Lead (Pb)	170	220	12	270	<1.0	1.0	6010
Mercury (Hg)*	0.14	0.30	<0.01	0.36	<0.01	0.01	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	34	28	180	26	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	5.6	<5.0	5.4	<5.0	<5.0	5.0	6010
Vanadium (V)	27	23	31	23	<0.5	0.5	6010
Zinc (Zn)	100	120	38	190	<10	10	6010
DF	1	1	1	1	1		

* Analyzed at ATL, 5/21/98.

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/20/98		05/20/98	05/20/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	84	70-130	39**	37**	60-130	5.3	0-25
Arsenic (As)	6010	86	78-104	70	66	34-135	6.9	0-15
Barium (Ba)	6010	90	81-117	81	82	55-130	1.2	0-25
Beryllium (Be)	6010	95	70-130	79	76	70-130	3.9	0-25
Cadmium (Cd)	6010	82	75-104	74	74	73-115	0.0	0-15
Chromium (Cr)	6010	86	81-103	78	77	62-125	1.3	0-15
Cobalt (Co)	6010	85	70-130	73	70	70-130	4.2	0-25
Copper (Cu)	6010	85	70-130	86	89	70-140	3.4	0-25
Lead (Pb)	6010	80	76-104	68	66	40-120	3.0	0-30
Mercury (Hg)*	7471	105	76-121	89	95	70-135	6	0-30
Molybdenum (Mo)	6010	87	70-130	72	65**	70-130	10	0-25
Nickel (Ni)	6010	84	70-130	73	72	70-130	1.4	0-25
Selenium (Se)	6010	87	79-102	74	70	42-120	5.6	0-15
Silver (Ag)	6010	105	77-107	77	76	53-115	1.3	0-19
Thallium (Tl)	6010	88	70-130	75	71	70-130	5.5	0-25
Vanadium (V)	6010	87	70-130	82	81	70-130	1.2	0-25
Zinc (Zn)	6010	82	70-130	68**	69**	70-130	1.5	0-25

* Analyzed at ATL, 5/21/98.
** Sample matrix effect.

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Tel: 562-498-9515
Fax 562-597-0706

Pace Analytical

PACE ANALYTICAL Project#:980512-02
PACE ANALYTICAL WO#:13201A
Client ID#:8G001 SFW

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	05/16/98	<10	---	10	1
D10-S	05/16/98	<10	---	10	1
D12-S	05/16/98	<10	---	10	1
D12-2.0	05/16/98	<10	---	10	1
D13-S	05/16/98	<10	---	10	1
D13-1.5	05/16/98	<10	---	10	1
D15-S	05/16/98	170	C18-C40*	10	1
D15-0.5	05/16/98	30	C20-C40*	10	1
D8-S	05/16/98	290	C16-C40*	10	1
D16-S	05/16/98	110	C18-C40*	10	1
D17-S	05/16/98	40	C20-C40*	10	1
D18-S	05/16/98	40	C20-C36*	10	1
D18-3.0	05/16/98	<10	---	10	1
D19-S	05/16/98	60	C20-C36*	10	1

*Degraded Oil

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/16/98		05/16/98	05/16/98			
TPH-Speciation	107	80-120	78	97	70-130	22	0-30

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Long Beach, CA 90815
Tel. 562-498-9515
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Pace Analytical

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg		micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Advanced Technology Laboratories

May 28, 1998 ELAP No.: 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villalania

Client's Project: 980512-02
Lab No.: 26190-001/008

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of the Laboratory's name for advertising or publicity purpose without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 980512-02

Date Received: 05/21/98
Date Sampled: NA

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
26190-001	D10-S	EPA 7471 (Mercury)	05/28/98	0.15	Soil, mg/kg	0.10	0.10	DJ
26190-002	D12-S	EPA 7471 (Mercury)	05/28/98	0.10	Soil, mg/kg	0.10	0.10	DJ
26190-003	D12-2.0	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26190-004	D13-S	EPA 7471 (Mercury)	05/28/98	0.13	Soil, mg/kg	0.10	0.10	DJ
26190-005	D13-1.5	EPA 7471 (Mercury)	05/28/98	0.11	Soil, mg/kg	0.10	0.10	DJ
26190-006	D15-S	EPA 7471 (Mercury)	05/28/98	0.17	Soil, mg/kg	0.10	0.10	DJ
26190-007	D15-0.5	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26190-008	D8-S	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ

MDL - Method Detection Limit
ND - Not Detected (Below DLR)
DF - Dilution Factor (DLR/MDL)

Reviewed/Approved By: Cheryl de Los Reyes
Cheryl De Los Reyes
Department Supervisor

Date: 5/29/98

The cover letter is an integral part of this analytical report

Spike Recovery and RPD Summary Report

Method: EPA7471
Analyst: CDR/DJ
Data File: 805 28-1
QA File 8149-1

Date Analyzed 05-28-98
Date Digested. 05-28-98
Sample ID: see below
Matrix: SOIL/SOLID
QC Batch Number. HG980528S-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METHBLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	%REC Limit	RPD	RPD Limit	MDL
26278-002	mg/kg	0.50	0.53	106	ND	ND	ND	0	0.83	1.00	0.96	120	116	63-139	4	30	0.10
26280-004	mg/kg	0.50	0.44	88	ND	ND	ND	0	0.83	0.88	0.86	106	104	63-139	2	30	0.10
26279-006	mg/kg	0.50	0.46	92	ND	ND	ND	0	0.83	0.89	0.96	107	116	63-139	8	30	0.10

Approved by: Cheryl De Los Reyes
Inorganics Supervisor

Date: 6/2/98

Advanced Technology Laboratories

Pace Analytical

1 of 1

423627

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical	Report To: Richard V.	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☒ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 3970 Gilman Long Beach, CA 90815	Bill To:		Pace Project Manager
Phone: 498-9515	P.O. # / Billing Reference		Pace Project No. 980512-02
	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature: _____ Date Sampled: _____

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: H5	REMARKS
1	D10-5		SOIL								X	
2	D12-5										X	
3	D12-2.0										X	
4	D15-5										X	
5	D13-1.5										X	
6	D15-5										X	
7	D15-0.5										X	
8	D8-5										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	[illegible]	5/21/98		Dawn Dalvan/ATL	5-21-98	1815

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8-97

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

Pace Analytical

May 29, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021653
Client Project ID: 980512-02

Dear :

Enclosed are the results of analyses for sample(s) received on May 13, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021653
Client Project ID: 980512-02

Attn: PROJECT MANAGER
Phone: (562)498-9515

Pace Sample No.: 6018742258 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D10-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	660		05/28/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	0	%			05/28/98	AFT	2051-24-3	1	
Tetrachloro-meta-xylene (S)	0	%			05/28/98	AFT	877-09-8		
Date Extracted	05/19/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874225 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D10-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	3300	190.00	05/23/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	3300	128.47	05/23/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	3300	94.405	05/23/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	3300	199.10	05/23/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	3300	72.327	05/23/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	3300	119.97	05/23/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	3300	240.65	05/23/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	3300	53.646	05/23/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	16000	460.53	05/23/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	3300	56.143	05/23/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	3300	86.513	05/23/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	3300	81.118	05/23/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	3300	87.712	05/23/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	3300	166.13	05/23/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	3300	74.925	05/23/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	16000	87.412	05/23/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	3300	89.810	05/23/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	6600	2402.8	05/23/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	16000	75.624	05/23/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	16000	456.74	05/23/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	3300	71.128	05/23/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	6600	87.212	05/23/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	6600	82.617	05/23/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	3300	78.321	05/23/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	3300	74.925	05/23/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	16000	52.447	05/23/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	16000	89.810	05/23/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	3300	73.426	05/23/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	3300	86.113	05/23/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	3300	68.531	05/23/98	WAW	120-12-7		U

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874225 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D10-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	3300	76.023	05/23/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	3300	63.636	05/23/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	3300	76.823	05/23/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	3300	57.542	05/23/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	3300	45.754	05/23/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	16000	65.934	05/23/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	6600	129.27	05/23/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	3300	92.007	05/23/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	3300	212.18	05/23/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	3300	99.400	05/23/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	3300	39.860	05/23/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	3300	95.804	05/23/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	3300	95.304	05/23/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	3300	157.84	05/23/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	3300	78.821	05/23/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	3300	77.222	05/23/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	3300	94.105	05/23/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	3300	63.836	05/23/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	3300	76.923	05/23/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	3300	78.821	05/23/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	3300	76.223	05/23/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	3300	90.309	05/23/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	3300	139.46	05/23/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	3300	98.201	05/23/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	3300	148.35	05/23/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	3300	60.839	05/23/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	3300	251.94	05/23/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	3300	93.606	05/23/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	3300	36.163	05/23/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	3300	94.405	05/23/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	3300	175.82	05/23/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	16000	88.711	05/23/98	WAW	87-86-5		U

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601074225 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D10-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Phenanthrene	ND	ug/kg	3300	68.331	05/23/98	WAW	85-01-8		U
Phenol	ND	ug/kg	3300	93.006	05/23/98	WAW	108-95-2	2	U
Pyrene	ND	ug/kg	3300	48.551	05/23/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	95	%			05/23/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	89	%			05/23/98	WAW	321-60-8		
2-Fluorophenol (S)	100	%			05/23/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	80	%			05/23/98	WAW	4165-60-0		
Phenol-d6 (S)	88	%			05/23/98	WAW	13127-88-3		
Terphenyl-d14 (S)	68	%			05/23/98	WAW	1718-51-0		
Date Extracted	05/20/98					WAW			

Total EPA 8270 ND

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874233 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D12-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	66		05/27/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	66		05/27/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	66		05/27/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	66		05/27/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	66		05/27/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	66		05/27/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	66		05/27/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	104	%			05/27/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	103	%			05/27/98	AFT	877-09-8		
Date Extracted	05/19/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874233 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D12-S Date Received: 05/13/98

Semivolatile Organics

GC/MS - - Semi-VOA Method: EPA 8270 Prep Method: EPA 8270

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/27/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/27/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/27/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/27/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/27/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/27/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/27/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/27/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/27/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/27/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/27/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/27/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/27/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/27/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/27/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/27/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/27/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/27/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/27/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/27/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/27/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/27/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/27/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/27/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/27/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/27/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/27/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/27/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/27/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/27/98	WAW	120-12-7		U

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874233
Client Sample ID: D12-S

Date Collected: 05/11/98
Date Received: 05/13/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/27/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/27/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/27/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/27/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/27/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/27/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/27/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/27/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/27/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/27/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/27/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/27/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/27/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/27/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/27/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/27/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/27/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/27/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/27/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/27/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/27/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/27/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/27/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/27/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/27/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/27/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/27/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/27/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/27/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/27/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/27/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/27/98	WAW	87-86-5		U

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 6018742-33 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D12-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/27/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/27/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/27/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	84	%			05/27/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	88	%			05/27/98	WAW	321-60-8		
2-Fluorophenol (S)	98	%			05/27/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	83	%			05/27/98	WAW	4165-60-0		
Phenol-d6 (S)	86	%			05/27/98	WAW	13127-88-3		
Terphenyl-d14 (S)	79	%			05/27/98	WAW	1718-51-0		
Date Extracted	05/20/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874241 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D12-2.0 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	660		05/28/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	0	%			05/28/98	AFT	2051-24-3	1	
Tetrachloro-meta-xylene (S)	0	%			05/28/98	AFT	877-09-8		
Date Extracted	05/19/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874241 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D12-2 0 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	3300	190.00	05/22/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	3300	128.47	05/22/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	3300	94.405	05/22/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	3300	199.10	05/22/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	3300	72.327	05/22/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	3300	119.97	05/22/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	3300	240.65	05/22/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	3300	53.646	05/22/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	16000	460.53	05/22/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	3300	56.143	05/22/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	3300	66.513	05/22/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	3300	81.118	05/22/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	3300	87.712	05/22/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	3300	166.13	05/22/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	3300	74.925	05/22/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	16000	87.412	05/22/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	3300	89.810	05/22/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	6600	2402.8	05/22/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	16000	75.624	05/22/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	16000	456.74	05/22/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	3300	71.128	05/22/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	6600	87.212	05/22/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	6600	82.617	05/22/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	3300	78.321	05/22/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	3300	74.925	05/22/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	16000	52.447	05/22/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	16000	89.810	05/22/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	3300	73.426	05/22/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	3300	86.113	05/22/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	3300	68.531	05/22/98	WAW	120-12-7		U

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874241 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D12-2 0 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	3300	76.023	05/22/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	3300	63.636	05/22/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	3300	76.823	05/22/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	3300	57.542	05/22/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	3300	45.754	05/22/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	16000	65.934	05/22/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	6600	129.27	05/22/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	3300	92.007	05/22/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	3300	212.18	05/22/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	3300	99.400	05/22/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	3300	39.860	05/22/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	3300	95.804	05/22/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	3300	95.304	05/22/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	3300	157.84	05/22/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	3300	78.821	05/22/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	3300	77.222	05/22/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	3300	94.105	05/22/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	3300	63.836	05/22/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	3300	76.923	05/22/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	3300	78.821	05/22/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	3300	76.223	05/22/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	3300	90.309	05/22/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	3300	139.46	05/22/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	3300	98.201	05/22/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	3300	148.35	05/22/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	3300	60.839	05/22/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	3300	251.94	05/22/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	3300	93.606	05/22/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	3300	36.163	05/22/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	3300	94.405	05/22/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	3300	175.82	05/22/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	16000	88.711	05/22/98	WAW	87-86-5		U

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874241 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D12-2 0 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	3300	68.331	05/22/98	WAW	85-01-8		U
Phenol	ND	ug/kg	3300	93.006	05/22/98	WAW	108-95-2	3	U
Pyrene	ND	ug/kg	3300	48.551	05/22/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	86	%			05/22/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	91	%			05/22/98	WAW	321-60-8		
2-Fluorophenol (S)	104	%			05/22/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	80	%			05/22/98	WAW	4165-60-0		
Phenol-d6 (S)	94	%			05/22/98	WAW	13127-88-3		
Terphenyl-d14 (S)	76	%			05/22/98	WAW	1718-51-0		
Date Extracted	05/20/98					WAW			

Total EPA 8270 ND

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874258 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D8-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	6600		05/27/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	6600		05/27/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	6600		05/27/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	6600		05/27/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	6600		05/27/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	6600		05/27/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	6600		05/27/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	0	%			05/27/98	AFT	2051-24-3	1	
Tetrachloro-meta-xylene (S)	0	%			05/27/98	AFT	877-09-8		
Date Extracted	05/19/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874258 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D8-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	3300	190.00	05/22/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	3300	128.47	05/22/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	3300	94.405	05/22/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	3300	199.10	05/22/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	3300	72.327	05/22/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	3300	119.97	05/22/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	3300	240.65	05/22/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	3300	53.646	05/22/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	16000	460.53	05/22/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	3300	56.143	05/22/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	3300	86.513	05/22/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	3300	81.118	05/22/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	3300	87.712	05/22/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	3300	166.13	05/22/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	3300	74.925	05/22/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	16000	87.412	05/22/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	3300	89.810	05/22/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	6600	2402.8	05/22/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	16000	75.624	05/22/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	16000	456.74	05/22/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	3300	71.128	05/22/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	6600	87.212	05/22/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	6600	82.617	05/22/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	3300	78.321	05/22/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	3300	74.925	05/22/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	16000	52.447	05/22/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	16000	89.810	05/22/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	3300	73.426	05/22/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	3300	86.113	05/22/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	3300	68.531	05/22/98	WAW	120-12-7		U

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874258 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D8-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	3300	76.023	05/22/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	3300	63.636	05/22/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	3300	76.823	05/22/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	3300	57.542	05/22/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	3300	45.754	05/22/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	16000	65.934	05/22/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	6600	129.27	05/22/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	3300	92.007	05/22/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	3300	212.18	05/22/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	3300	99.400	05/22/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	3300	39.860	05/22/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	3300	95.804	05/22/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	3300	95.304	05/22/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	3300	157.84	05/22/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	3300	78.821	05/22/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	3300	77.222	05/22/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	3300	94.105	05/22/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	3300	63.836	05/22/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	3300	76.923	05/22/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	3300	78.821	05/22/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	3300	76.223	05/22/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	3300	90.309	05/22/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	3300	139.46	05/22/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	3300	98.201	05/22/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	3300	148.35	05/22/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	3300	60.839	05/22/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	3300	251.94	05/22/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	3300	93.606	05/22/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	3300	36.163	05/22/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	3300	94.405	05/22/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	3300	175.82	05/22/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	16000	88.711	05/22/98	WAW	87-86-5		U

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874258 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D8-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	3300	68.331	05/22/98	WAW	85-01-8		U
Phenol	ND	ug/kg	3300	93.006	05/22/98	WAW	108-95-2	3	U
Pyrene	ND	ug/kg	3300	48.551	05/22/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	110	%			05/22/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	97	%			05/22/98	WAW	321-60-8		
2-Fluorophenol (S)	114	%			05/22/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	89	%			05/22/98	WAW	4165-60-0		
Phenol-d6 (S)	96	%			05/22/98	WAW	13127-88-3		
Terphenyl-d14 (S)	67	%			05/22/98	WAW	1718-51-0		
Date Extracted	05/20/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874266 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D16-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	800	ug/kg	660		05/28/98	AFT	11096-82-5		
Decachlorobiphenyl (S)	0	%			05/28/98	AFT	2051-24-3	4	
Tetrachloro-meta-xylene (S)	0	%			05/28/98	AFT	877-09-8		
Date Extracted	05/19/98					AFT			
Total EPA 8082	800								

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874266 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D16-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	3300	190.2	05/22/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	3300	128.6	05/22/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	3300	94.5	05/22/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	3300	199.3	05/22/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	3300	72.4	05/22/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	3300	120.1	05/22/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	3300	240.9	05/22/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	3300	53.7	05/22/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	16000	461	05/22/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	3300	56.2	05/22/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	3300	86.6	05/22/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	3300	81.2	05/22/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	3300	87.8	05/22/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	3300	166.3	05/22/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	3300	75	05/22/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	16000	87.5	05/22/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	3300	89.9	05/22/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	6600	2405.3	05/22/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	16000	75.7	05/22/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	16000	457.2	05/22/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	3300	71.2	05/22/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	6600	87.3	05/22/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	6600	82.7	05/22/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	3300	78.4	05/22/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	3300	75	05/22/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	16000	52.5	05/22/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	16000	89.9	05/22/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	3300	73.5	05/22/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	3300	86.2	05/22/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	3300	68.6	05/22/98	WAW	120-12-7		U

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874266
Client Sample ID: D16-S

Date Collected: 05/11/98
Date Received: 05/13/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	3300	76.1	05/22/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	3300	63.7	05/22/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	3300	76.9	05/22/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	3300	57.6	05/22/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	3300	45.8	05/22/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	16000	66	05/22/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	6600	129.4	05/22/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	3300	92.1	05/22/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	3300	212.4	05/22/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	3300	99.5	05/22/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	3300	39.9	05/22/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	3300	95.9	05/22/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	3300	95.4	05/22/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	3300	158	05/22/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	3300	78.9	05/22/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	3300	77.3	05/22/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	3300	94.2	05/22/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	3300	63.9	05/22/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	3300	77	05/22/98	WAW	131-11-3		U
Fluoranthene	trace	ug/kg	3300	78.9	05/22/98	WAW	206-44-0	5	J
Fluorene	ND	ug/kg	3300	76.3	05/22/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	3300	90.4	05/22/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	3300	139.6	05/22/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	3300	98.3	05/22/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	3300	148.5	05/22/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	3300	60.9	05/22/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	3300	252.2	05/22/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	3300	93.7	05/22/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	3300	36.2	05/22/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	3300	94.5	05/22/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	3300	176	05/22/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	16000	88.8	05/22/98	WAW	87-86-5		U

Paco Project Number: 6021653
Client Project ID: 980512-02

Paco Sample No.: 601874265 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D16-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Phenanthrene	trace	ug/kg	3300	68.4	05/22/98	WAW	85-01-8	5	J
Phenol	ND	ug/kg	3300	93.1	05/22/98	WAW	108-95-2	3	U
Pyrene	ND	ug/kg	3300	48.6	05/22/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	95	%			05/22/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	94	%			05/22/98	WAW	321-60-8		
2-Fluorophenol (S)	113	%			05/22/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	86	%			05/22/98	WAW	4165-60-0		
Phenol-d6 (S)	101	%			05/22/98	WAW	13127-88-3		
Terphenyl-d14 (S)	65	%			05/22/98	WAW	1718-51-0		
Date Extracted	05/20/98					WAW			

Total EPA 8270 ND

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 60187427 4 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D18-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	330		05/27/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	330		05/27/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	330		05/27/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	330		05/27/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	330		05/27/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	330		05/27/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	330		05/27/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	103	%			05/27/98	AFT	2051-24-3	6	
Tetrachloro-meta-xylene (S)	103	%			05/27/98	AFT	877-09-8		
Date Extracted	05/19/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874274 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D18-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/27/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/27/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/27/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/27/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/27/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/27/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/27/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/27/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/27/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/27/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/27/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/27/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/27/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/27/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/27/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/27/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/27/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/27/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/27/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/27/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/27/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/27/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/27/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/27/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/27/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/27/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/27/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/27/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/27/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/27/98	WAW	120-12-7		U

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874274 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D18-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/27/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/27/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/27/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/27/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/27/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/27/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/27/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/27/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/27/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/27/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/27/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/27/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/27/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/27/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/27/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/27/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/27/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/27/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/27/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/27/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/27/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/27/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/27/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/27/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/27/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/27/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/27/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/27/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/27/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/27/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/27/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/27/98	WAW	87-86-5		U

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874274 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D18-S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/27/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/27/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/27/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	85	%			05/27/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	97	%			05/27/98	WAW	321-60-8		
2-Fluorophenol (S)	105	%			05/27/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	90	%			05/27/98	WAW	4165-60-0		
Phenol-d6 (S)	94	%			05/27/98	WAW	13127-88-3		
Terphenyl-d14 (S)	76	%			05/27/98	WAW	1718-51-0		
Date Extracted	05/20/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874282 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D18-3 0 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	66		05/27/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	66		05/27/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	66		05/27/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	66		05/27/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	66		05/27/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	66		05/27/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	66		05/27/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	112	%			05/27/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	103	%			05/27/98	AFT	877-09-8		
Date Extracted	05/19/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874282 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D18-3 0 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/22/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/22/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/22/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/22/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/22/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/22/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/22/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/22/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/22/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/22/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/22/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/22/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/22/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/22/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/22/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/22/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/22/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/22/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/22/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/22/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/22/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/22/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/22/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/22/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/22/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/22/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/22/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/22/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/22/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/22/98	WAW	120-12-7		U

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874282 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D18-3 0 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/22/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/22/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/22/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/22/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/22/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/22/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/22/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/22/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/22/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/22/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/22/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/22/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/22/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/22/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/22/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/22/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/22/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/22/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/22/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/22/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/22/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/22/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/22/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/22/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/22/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/22/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/22/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/22/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/22/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/22/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/22/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/22/98	WAW	87-86-5		U

Pace Project Number: 6021653
Client Project ID: 980512-02

Pace Sample No.: 601874282 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D18-3 0 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/22/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/22/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/22/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	81	%			05/22/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	87	%			05/22/98	WAW	321-60-8		
2-Fluorophenol (S)	112	%			05/22/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	80	%			05/22/98	WAW	4165-60-0		
Phenol-d6 (S)	88	%			05/22/98	WAW	13127-88-3		
Terphenyl-d14 (S)	77	%			05/22/98	WAW	1718-51-0		
Date Extracted	05/20/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021653
Client Project ID: 900512.02

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected
[1]	The sample contains a matrix interference requiring sample dilution. The method detection limits are adjusted for the dilution and the sur
[2]	Elevated quantitation limits resulting from matrix interference due to hyrdocarbons.
[3]	Elevated quantitation limits resulting from matrix interference due to hydrocarbons.
[4]	The sample contains a high concentration analyte requiring sample dilution. The method detection limits are adjusted for the dilution and
[5]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[6]	Sample was diluted due to the presence of matrix interferences.

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May 26, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107353
Client Project ID: 980512-02

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on May 13, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
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Minneapolis, MN 55414
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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634798 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D13 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Aruclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634798 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D13 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634798 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D13 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104 51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75 69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634798 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D13 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	110	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	106	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634806 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D13 1.5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634806 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D13 1.5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10834806 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D13 1.5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634806 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D13 1.5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	110	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	98	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634814 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: 015 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634814 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D15 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634814 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D15 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7810-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2 Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634814 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D15 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	116	%		*	05/21/98	SAC	17060-07 0		
4-Bromofluorobenzene (S)	100	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	110	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634822 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D15 0.5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10834822 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D15 0.5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106 43 4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634622 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D15 0.5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634822 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D15 0.5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	116	%		*	06/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	06/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	108	%		*	06/21/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	06/21/98	SAC	2037-26-5		
Total EPA 8250	ND								

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10034830 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D17 S Date Received: 05/13/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634830 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D17 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95 49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43 4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634830 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D17 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100 41 4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99 87 6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18 4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2 Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02 6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634830 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D17 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	114	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107363
Client Project ID: 980512-02

Pace Sample No.: 10634848 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D19 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634848 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D19 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2 Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107393
Client Project ID: 980512-02

Pace Sample No.: 10634848 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D19 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100 41 4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634 04 4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100 42 5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

Pace Sample No.: 10634648 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: D19 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107353
Client Project ID: 980512-02

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name:
Site Location:

PACE ANALYTICAL Project #: 980512-01
PACE ANALYTICAL WO #: 13200A
Client ID #: 8G001 SFW

Date: 6/10/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/11/98 and received on 05/12/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
BTEX (Soil)	2-4
CCR Metals (Soil)	5-14
TPH-Speciation (Soil)	15-16
List of Abbreviations and Definitions	17

In addition the analyses for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

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Pace Analytical

PACE ANALYTICAL Project#:980512-01
PACE ANALYTICAL WO#:13200A
Client ID#: 8G001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	T-26-1-SUR	T-26-1-3	T-26-1-5	T-26-1-10	T-26-1-15	T-26-1-20	T-26-1-25	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/13/98	05/13/98	05/13/98	05/13/98	05/13/98	05/13/98	05/13/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:	
a,a,a-Trifluorotoluene	95	94	96	97	95	96	95	59-134

Client ID:	T26-1-SUR-DUP	R3-2-SUR	R3-2-4	R3-2-10	R3-2-15	R3-2-20	R3-2-25	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/13/98	05/13/98	05/13/98	05/13/98	05/13/98	05/13/98	05/13/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:								Acceptable Range
a,a,a-Trifluorotoluene	96	96	96	95	91	96	96	59-134

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project# 980512-01
PACE ANALYTICAL WO# 13200A
Client ID#: 8G001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	R3-2-2	R3-2-2-DUP	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	05/13/98	05/13/98	05/13/98	
Analyte				
Benzene	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	15
DF	1	1	1	
Surrogate Recovery %:				Acceptable Range:
a,a,a-Trifluorotoluene	85	90	94	59-134

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Pace Analytical

PACE ANALYTICAL Project#:980512-01
PACE ANALYTICAL WO#:13200A
Client ID#: 8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/13/98		05/13/98	05/13/98			
Analyte							
Benzene	92	74-116	91	96	72-115	4.3	0-26
Toluene	95	73-116	92	95	70-114	3.2	0-22
Ethylbenzene	95	75-118	93	96	68-119	3.2	0-24
Total Xylenes	96	78-120	93	96	74-117	3.2	0-22

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Pace Analytical

PACE ANALYTICAL Project#:980512-01
PACE ANALYTICAL WO#:13200A
Client ID#: 8G001 SFW

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T-26-1-SUR	T-26-1-3	T-26-1-5	T-26-1-10	T-26-1-15	T-26-1-20	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/19/98	05/19/98	05/19/98	05/19/98	05/19/98	05/19/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	14	<5.0	9.2	11	8.1	5.0	6010
Barium (Ba)	140	84	91	300	440	250	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.6	0.5	0.6	0.5	6010
Cadmium (Cd)	0.6	1.0	0.6	0.5	0.8	0.6	0.5	6010
Chromium (Cr)	61	57	61	25	23	25	0.5	6010
Cobalt (Co)	7.6	17	10	18	14	19	1.0	6010
Copper (Cu)	22	19	18	33	50	28	2.5	6010
Lead (Pb)	110	89	19	24	300	15	1.0	6010
Mercury (Hg)*	0.21	0.49	0.10	0.07	0.32	0.07	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	35	44	39	40	35	43	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	9.2	<5.0	9.4	7.2	9.0	5.0	6010
Vanadium (V)	35	47	42	26	23	25	0.5	6010
Zinc (Zn)	110	71	45	86	240	72	10	6010
DF	1	1	1	1	1	1		

* Mercury analyzed 6/9/98.

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Pace Analytical

PACE ANALYTICAL Project#:080512-01
PACE ANALYTICAL WO#:13200A
Client ID#: 8G001 SFW

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T-26-1-25	T-26-2-SUR	T-26-2-3	T-26-2-5	T-26-2-10	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/19/98	05/19/98	05/19/98	05/19/98	05/19/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	7.2	12	5.1	<5.0	<5.0	5.0	6010
Barium (Ba)	150	200	150	210	120	10	6010
Beryllium (Be)	0.6	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	0.7	0.6	0.5	0.6	0.5	6010
Chromium (Cr)	23	30	51	54	56	0.5	6010
Cobalt (Co)	8.7	12	8.4	10	10	1.0	6010
Copper (Cu)	24	25	18	22	26	2.5	6010
Lead (Pb)	57	59	83	95	120	1.0	6010
Mercury (Hg)*	<0.05	0.19	0.13	0.11	0.17	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	38	32	32	38	39	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	8.3	10	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	24	30	41	43	41	0.5	6010
Zinc (Zn)	78	80	73	85	87	10	6010
DF	1	1	1	1	1		

* Mercury analyzed 5/9/98.

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Pace Analytical

PACE ANALYTICAL Project#:980512-01
PACE ANALYTICAL WO#:13200A
Client ID#: 8G001 SFW

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T-26-2-15	T26-2-20	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/19/98	05/19/98	05/19/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	9.0	8.9	<5.0	5.0	6010
Barium (Ba)	690	170	<10	10	6010
Beryllium (Be)	0.6	0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	0.6	<0.5	0.5	6010
Chromium (Cr)	24	25	<0.5	0.5	6010
Cobalt (Co)	15	14	<1.0	1.0	6010
Copper (Cu)	38	40	<2.5	2.5	6010
Lead (Pb)	44	12	<1.0	1.0	6010
Mercury (Hg)*	0.07	<0.05	<0.05	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	40	48	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	6.3	9.8	<5.0	5.0	6010
Vanadium (V)	24	22	<0.5	0.5	6010
Zinc (Zn)	93	87	<10	10	6010
DF	1	1	1		

* Mercury analyzed 6/9/98.

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Pace Analytical

PACE ANALYTICAL Project#:980512-01
PACE ANALYTICAL WO#:13200A
Client ID#: 8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/19/98		05/19/98	05/19/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	83	70-130	42*	41*	60-130	2.4	0-25
Arsenic (As)	6010	87	78-104	84	85	34-135	1.2	0-15
Barium (Ba)	6010	93	81-117	80	80	55-130	0.0	0-25
Beryllium (Be)	6010	86	70-130	83	82	70-130	1.2	0-25
Cadmium (Cd)	6010	86	75-104	82	83	73-115	1.2	0-15
Chromium (Cr)	6010	90	81-103	80	86	62-125	7.2	0-15
Cobalt (Co)	6010	87	70-130	69*	74	70-130	7.0	0-25
Copper (Cu)	6010	88	70-130	77	77	70-140	0.0	0-25
Lead (Pb)	6010	85	76-104	78	78	48-120	0.0	0-30
Mercury (Hg)	7471	97	76-121	98	90	70-135	9	0-30
Molybdenum (Mo)	6010	90	70-130	78	78	70-130	0.0	0-25
Nickel (Ni)	6010	87	70-130	62*	74	70-130	18	0-25
Selenium (Se)	6010	86	79-102	82	80	42-120	2.5	0-16
Silver (Ag)	6010	89	77-107	82	82	53-115	0.0	0-19
Thallium (Tl)	6010	92	70-130	76	81	70-130	6.4	0-25
Vanadium (V)	6010	89	70-130	80	81	70-130	1.2	0-25
Zinc (Zn)	6010	89	70-130	77	81	70-130	5.1	0-25

*Sample matrix effect

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PACE ANALYTICAL Project#:980512-01
PACE ANALYTICAL WO#:13200A
Client ID#: 80001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T-26-2-25	T-25-2-30	R3-1-SUR	R3-1-2	R3-1-5		EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	PRL mg/Kg	Method
Date Analyzed:	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	11	6.1	<5.0	<5.0	6.0	5.0	6010
Barium (Ba)	170	340	110	110	180	10	6010
Beryllium (Be)	0.6	0.7	<0.5	<0.5	0.5	0.5	6010
Cadmium (Cd)	0.6	0.6	0.6	<0.5	0.7	0.5	6010
Chromium (Cr)	26	17	36	60	43	0.5	6010
Cobalt (Co)	15	11	7.6	10	11	1.0	6010
Copper (Cu)	36	28	23	17	45	2.5	6010
Lead (Pb)	44	160	76	25	140	1.0	6010
Mercury (Hg)*	0.06	0.09	0.17	0.08	0.20	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	44	25	30	39	40	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	7.3	<5.0	<5.0	<5.0	5.6	5.0	6010
Vanadium (V)	26	18	33	41	35	0.5	6010
Zinc (Zn)	90	67	83	49	110	10	6010
DF	1	1	1	1	1		

* Mercury analyzed 6/9/98.

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PACE ANALYTICAL Project#:080512-01
PACE ANALYTICAL WO# 13200A
Client ID#: 6G001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	R3-1-10	R3-1-15	R3-1-20	R3-1-25	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/19/98	05/19/98	05/19/98	05/19/98	05/19/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	13	8.0	7.9	<5.0	5.0	6010
Barium (Ba)	20	320	270	250	<10	10	6010
Beryllium (Be)	<0.5	0.6	0.5	0.6	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.7	0.6	0.6	<0.5	0.5	6010
Chromium (Cr)	0.7	25	21	26	<0.5	0.5	6010
Cobalt (Co)	<1.0	14	18	19	<1.0	1.0	6010
Copper (Cu)	<2.5	48	27	28	<2.5	2.5	6010
Lead (Pb)	2.0	72	36	13	<1.0	1.0	6010
Mercury (Hg)*	0.12	0.14	0.07	0.08	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	1.2	38	40	44	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	8.3	7.1	7.7	<5.0	5.0	6010
Vanadium (V)	0.8	25	22	27	<0.5	0.5	6010
Zinc (Zn)	2.7	110	77	77	<10	10	6010
DF	1	1	1	1	1		

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Pace Analytical

PACE ANALYTICAL Project#:980512-01
PACE ANALYTICAL WO#:13200A
Client ID#: 8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/19/98		05/19/98	05/19/98			
Antimony (Sb)	6010	84	70-130	40*	35*	60-130	13	0-25
Arsenic (As)	6010	87	78-104	96	94	34-135	2.1	0-15
Barium (Ba)	6010	90	81-117	105	103	55-130	1.9	0-25
Beryllium (Be)	6010	85	70-130	86	87	70-130	1.2	0-25
Cadmium (Cd)	6010	84	75-104	92	93	73-115	1.1	0-15
Chromium (Cr)	6010	88	81-103	102	94	62-125	8.2	0-15
Cobalt (Co)	6010	85	70-130	99	95	70-130	4.6	0-25
Copper (Cu)	6010	87	70-130	113	95	70-140	17	0-25
Lead (Pb)	6010	83	76-104	90	88	48-120	2.2	0-30
Mercury (Hg)	7471	95	76-121	82	86	70-135	5	0-30
Molybdenum (Mo)	6010	89	70-130	82	82	70-130	0.0	0-25
Nickel (Ni)	6010	85	70-130	114	94	70-130	19	0-25
Selenium (Se)	6010	88	79-102	86	87	42-120	1.2	0-16
Silver (Ag)	6010	86	77-107	89	90	53-115	1.1	0-19
Thallium (Tl)	6010	92	70-130	98	96	70-130	2.1	0-25
Vanadium (V)	6010	88	70-130	109	99	70-130	9.6	0-25
Zinc (Zn)	6010	86	70-130	95	92	70-130	3.2	0-25

* Sample matrix effect.

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PACE ANALYTICAL Project#:980512-01
PACE ANALYTICAL WO#:13200A
Client ID#: 80001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	R3-2-SUR	R3-2-4	R3-2-4D	R3-2-15	R3-2-20	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/19/98	05/19/98	05/19/98	05/19/98	05/19/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.8	<5.0	12	10	12	5.0	6010
Barium (Ba)	75	380	240	230	260	10	6010
Beryllium (Be)	<0.5	0.6	0.7	0.7	0.6	0.5	6010
Cadmium (Cd)	0.6	<0.5	0.8	0.8	0.7	0.5	6010
Chromium (Cr)	32	11	30	26	23	0.5	6010
Cobalt (Co)	11	9.5	19	18	17	1.0	6010
Copper (Cu)	14	13	41	45	33	2.5	6010
Lead (Pb)	33	42	44	120	15	1.0	6010
Mercury (Hg)*	0.06	0.16	0.10	0.14	0.09	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	28	18	47	41	40	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	10	3.7	9.5	6.8	8.4	5.0	6010
Vanadium (V)	39	15	27	25	25	0.5	6010
Zinc (Zn)	60	66	100	150	85	10	6010
DF	1	1	1	1	1		

* Mercury analyzed 6/9/98.

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PACE ANALYTICAL Project#:980512-01
PACE ANALYTICAL WO#:13200A
Client ID#: 8G001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	R3-2-25	R3-2-2	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/19/98	05/19/98		
Analyte				
Antimony (Sb)	<5.0	<5.0	5.0	6010
Arsenic (As)	8.6	5.3	5.0	6010
Barium (Ba)	270	260	10	6010
Beryllium (Be)	0.7	<0.5	0.5	6010
Cadmium (Cd)	0.7	0.9	0.5	6010
Chromium (Cr)	25	22	0.5	6010
Cobalt (Co)	20	11	1.0	6010
Copper (Cu)	37	28	2.5	6010
Lead (Pb)	74	110	1.0	6010
Mercury (Hg)*	0.09	0.19	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	2.5	6010
Nickel (Ni)	44	27	0.5	6010
Selenium (Se)	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	0.5	6010
Thallium (Tl)	8.5	7.5	5.0	6010
Vanadium (V)	27	29	0.5	6010
Zinc (Zn)	92	130	10	6010
DF	1	1		

* Mercury analyzed 6/9/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
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Pace Analytical

PACE ANALYTICAL Project#:980512-01
PACE ANALYTICAL WO#:13200A
Client ID#: 8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/19/98		05/19/98	05/19/98			
Analyte	EPA Method							
Antimony (Sb)	6010	84	70-130	40*	35*	60-130	13	0-25
Arsenic (As)	6010	87	78-104	96	94	34-135	2.1	0-15
Barium (Ba)	6010	90	81-117	105	103	55-130	1.9	0-25
Beryllium (Be)	6010	85	70-130	86	87	70-130	1.2	0-25
Cadmium (Cd)	6010	84	75-104	92	93	73-115	1.1	0-15
Chromium (Cr)	6010	98	81-103	102	94	62-125	8.2	0-15
Cobalt (Co)	6010	85	70-130	89	85	70-130	4.6	0-25
Copper (Cu)	6010	87	70-130	113	95	70-140	17	0-25
Lead (Pb)	6010	83	76-104	90	88	48-120	2.2	0-30
Mercury (Hg)	7471	95	76-121	82	86	70-135	5	0-30
Molybdenum (Mo)	6010	89	70-130	82	82	70-130	0	0-25
Nickel (Ni)	6010	85	70-130	114	94	70-130	19	0-25
Selenium (Se)	6010	88	79-102	86	87	42-120	1.2	0-16
Silver (Ag)	6010	86	77-107	89	90	53-115	1.1	0-19
Thallium (Tl)	6010	92	70-130	98	96	70-130	2.1	0-25
Vanadium (V)	6010	88	70-130	109	99	70-130	9.6	0-25
Zinc (Zn)	6010	86	70-130	95	92	70-130	3.2	0-25

* Sample matrix effect.

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Pace Analytical

PACE ANALYTICAL Project#:980512-01
PACE ANALYTICAL WO#:13200A
Client ID#: 8C001 SFW

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	05/17/98	<10	---	10	1
T-26-2-S	05/17/98	<10	---	10	1
T-26-2-3	05/17/98	<10	---	10	1
T-26-2-3 Dup.	05/17/98	<10	---	10	1
T-26-2-5	05/17/98	<10	---	10	1
T-26-2-10	05/17/98	<10	---	10	1
T-26-2-15	05/17/98	<10	---	10	1
T-26-2-20	05/17/98	<10	---	10	1
T-26-2-25	05/17/98	<10	---	10	1
T-26-2-30	05/17/98	<10	---	10	1
R3-1-S	05/17/98	40	C20-C40*	10	1
R3-1-2	05/17/98	40	C20-C40*	10	1
R3-1-5	05/17/98	600	C16-C40*	10	1
R3-1-10	05/17/98	<10	---	10	1
R3-1-10 Dup.	05/17/98	<10	---	10	1
R3-1-15	05/17/98	<10	---	10	1
R3-1-20	05/17/98	<10	---	10	1
R3-1-25	05/17/98	<10	---	10	1
R3-2-S	05/17/98	<10	---	10	1
R3-2-4	05/17/98	<10	---	10	1
R3-2-10	05/17/98	<10	---	10	1
R3-2-15	05/17/98	<10	---	10	1
R3-2-20	05/17/98	<10	---	10	1
T-26-1-S	05/16/98	<10	---	10	1
T-26-1-S Dup.	05/16/98	<10	---	10	1
T-26-1-3	05/16/98	<10	---	10	1
T-26-1-5	05/16/98	50	C20-C40*	10	1
T-26-1-10	05/16/98	<10	---	10	1
T-26-1-15	05/16/98	<10	---	10	1
T-26-1-20	05/16/98	<10	---	10	1
T-26-1-25	05/16/98	<10	---	10	1
R3-2-25	05/18/98	<10	---	10	1
R3-2-2	05/18/98	100	C16-C40**	10	1

*Degraded Oil

**Waste Oil

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980512-01
PACE ANALYTICAL WO#:13200A
Client ID#: SG001 SHW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/17/98		05/17/98	05/17/98			
TPH-Speciation	100	80-120	76	97	70-130	24	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/18/98		05/18/98	05/18/98			
TPH-Speciation	102	80-120	109	96	70-130	13	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/16/98		05/16/98	05/16/98			
TPH-Speciation	101	80-120	108	95	70-130	12	0-30

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
ug/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
ug/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

May 29, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021652
Client Project ID: 980512-01

Dear :

Enclosed are the results of analyses for sample(s) received on May 13, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021652
Client Project ID: 980512-01

Attn: PROJECT MANAGER
Phone: (562)498-9515

Pace Sample No.: 601874100 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-SUR Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/19/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/19/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/19/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/19/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/19/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/19/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	220	ug/kg	33		05/19/98	AFT	11096-82-5		
Decachlorobiphenyl (S)	137	%			05/19/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	142	%			05/19/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	**220**								

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874100 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-SUR Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	18.829	05/21/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	12.731	05/21/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	9.3566	05/21/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	19.730	05/21/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	7.1676	05/21/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	11.889	05/21/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	23.849	05/21/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	5.3163	05/21/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.639	05/21/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	5.9638	05/21/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	8.5734	05/21/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	8.0388	05/21/98	WAW	91-58-7		U
2 Chlorophenol	ND	ug/kg	330	8.5922	05/21/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	16.463	05/21/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	330	7.425	05/21/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	8.6625	05/21/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	8.9001	05/21/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	650	238.12	05/21/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	7.4943	05/21/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	45.262	05/21/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	7.0488	05/21/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	650	8.6427	05/21/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	650	8.1873	05/21/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	7.7616	05/21/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	7.425	05/21/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	5.1975	05/21/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	8.9001	05/21/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	330	7.2765	05/21/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	330	8.5338	05/21/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	330	6.7914	05/21/98	WAW	120-12-7		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874100 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-SUR Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	330	7.5339	05/21/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	6.3063	05/21/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	7.6131	05/21/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	5.7024	05/21/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	4.5342	05/21/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	6.534	05/21/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	650	12.810	05/21/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	9.1179	05/21/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	21.027	05/21/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	9.8505	05/21/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	3.9501	05/21/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	9.4941	05/21/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	330	9.4446	05/21/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	15.642	05/21/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	7.8111	05/21/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	7.6527	05/21/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	330	9.3258	05/21/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	330	6.3261	05/21/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	7.623	05/21/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	330	7.8111	05/21/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	330	7.5537	05/21/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	8.9496	05/21/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	13.820	05/21/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	9.7317	05/21/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	330	14.701	05/21/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	6.0291	05/21/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	330	24.967	05/21/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	9.2763	05/21/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	3.5838	05/21/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	330	9.3555	05/21/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	330	17.424	05/21/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	8.7912	05/21/98	WAW	87-86-5		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 6018741 00 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-SUR Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	330	6.7716	05/21/98	WAW	85-01-8		U
Phenol	ND	ug/kg	330	9.2169	05/21/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	330	4.8114	05/21/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	77	%			05/21/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	79	%			05/21/98	WAW	321-60-8		
2-Fluorophenol (S)	91	%			05/21/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	71	%			05/21/98	WAW	4165-60-0		
Phenol-d6 (S)	80	%			05/21/98	WAW	13127-88-3		
Terphenyl-d14 (S)	71	%			05/21/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			

Total EPA 8270 **ND**

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874118 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/18/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/18/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/18/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/18/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/18/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/18/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	140	ug/kg	33		05/18/98	AFT	11096-82-5		
Decachlorobiphenyl (S)	80	%			05/18/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	87	%			05/18/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	**140**								

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874118 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	18.829	05/21/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	12.731	05/21/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	9.3555	05/21/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	19.730	05/21/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	7.1676	05/21/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	11.889	05/21/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	23.849	05/21/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	5.3163	05/21/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.639	05/21/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	5.5638	05/21/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	8.5734	05/21/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	8.0388	05/21/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	8.6922	05/21/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	16.463	05/21/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	330	7.425	05/21/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	8.6625	05/21/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	8.9001	05/21/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	650	238.12	05/21/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	7.4943	05/21/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	45.262	05/21/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	7.0488	05/21/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	650	8.6427	05/21/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	650	8.1873	05/21/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	7.7616	05/21/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	7.425	05/21/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	5.1975	05/21/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	8.9001	05/21/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	330	7.2765	05/21/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	330	8.5338	05/21/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	330	6.7914	05/21/98	WAW	120-12-7		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874118 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	330	7.5339	05/21/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	6.3063	05/21/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	7.6131	05/21/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	5.7024	05/21/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	4.5342	05/21/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	6.534	05/21/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	650	12.810	05/21/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	9.1179	05/21/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	21.027	05/21/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	9.8505	05/21/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	3.9501	05/21/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	9.4941	05/21/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	330	9.4446	05/21/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	15.642	05/21/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	7.8111	05/21/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	7.6527	05/21/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	330	9.3258	05/21/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	330	6.3261	05/21/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	7.623	05/21/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	330	7.8111	05/21/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	330	7.5537	05/21/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	8.9496	05/21/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	13.820	05/21/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	9.7317	05/21/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	330	14.701	05/21/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	6.0291	05/21/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	330	24.967	05/21/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	9.2763	05/21/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	3.5838	05/21/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	330	9.3555	05/21/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	330	17.424	05/21/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	8.7912	05/21/98	WAW	87-86-5		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874118 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	330	6.7716	05/21/98	WAW	85-01-8		U
Phenol	ND	ug/kg	330	9.2169	05/21/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	330	4.8114	05/21/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	77	%			05/21/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	76	%			05/21/98	WAW	321-60-8		
2-Fluorophenol (S)	84	%			05/21/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	69	%			05/21/98	WAW	4165-60-0		
Phenol-d6 (S)	77	%			05/21/98	WAW	13127-88-3		
Terphenyl-d14 (S)	68	%			05/21/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 5021652
Client Project ID: 980512-01

Pace Sample No.: 601874126 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	330		05/18/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	330		05/18/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	330		05/18/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	330		05/18/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	330		05/18/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	330		05/18/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	330		05/18/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	93	%			05/18/98	AFT	2051-24-3	1	
Tetrachloro-meta-xylene (S)	110	%			05/18/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	**ND**								

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874126 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	19.02	05/21/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	12.86	05/21/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	9.45	05/21/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	19.93	05/21/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	7.24	05/21/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	12.01	05/21/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	24.09	05/21/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	5.37	05/21/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.1	05/21/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	5.62	05/21/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	8.66	05/21/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	8.12	05/21/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	8.78	05/21/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	16.63	05/21/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	330	7.6	05/21/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	8.75	05/21/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	8.99	05/21/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	240.53	05/21/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	7.57	05/21/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	45.72	05/21/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	7.12	05/21/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	8.73	05/21/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	660	8.27	05/21/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	7.84	05/21/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	7.5	05/21/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	5.25	05/21/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	8.99	05/21/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	330	7.35	05/21/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	330	8.62	05/21/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	330	8.86	05/21/98	WAW	120-12-7		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874126 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	330	7.61	05/21/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	6.37	05/21/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	7.69	05/21/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	5.76	05/21/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	4.58	05/21/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	6.6	05/21/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	12.94	05/21/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	9.21	05/21/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	21.24	05/21/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	9.95	05/21/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	3.99	05/21/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	9.59	05/21/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	330	9.54	05/21/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	15.8	05/21/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	7.89	05/21/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	7.73	05/21/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	330	9.42	05/21/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	330	6.39	05/21/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	7.7	05/21/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	330	7.89	05/21/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	330	7.63	05/21/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	9.04	05/21/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	13.96	05/21/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	9.83	05/21/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	330	14.85	05/21/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	6.09	05/21/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	330	25.22	05/21/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	9.37	05/21/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	3.62	05/21/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	330	9.45	05/21/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	330	17.6	05/21/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	8.88	05/21/98	WAW	87-86-5		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874126 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	330	5.84	05/21/98	WAW	85-01-8		U
Phenol	ND	ug/kg	330	9.31	05/21/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	330	4.86	05/21/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	80	%			05/21/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	84	%			05/21/98	WAW	321-60-8		
2-Fluorophenol (S)	89	%			05/21/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	72	%			05/21/98	WAW	4165-60-0		
Phenol-d6 (S)	81	%			05/21/98	WAW	13127-88-3		
Terphenyl-d14 (S)	55	%			05/21/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874134 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/15/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/15/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/15/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/15/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/15/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/15/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	33		05/15/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	98	%			05/15/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	104	%			05/15/98	AFT	877 09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874134 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/20/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/20/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/20/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/20/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/20/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/20/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/20/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/20/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/20/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/20/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/20/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/20/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/20/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/20/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/20/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/20/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/20/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/20/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/20/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/20/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/20/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/20/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/20/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/20/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/20/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/20/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/20/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/20/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/20/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/20/98	WAW	120-12-7		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874134 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/20/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/20/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/20/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/20/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/20/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/20/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/20/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/20/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/20/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/20/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/20/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/20/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/20/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/20/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/20/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/20/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/20/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/20/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/20/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/20/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/20/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/20/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/20/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/20/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/20/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/20/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/20/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/20/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/20/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/20/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/20/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/20/98	WAW	87-86-5		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874134 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/20/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/20/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/20/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	99	%			05/20/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	90	%			05/20/98	WAW	321-60-8		
2 Fluorophenol (S)	76	%			05/20/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	82	%			05/20/98	WAW	4165-60-0		
Phenol-d6 (S)	73	%			05/20/98	WAW	13127-88-3		
Terphenyl-d14 (S)	91	%			05/20/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			

Total EPA 8270 ND

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874142 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-15 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/18/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/18/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/18/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/18/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/18/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/18/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	33		05/18/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	92	%			05/18/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	94	%			05/18/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874142 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-I-15 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/20/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/20/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/20/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	30.86	05/20/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/20/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/20/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/20/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/20/98	WAW	105-67-9		U
2,4 Dinitrophenol	ND	ug/kg	3200	92.2	05/20/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/20/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/20/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/20/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/20/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/20/98	WAW	91-57-6		U
2 Methylphenol	ND	ug/kg	660	15	05/20/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/20/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/20/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/20/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/20/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/20/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/20/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/20/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/20/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/20/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/20/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.6	05/20/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/20/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/20/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/20/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/20/98	WAW	120-12-7		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874142 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-15 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/20/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/20/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/20/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/20/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/20/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/20/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/20/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/20/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/20/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/20/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/20/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/20/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/20/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/20/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/20/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/20/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/20/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/20/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/20/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/20/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/20/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/20/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/20/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/20/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/20/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/20/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/20/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/20/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/20/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/20/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/20/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/20/98	WAW	87-86-5		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874142 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-15 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Phenanthrene	ND	ug/kg	660	13.58	05/20/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/20/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/20/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	99	%			05/20/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	88	%			05/20/98	WAW	321-60-8		
2-Fluorophenol (S)	76	%			05/20/98	WAW	367-12 4		
Nitrobenzene-d5 (S)	78	%			05/20/98	WAW	4165-60-0		
Phenol-d6 (S)	72	%			05/20/98	WAW	13127-88-3		
Terphenyl-d14 (S)	85	%			05/20/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			

Total EPA 8270 ND

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874159 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-20 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/18/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/18/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/18/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/18/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/18/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/18/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	33		05/18/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	94	%			05/18/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	100	%			05/18/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874159 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-20 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/20/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/20/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/20/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/20/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/20/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/20/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/20/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/20/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/20/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/20/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/20/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/20/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/20/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/20/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/20/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/20/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/20/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/20/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/20/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/20/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/20/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/20/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/20/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/20/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/20/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/20/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/20/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/20/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/20/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/20/98	WAW	120-12-7		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874159 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-20 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/20/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/20/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/20/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/20/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/20/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/20/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/20/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/20/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/20/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/20/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/20/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/20/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/20/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/20/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/20/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/20/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/20/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/20/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/20/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/20/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/20/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/20/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/20/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/20/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/20/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/20/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/20/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/20/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/20/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/20/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/20/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/20/98	WAW	87-86-5		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874189 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-20 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/20/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/20/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/20/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	88	%			05/20/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	78	%			05/20/98	WAW	321-60-8		
2-Fluorophenol (S)	68	%			05/20/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	70	%			05/20/98	WAW	4165-60-0		
Phenol-d6 (S)	85	%			05/20/98	WAW	13127-88-3		
Terphenyl-d14 (S)	77	%			05/20/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 8021652
Client Project ID: 980512-01

Pace Sample No.: 001874167 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-SUR Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	330		05/18/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	330		05/18/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	330		05/18/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	330		05/18/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	330		05/18/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	330		05/18/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	330		05/18/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	99	%			05/18/98	AFT	2051-24-3	1	
Tetrachloro-meta-xylene (S)	115	%			05/18/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874167 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-SUR Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/21/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/21/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/21/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/21/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/21/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/21/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/21/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/21/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/21/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/21/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/21/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/21/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/21/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/21/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/21/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/21/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/21/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/21/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/21/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/21/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/21/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/21/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/21/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/21/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/21/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.6	05/21/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/21/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/21/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/21/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/21/98	WAW	120-12-7		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874167 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-SUR Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/21/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/21/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/21/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/21/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/21/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/21/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/21/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/21/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/21/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/21/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/21/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/21/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/21/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/21/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/21/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/21/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/21/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/21/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/21/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/21/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/21/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/21/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/21/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/21/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/21/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/21/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/21/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/21/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/21/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/21/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/21/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/21/98	WAW	87-86-5		U

Pace Project Number: 8021652
Client Project ID: 980512-01

Pace Sample No.: 601874167 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-SUR Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/21/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/21/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/21/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	77	%			05/21/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	83	%			05/21/98	WAW	321-60-8		
2-Fluorophenol (S)	96	%			05/21/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	72	%			05/21/98	WAW	4165-60-0		
Phenol-d6 (S)	95	%			05/21/98	WAW	13127 88-3		
Terphenyl-d14 (S)	60	%			05/21/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			

Total EPA 8270 ND

Pace Project Number: 6021692
Client Project ID: 980512-01

Pace Sample No.: 6018741?5 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-4 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/18/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/18/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/18/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/18/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/18/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/18/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	33		05/18/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	103	%			05/18/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	107	%			05/18/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874175 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-4 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/21/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/21/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/21/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/21/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/21/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/21/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/21/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/21/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/21/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/21/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/21/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/21/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/21/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/21/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/21/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/21/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/21/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/21/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/21/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/21/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/21/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/21/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/21/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/21/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/21/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/21/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/21/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/21/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/21/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/21/98	WAW	120-12-7		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874175 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-4 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/21/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/21/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/21/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/21/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/21/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/21/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/21/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/21/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/21/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/21/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/21/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/21/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/21/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/21/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/21/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/21/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/21/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/21/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/21/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/21/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/21/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/21/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/21/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/21/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/21/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/21/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/21/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/21/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/21/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/21/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/21/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/21/98	WAW	87-86-5		U

Pace Project Number: 0021652
Client Project ID: 980512-01

Pace Sample No.: 601874175 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-4 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/21/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/21/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/21/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	101	%			05/21/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	80	%			05/21/98	WAW	321-60-8		
2-Fluorophenol (S)	69	%			05/21/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	71	%			05/21/98	WAW	4165-60-0		
Phenol-d6 (S)	64	%			05/21/98	WAW	13127-88-3		
Terphenyl-d14 (S)	74	%			05/21/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			

Total EPA 8270 ND

Pace Project Number: 8021652
Client Project ID: 980512-01

Pace Sample No.: 801874183 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/15/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/15/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/15/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/15/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/15/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/15/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	33		05/15/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	99	%			05/15/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	99	%			05/15/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874183 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/20/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/20/98	WAW	95 50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/20/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/20/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	NO	ug/kg	660	14.48	05/20/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/20/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/20/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/20/98	WAW	105-67-9		U
2,4-Dinitrophenol	NO	ug/kg	3200	92.2	05/20/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11 24	05/20/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/20/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/20/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/20/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/20/98	WAW	91-57-6		U
2 Methylphenol	ND	ug/kg	660	15	05/20/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17 5	05/20/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/20/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481 06	05/20/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/20/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/20/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/20/98	WAW	101 55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/20/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/20/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	19 68	05/20/98	WAW	7005-72-3		U
4-Methylphenol	NO	ug/kg	660	15	05/20/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/20/98	WAW	100-01 6		U
4-Nitrophenol	ND	ug/kg	3200	17 98	05/20/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/20/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17 24	05/20/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13 72	05/20/98	WAW	120-12-7		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874183 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/20/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/20/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/20/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/20/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/20/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/20/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/20/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/20/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/20/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/20/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/20/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/20/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/20/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/20/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/20/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/20/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/20/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/20/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/20/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/20/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/20/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/20/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/20/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/20/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/20/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/20/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/20/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/20/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/20/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/20/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/20/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/20/98	WAW	87-86-5		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874183 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/20/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/20/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/20/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	93	%			05/20/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	89	%			05/20/98	WAW	321-60-8		
2-Fluorophenol (S)	78	%			05/20/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	82	%			05/20/98	WAW	4165-60-0		
Phenol-d6 (S)	76	%			05/20/98	WAW	13127-88-3		
Terphenyl-d14 (S)	86	%			05/20/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			

Total EPA 8270 ND

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601674191 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-15 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/15/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/15/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/15/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/15/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/15/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/15/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	33		05/15/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	100	%			05/15/98	AFT	2051-24-3		
Tetrachloro meta-xylene (S)	101	%			05/15/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874191 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-15 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/22/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/22/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/22/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/22/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/22/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/22/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/22/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/22/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/22/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/22/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/22/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/22/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/22/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/22/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/22/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/22/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/22/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/22/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/22/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/22/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/22/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/22/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/22/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/22/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/22/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/22/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/22/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/22/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/22/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/22/98	WAW	120-12-7		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874191 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-15 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/22/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/22/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/22/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/22/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/22/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/22/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/22/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/22/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/22/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/22/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/22/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/22/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/22/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/22/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/22/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/22/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/22/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/22/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/22/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/22/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/22/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/22/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/22/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/22/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/22/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/22/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/22/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/22/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/22/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/22/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/22/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/22/98	WAW	87-86-5		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874101 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-15 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/22/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/22/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/22/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	59	%			05/22/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	75	%			05/22/98	WAW	321-60-8		
2-Fluorophenol (S)	88	%			05/22/98	WAW	367 12-4		
Nitrobenzene-d5 (S)	70	%			05/22/98	WAW	4165-60-0		
Phenol-d6 (S)	69	%			05/22/98	WAW	13127-88-3		
Terphenyl-d14 (S)	58	%			05/22/98	WAW	1718-51-0		
Date Extracted	05/20/98					WAW			

Total EPA 8270 ND

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874209 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-20 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	66		05/27/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	66		05/27/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	66		05/27/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	66		05/27/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	66		05/27/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	66		05/27/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	66		05/27/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	112	%			05/27/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	105	%			05/27/98	AFT	877-09-8		
Date Extracted	05/19/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874209 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-20 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/22/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/22/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/22/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/22/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/22/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/22/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/22/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/22/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/22/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/22/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/22/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/22/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/22/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/22/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/22/98	WAW	95 48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/22/98	WAW	88-74 4		U
2-Nitrophenol	ND	ug/kg	660	17 98	05/22/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/22/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/22/98	WAW	99-09-2		U
4,6 Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/22/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/22/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/22/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/22/98	WAW	106 47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/22/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/22/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/22/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/22/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/22/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/22/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/22/98	WAW	120-12-7		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874209 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-20 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/22/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/22/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/22/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/22/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/22/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/22/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/22/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/22/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/22/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/22/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/22/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/22/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/22/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/22/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/22/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/22/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/22/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/22/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/22/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/22/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/22/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/22/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/22/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/22/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/22/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/22/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/22/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/22/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/22/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/22/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/22/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/22/98	WAW	87-86-5		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 6018742O9 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-20 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/22/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/22/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/22/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	71	%			05/22/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	80	%			05/22/98	WAW	321-60-8		
2-Fluorophenol (S)	103	%			05/22/98	WAW	367-12-4		
Nitrobenzene d5 (S)	76	%			05/22/98	WAW	4165-60-0		
Phenol-d6 (S)	76	%			05/22/98	WAW	13127-88-3		
Terphenyl-d14 (S)	74	%			05/22/98	WAW	1718-51-0		
Date Extracted	05/20/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874217 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-2 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	660		05/28/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	0	%			05/28/98	AFT	2051-24-3	?	
Tetrachloro-meta-xylene (S)	0	%			05/28/98	AFT	877-09-8		
Date Extracted	05/19/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874217 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-2 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	3300	190.2	05/22/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	3300	128.6	05/22/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	3300	94.5	05/22/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	3300	199.3	05/22/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	3300	72.4	05/22/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	3300	120.1	05/22/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	3300	240.9	05/22/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	3300	53.7	05/22/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	16000	461	05/22/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	3300	56.2	05/22/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	3300	86.6	05/22/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	3300	81.2	05/22/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	3300	87.8	05/22/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	3300	166.3	05/22/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	3300	75	05/22/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	16000	87.5	05/22/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	3300	89.9	05/22/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	6600	2405.3	05/22/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	16000	75.7	05/22/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	16000	457.2	05/22/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	3300	71.2	05/22/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	6600	87.3	05/22/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	6600	82.7	05/22/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	3300	78.4	05/22/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	3300	75	05/22/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	16000	52.5	05/22/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	16000	89.9	05/22/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	3300	73.5	05/22/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	3300	86.2	05/22/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	3300	68.6	05/22/98	WAW	120-12-7		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874217
Client Sample ID: R3-2-2

Date Collected: 05/11/98
Date Received: 05/13/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	3300	76.1	05/22/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	3300	63.7	05/22/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	3300	76.9	05/22/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	3300	57.6	05/22/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	3300	45.8	05/22/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	16000	66	05/22/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	6600	129.4	05/22/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	3300	92.1	05/22/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	3300	212.4	05/22/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	3300	99.5	05/22/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	3300	39.9	05/22/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	3300	95.9	05/22/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	3300	95.4	05/22/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	3300	158	05/22/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	3300	78.9	05/22/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	3300	77.3	05/22/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	3300	94.2	05/22/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	3300	63.9	05/22/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	3300	77	05/22/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	3300	78.9	05/22/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	3300	76.3	05/22/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	3300	90.4	05/22/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	3300	139.6	05/22/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	3300	98.3	05/22/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	3300	148.5	05/22/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	3300	60.9	05/22/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	3300	252.2	05/22/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	3300	93.7	05/22/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	3300	36.2	05/22/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	3300	94.5	05/22/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	3300	176	05/22/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	16000	88.8	05/22/98	WAW	87-86-5		U

Pace Project Number: 6021652
Client Project ID: 980512-01

Pace Sample No.: 601874217 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2.2 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	3300	68.4	05/22/98	WAW	85-01-8		U
Phenol	ND	ug/kg	3300	93.1	05/22/98	WAW	108-95-2	3	U
Pyrene	ND	ug/kg	3300	48.6	05/22/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	87	%			05/22/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	96	%			05/22/98	WAW	321-60-8		
2-Fluorophenol (S)	111	%			05/22/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	82	%			05/22/98	WAW	4165-60-0		
Phenol-d6 (S)	94	%			05/22/98	WAW	13127-88-3		
Terphenyl-d14 (S)	77	%			05/22/98	WAW	1718-51-0		
Date Extracted	05/20/98					WAW			

Total EPA 8270 ND

Pace Project Number: 6021652
Client Project ID: 980512-01

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Sample was diluted due to matrix interference.
[2]	The sample contains a matrix interference requiring sample dilution. The method detection limits are adjusted for the dilution and the sur
[3]	Elevated quantitation limits resulting from matrix interference due to hydrocarbons.

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
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Pace Analytical

May 20, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021651
Client Project ID: 980512-01

Dear :

Enclosed are the results of analyses for sample(s) received on May 13, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021651
Client Project ID: 980512-01

Pace Sample No.: 601874035 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-25 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	18.829	05/18/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	12.731	05/18/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	9.3555	05/18/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	19.730	05/18/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	7.1676	05/18/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	11.889	05/18/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	23.849	05/18/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	5.3163	05/18/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.639	05/18/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	5.5638	05/18/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	8.5734	05/18/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	8.0388	05/18/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	8.6922	05/18/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	16.463	05/18/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	330	7.425	05/18/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	8.6625	05/18/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	8.9001	05/18/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	238.12	05/18/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	7.4943	05/18/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	45.262	05/18/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	7.0488	05/18/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	8.6427	05/18/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	660	8.1873	05/18/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	7.7616	05/18/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	7.425	05/18/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	5.1975	05/18/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	8.9001	05/18/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	330	7.2765	05/18/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	330	8.5338	05/18/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	330	6.7914	05/18/98	WAW	120-12-7		U

Pace Project Number: 6021651
Client Project ID: 980512-01

Pace Sample No.: 601874035 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-25 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	330	7.5339	05/18/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	6.3063	05/18/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	7.6131	05/18/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	5.7024	05/18/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	4.5342	05/18/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	6.534	05/18/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	12.810	05/18/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	9.1179	05/18/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	21.027	05/18/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	9.8505	05/18/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	3.9501	05/18/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	9.4941	05/18/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	330	9.4446	05/18/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	15.642	05/18/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	7.8111	05/18/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	7.6527	05/18/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	330	9.3258	05/18/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	330	6.3261	05/18/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	7.623	05/18/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	330	7.8111	05/18/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	330	7.5537	05/18/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	8.9496	05/18/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	13.820	05/18/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	9.7317	05/18/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	330	14.701	05/18/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	6.0291	05/18/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	330	24.967	05/18/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	9.2763	05/18/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	3.5838	05/18/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	330	9.3555	05/18/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	330	17.424	05/18/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	8.7912	05/18/98	WAW	87-86-5		U

Pace Project Number: 6021651
Client Project ID: 980512-01

Pace Sample No.: 601874035 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T-26-1-25 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	330	6.7716	05/18/98	WAW	85-01-8		U
Phenol	ND	ug/kg	330	9.2169	05/18/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	330	4.8114	05/18/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	101	%			05/18/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	88	%			05/18/98	WAW	321-60-8		
2-Fluorophenol (S)	86	%			05/18/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	85	%			05/18/98	WAW	4165-60-0		
Phenol-d6 (S)	78	%			05/18/98	WAW	13127-88-3		
Terphenyl-d14 (S)	87	%			05/18/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total CPA 8270	**ND**								

Pace Project Number: 6021651
Client Project ID: 980512-01

Pace Sample No.: 6018/4050 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-25 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082					Prep Method: EPA 8082			
PCB-1016 (Arochlor 1016)	ND	ug/kg	33		05/15/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	33		05/15/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	33		05/15/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	33		05/15/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	33		05/15/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	33		05/15/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	33		05/15/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	100	%			05/15/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	104	%			05/15/98	AFT	877-09-8		
Date Extracted	05/14/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021651
Client Project ID: 980512-01

Pace Sample No.: 601874050 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-25 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	18.829	05/18/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	12.731	05/18/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	9.3556	05/18/98	WAW	541 73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	19.730	05/18/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	7.1676	05/18/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	11.869	05/18/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	23.849	05/18/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	5.3163	05/18/98	WAW	105-67 9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45 639	05/18/98	WAW	51 28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	5.5638	05/18/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	8.6734	05/18/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	8.0388	05/18/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	8.6922	05/18/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	16.463	05/18/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	330	7.425	05/18/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	8.0625	05/18/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	8.9001	05/18/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	650	238.12	05/18/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	7 4943	05/18/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	45.282	05/18/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	7.0488	05/18/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	650	8.6427	05/18/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	650	8.1873	05/18/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	7.7616	05/18/98	WAW	7005-72-3		U
4 Methylphenol	ND	ug/kg	330	7.425	05/18/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	5.1975	05/18/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	8 9001	05/18/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	330	7 2765	05/18/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	330	8.5338	05/18/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	330	6.7914	05/18/98	WAW	120-12-7		U

Pace Project Number: 6021651
Client Project ID: 980512-01

Pace Sample No.: 601874050 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2-25 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	330	7.5339	05/18/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	6.3063	05/18/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	7.6131	05/18/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	5.7024	05/18/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	4.5342	05/18/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	6.534	05/18/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	650	12.810	05/18/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	9.1179	05/18/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	21.027	05/18/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	9.8505	05/18/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	3.9501	05/18/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	9.4941	05/18/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	330	9.4446	05/18/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	15.642	05/18/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	7.8111	05/18/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	7.6527	05/18/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	330	9.3258	05/18/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	330	6.3261	05/18/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	7.623	05/18/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	330	7.8111	05/18/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	330	7.5537	05/18/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	8.9496	05/18/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	13.820	05/18/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	9.7317	05/18/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	330	14.701	05/18/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	6.0291	05/18/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	330	24.967	05/18/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	9.2763	05/18/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	3.5838	05/18/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	330	9.3555	05/18/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	330	17.424	05/18/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	8.7912	05/18/98	WAW	87-86-5		U

Pace Project Number: 602165 I
Client Project ID: 980512-01

Pace Sample No.: 601874050 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-2 25 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	330	6.7716	05/18/98	WAW	85-01-8		U
Phenol	ND	ug/kg	330	9.2169	05/18/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	330	4.8114	05/18/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	94	%			05/18/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	89	%			05/18/98	WAW	321-60-8		
2-Fluorophenol (S)	84	%			05/18/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	85	%			05/18/98	WAW	4165-60-0		
Phenol-d6 (S)	80	%			05/18/98	WAW	13127-88-3		
Terphenyl-d14 (S)	84	%			05/18/98	WAW	1718-51-0		
Date Extracted	05/14/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021651
Client Project ID: 980512-01

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected

Pace Analytical Services, Inc.
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Pace Analytical

May 21, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107344
Client Project ID: 980512.01

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on May 13, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 10/344
Client Project ID: 980512.01

Pace Sample No.: 10634517 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-1-25 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/14/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/14/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/14/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/14/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/14/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/14/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/14/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/14/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/14/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/14/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/14/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/14/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/14/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/14/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/14/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/14/98	SAC	594-20-7		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/14/98	SAC	110-75-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 107344
Client Project ID: 980512.01

Pace Sample No.: 10634517 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-1-25 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chlorotoluene	ND	ug/kg	5	*	05/14/98	SAC	95-49-8		U
2-Hexanone	trace	ug/kg	100	*	05/14/98	SAC	591-78-6	1	J
2-Methyl-2-propanol	ND	ug/kg	100	*	05/14/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/14/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/14/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/14/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/14/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/14/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/14/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/14/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/14/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/14/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/14/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/14/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/14/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/14/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/14/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/14/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/14/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/14/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/14/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/14/98	SAC	75-71-8		U
Ethanol	ND	ug/kg	500	*	05/14/98	SAC	64-17-5		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107344
Client Project ID: 980512.01

Pace Sample No.: 10634517 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-1-25 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/14/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/14/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/14/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/14/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/14/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/14/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/14/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/14/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/14/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/14/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/14/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/14/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/14/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/14/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/14/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/14/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/14/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/14/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/14/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/14/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/14/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/14/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/14/98	SAC	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	*	05/14/98	SAC	108-05-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Pace Analytical

Pace Project Number: 107344
Client Project ID: 980512.01

Pace Sample No.: 10634517 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3-1-25 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Chloride	ND	ug/kg	5	*	05/14/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	96	%		*	05/14/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	96	%		*	05/14/98	SAC	460-00-4		
Dibromofluoromethane (S)	116	%		*	05/14/98	SAC	1868-53-7		
Toluene-d8 (S)	96	%		*	05/14/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107344
Client Project ID: 980512.01

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected
(1)	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

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Pace Analytical

May 26, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107346
Client Project ID: 980512-01

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on May 13, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634533 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 SUR Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634533 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 SUR Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	100	ug/kg	20	*	05/21/98	SAC	67-64-1		
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634533 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 SUR Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634533 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 SUR Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	110	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	98	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	100	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	**100**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634541 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/19/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/19/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/19/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/19/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/19/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/19/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/19/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/19/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/19/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/19/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634541 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/19/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/19/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/19/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/19/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/19/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/19/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/19/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/19/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/19/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/19/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/19/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/19/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/19/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/19/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/19/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/19/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/19/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/19/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/19/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/19/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/19/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634541 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/19/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/19/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/19/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/19/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/19/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/19/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/19/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/19/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/19/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/19/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/19/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/19/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/19/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/19/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/19/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/19/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/19/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/19/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634541 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 3 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/19/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/19/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	05/19/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	110	%		*	05/19/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/19/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/19/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 05/28/98
PAGE: 10

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634566 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/22/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/22/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/22/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/22/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/22/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/22/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/22/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/22/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/22/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/22/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/22/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/22/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/22/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/22/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/22/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/22/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/22/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10034566 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/22/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/22/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/22/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/22/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/22/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/22/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/22/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/22/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/22/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/22/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/22/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/22/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/22/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/22/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/22/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/22/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/22/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/22/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/22/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/22/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/22/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/22/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/22/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10534555 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/22/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/22/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/22/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/22/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/22/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/22/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/22/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/22/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/22/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/22/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/22/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/22/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/22/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/22/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/22/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/22/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/22/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/22/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/22/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/22/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/22/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/22/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/22/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/22/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634566 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 S Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/22/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/22/98	SAC	75-01 4		U
1,2-Dichloroethane-d4 (S)	112	%		*	05/22/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	98	%		*	05/22/98	SAC	460-00 4		
Dibromofluoromethane (S)	108	%		*	05/22/98	SAC	1868-53-7		
Toluene-d8 (S)	100	%		*	05/22/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10034574 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 10 Date Received: 05/13/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/20/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/20/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/20/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/20/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/20/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/20/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/20/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/20/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/20/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/20/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/20/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/20/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/20/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/20/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/20/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/20/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/20/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634574 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/20/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/20/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/20/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/20/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/20/98	SAC	106-43-4		U
4-Methyl 2 Pentanone	ND	ug/kg	10	*	05/20/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/20/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/20/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/20/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/20/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/20/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/20/98	SAC	75-25-2		U
Bromomethane	6.8	ug/kg	5	*	05/20/98	SAC	74-83-9		
Carbon Disulfide	ND	ug/kg	10	*	05/20/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/20/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/20/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/20/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/20/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/20/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/20/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/20/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/20/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/20/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634574 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/20/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/20/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/20/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/20/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/20/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/20/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/20/98	SAC	7216-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/20/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/20/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/20/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/20/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/20/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/20/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/20/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/20/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/20/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/20/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/20/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/20/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/20/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/20/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/20/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/20/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/20/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634574 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/20/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/20/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	05/20/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	05/20/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/20/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/20/98	SAC	2037-26-5		
Total EPA 8260	6.8								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634582 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 15 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/14/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/14/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/14/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/14/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/14/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/14/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/14/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/14/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/14/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/14/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/14/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/14/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/14/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/14/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/14/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/14/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/14/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634582 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 15 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/14/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/14/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/14/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/14/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/14/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/14/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/14/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/14/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/14/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/14/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/14/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/14/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/14/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/14/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/14/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/14/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/14/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/14/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/14/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/14/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/14/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/14/98	SAC	74-95-3		U
Dichlorodifluoromethane	trace	ug/kg	5	*	05/14/98	SAC	75-71-8	1	J

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634582 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 15 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/14/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/14/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/14/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/14/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/14/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/14/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/14/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/14/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/14/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/14/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/14/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/14/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/14/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/14/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/14/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/14/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/14/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/14/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/14/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/14/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/14/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/14/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/14/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/14/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634582 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 20 2 15 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/14/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/14/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	90	%		*	05/14/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	94	%		*	05/14/98	SAC	460-00-4		
Dibromofluoromethane (S)	118	%		*	05/14/98	SAC	1868-53-7		
Toluene-d8 (S)	96	%		*	05/14/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10834590 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 20 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/14/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/14/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/14/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/14/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/14/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/14/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/14/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/14/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/14/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/14/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/14/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/14/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/14/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/14/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/14/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/14/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/14/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Client Project ID: 980512-01

Pace Sample No.: 10634590 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 20 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/14/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/14/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/14/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/14/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/14/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/14/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/14/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/14/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/14/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/14/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/14/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/14/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/14/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/14/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/14/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/14/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/14/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/14/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/14/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/14/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/14/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/14/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/14/98	SAC	74-95-3		U
Dichlorodifluoromethane	5.2	ug/kg	5	*	05/14/98	SAC	75-71-8		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Client Project ID: 980512-01

Pace Sample No.: 10634590 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 20 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/14/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/14/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/14/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/14/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/14/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/14/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/14/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/14/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/14/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/14/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/14/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/14/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/14/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/14/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/14/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/14/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/14/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/14/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/14/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/14/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/14/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/14/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/14/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/14/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634590 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 25 2 20 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/14/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/14/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	88	%		*	05/14/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	96	%		*	05/14/98	SAC	460-00-4		
Dibromofluoromethane (S)	116	%		*	05/14/98	SAC	1868-53-7		
Toluene-d8 (S)	92	%		*	05/14/98	SAC	2037-26-5		
Total EPA 8260	5.2								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634608 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 25 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/13/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/13/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/13/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/13/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/13/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/13/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/13/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/13/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/13/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/13/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/13/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/13/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/13/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/13/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/13/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/13/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/13/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/13/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/13/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/13/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/13/98	SAC	594-20-7		U
2-Butanone	trace	ug/kg	10	*	05/13/98	SAC	78-93-3	1	J

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634608 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 25 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/13/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/13/98	SAC	95-49-8		U
2-Hexanone	trace	ug/kg	100	*	05/13/98	SAC	591-78-6	1	J
2-Methyl-2-propanol	ND	ug/kg	100	*	05/13/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/13/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/13/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/13/98	SAC	67 64-1		U
Benzene	ND	ug/kg	5	*	05/13/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/13/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/13/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/13/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/13/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/13/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/13/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/13/98	SAC	56 23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/13/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/13/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/13/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/13/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/13/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/13/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/13/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/13/98	SAC	74-95-3		U
Dichlorodifluoromethane	trace	ug/kg	5	*	05/13/98	SAC	75-71-8	1	J

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634608 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 25 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/13/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/13/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/13/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/13/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/13/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/13/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/13/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/13/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/13/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/13/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/13/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/13/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/13/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/13/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/13/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/13/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/13/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/13/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/13/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/13/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/13/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/13/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/13/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/13/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634608 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 25 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/13/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	6	*	05/13/98	SAC	75-01 4		U
1,2-Dichloroethane-d4 (S)	86	%		*	05/13/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	96	%		*	05/13/98	SAC	460-00-4		
Dibromofluoromethane (S)	114	%		*	05/13/98	SAC	1868-53-7		
Toluene-d8 (S)	94	%		*	05/13/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634616 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 30 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/20/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/20/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/20/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/20/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/20/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/20/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/20/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/20/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/20/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/20/98	SAC	96-12-8		U
1,2 Dibromoethane	ND	ug/kg	5	*	05/20/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/20/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/20/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/20/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/20/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/20/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/20/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634616 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 30 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/20/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/20/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/20/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/20/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/20/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/20/98	SAC	108-10-1		U
Acetone	31	ug/kg	20	*	05/20/98	SAC	67-64-1		
Benzene	ND	ug/kg	5	*	05/20/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/20/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/20/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/20/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/20/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/20/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/20/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/20/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/20/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/20/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/20/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/20/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/20/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/20/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/20/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/20/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10034616 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 30 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/20/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/20/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/20/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/20/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/20/98	SAC	108 20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/20/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/20/98	SAC	7816 60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/20/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/20/98	SAC	75 09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/20/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/20/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/20/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/20/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/20/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/20/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/20/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/20/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/20/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/20/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/20/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/20/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/20/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/20/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/20/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634616 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: T 26 2 30 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/20/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/20/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	136	%		*	05/20/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	110	%		*	05/20/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/20/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/20/98	SAC	2037-26-5		
Total EPA 8260	**31**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634624 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 SUR Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/20/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/20/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/20/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/20/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/20/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/20/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/20/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/20/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/20/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/20/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/20/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/20/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/20/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/20/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/20/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/20/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/20/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634624 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 SUR Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/20/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/20/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/20/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/20/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/20/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/20/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/20/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/20/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/20/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/20/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/20/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/20/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/20/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/20/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/20/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/20/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/20/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/20/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/20/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/20/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/20/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/20/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/20/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634624 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 SUR Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/20/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/20/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/20/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/20/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/20/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/20/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/20/98	SAC	7816 60 0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/20/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/20/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/20/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/20/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/20/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/20/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/20/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/20/98	SAC	135 98 8		U
Styrene	ND	ug/kg	5	*	05/20/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/20/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/20/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/20/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/20/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/20/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/20/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/20/98	SAC	79 01 6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/20/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634624 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 SUR Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/20/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/20/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	140	%		*	05/20/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	112	%		*	05/20/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/20/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/20/98	SAC	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634640 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 2 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2 Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634640 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 2 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634640 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 2 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634640 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 2 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	108	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	110	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634665 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95 63 6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634665 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061 01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634665 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634665 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 5 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	114	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	110	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	106	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634673 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 10 Date Received: 05/13/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 1053467 3 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634673 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634673 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 10 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	114	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634681 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 15 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/20/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/20/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/20/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/20/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/20/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/20/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/20/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/20/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/20/98	SAC	95-63 6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/20/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/20/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/20/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/20/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/20/98	SAC	108 67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/20/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/20/98	SAC	594-20-7		U
2 Butanone	ND	ug/kg	10	*	05/20/98	SAC	78-93-3		U

* Indicates MDL not available, n surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634681 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 15 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/20/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/20/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/20/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/20/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/20/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/20/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/20/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/20/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/20/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/20/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/20/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/20/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/20/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/20/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/20/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/20/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/20/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/20/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/20/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/20/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/20/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/20/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/20/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/20/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634681 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 15 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/20/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/20/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/20/98	SAC	100-41 4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/20/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/20/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/20/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/20/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/20/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/20/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/20/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/20/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/20/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/20/98	SAC	95-47-6		U
p-Isopropyttoluene	ND	ug/kg	5	*	05/20/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/20/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/20/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/20/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/20/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/20/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/20/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/20/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/20/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/20/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/20/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634681 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 15 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/20/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/20/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	05/20/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	05/20/98	SAC	460-00-4		
Dibromofluoromethane (S)	102	%		*	05/20/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/20/98	SAC	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634699 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 20 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93 4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78 93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634699 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 20 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634699 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 20 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107346
Client Project ID: 980512-01

Pace Sample No.: 10634699 Date Collected: 05/11/98 Matrix: Soil
Client Sample ID: R3 1 20 Date Received: 05/13/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	112	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	100	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-607-6400
Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107346
Client Project ID: 980312-01

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: ISL	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 820 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: 510 785 1114	P.O. # / Billing Reference: 8G001 SFW		Pace Project No.
Sampled By (PRINT): Hung Dam	Project Name / No.		*Requested Due Date: 5-26-98
Sampler Signature: Hung Dam	Date Sampled: 5/11/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	TPH-D	PCB	VOC 8260	SVOC 8270	REMARKS
1	R23-1-5IR		S		1						X	X		X		
2	R23-1-2		S		1						X	X		X		
3	R23-1-5		S		1						X	X		X		
4	R23-1-10		S		1						X	X		X		
5	R23-1-15		S		1						X	X		X		
6	R23-1-20		S		1						X	X		X		
7	R23-1-25		S		1						X	X		X		RUSH
8	R23-1-30		S		1											Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Hung Dam	5/11/98		Hung Lam / Pace	5-12-98	9:30

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

897

Pace Analytical

Page 4/4 13200A 423419
980512-01

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSE
Address: 520 Wynkoop Ave Hayward CA 94545
Phone: 510 785 1111

Report To: Frank Foss
Bill To:
P.O. # / Billing Reference: 8600157fw
Project Name / No.:

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [x] Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.:
*Requested Due Date: 5-26-98

Sampled By (PRINT): Jim Dixon
Sampler Signature: Jim Dixon
Date Sampled: 5/11/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	CAM 17	TPH-D	BTEX	VOL 8260	SVOL 8270	BTEX	REMARKS
1	RS-2-SIR.		S		1						X	X	X		X	X	
2	RS-2-4		S		1						X	X	X		X	X	
3	RS-2-10		S		1						X	X	X		X	X	
4	RS-2-15		S		1						X	X	X		X	X	
5	RS-2-20		S		1						X	X	X		X	X	
6	RS-2-25		S		1						X	X	X		X	X	RUSH
7	RS-2-30		S		1												Archive
8	RS-2-Z		S		1						X	X	X		X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	Jim Dixon	5/11/98		Hung Lam / Pace	5-12-98	9:30

SAMPLE CONDITION

Temp: ___°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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423421

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 510 W. Winton Ave Hayward CA 94545	Bill To:		Pace Project Manager
Phone: 510 785 1111	P.O. # / Billing Reference: 86001 SAW		Pace Project No.
	Project Name / No.		*Requested Due Date: ~~6-2-98~~ 5-26-98

Sampled By (PRINT): Tim O'Brien

Sampler Signature: Tim O'Brien Date Sampled: 5/11/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	TPH-D	BTEX	PCB	8270	REMARKS
1	T-26-1-SUR		S		1						X	X	X	X	X	
2	T-26-1-5		S		1						X	X	X	X	X	
3	T-26-1-5		S		1						X	X	X	X	X	
4	T-26-1-10		S		1						X	X	X	X	X	
5	T-26-1-15		S		1						X	X	X	X	X	
6	T-26-1-20		S		1						X	X	X	X	X	
7	T-26-1-25		S		1						X	X	X	X	X	RUSH
8	T-26-1-30		S		1											Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	Tim O'Brien	5/11/98		Hunglam/Pace	5/12/98	9:25

SAMPLE CONDITION

Temp: ____°C	Received on Ice: (Y) N	Sealed Cooler: (Y) N	Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

6/97

Pace Analytical

Page 2/4 13200A 980512-01 423420

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: DSI
Address: 1320 W Winton Ave Hayward CA 94545
Phone: 510 785 1111

Report To: Frank Foss
Bill To:
P.O. # / Billing Reference: 36001 SFW
Project Name / No.:

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [x] Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.:
*Requested Due Date: 5-26-98

Sampled By (PRINT): Tim O'Brien
Sampler Signature: Tim O'Brien
Date Sampled: 5/11/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	TPH-D	BTEX	8270	REMARKS
1	T-26-2-SIR		S		1						X	X		X	
2	T-26-3		S		1						X	X		X	
3	T-26-2-5		S		1						X	X		X	
4	T-26-2-10		S		1						X	X		X	
5	T-26-2-15		S		1						X	X		X	
6	T-26-2-20		S		1						X	X		X	
7	T-26-2-25		S		1						X	X		X	
8	T-26-2-30		S		1						X	X		X	Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Tim O'Brien	5/12		Hunglam / Pace	5-12-98	9:30

SAMPLE CONDITION

Temp: °C	Received on Ice: (Y) / N	Sealed Cooler: (Y) N	Samples Intact: (Y) / N

SEE REVERSE SIDE FOR INSTRUCTIONS

a97

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980513-05
PACE ANALYTICAL WO #: 13219A
Client ID #: 8G001 SFW

Date: 6/15/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/12/98 and received on 05/12/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
BTEX (Soil)	2-5
TPH-Speciation (Soil)	6-7
CCR Metals (Soil)	8-13
List of Abbreviations and Definitions	14

In addition the analysis for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by:
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498 9515
Fax: 562 597-0786

Pace Analytical

PACE ANALYTICAL Project#:980513-05
PACE ANALYTICAL WO#:13219A
Client ID#:8G001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	R2-2-35.0	R2-2-40.0	T25-1-S	T25-1-3.0	T25-1-5.0	T25-1-10.0	T25-1-15.0	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:	
a,a,a-Trifluorotoluene	92	98	95	96	93	97	94	59-134

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
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Pace Analytical

PACE ANALYTICAL Project#:980513-05
PACE ANALYTICAL WO#:13219A
Client ID#:0G001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	R2-2-45.0	R2-2-S	R2-2-3.0	R2-2-5.0	R2-2-10.0	R2-2-15.0	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	98	96	92	97	96	95	59-134

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:9905 13-05
PACE ANALYTICAL WO#:13219A
Client ID#:BG001 SI-W

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	RZ-2-20.0	R2-2-25.0	R2-2-30.0	R2-2-50.	R2-2-55.0	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							**Acceptable Range:**
a,a,a-Trifluorotoluene	91	89	93	94	91	100	59-134

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/14/98		05/14/98	05/14/98			
Analyte							
Benzene	94	74-110	93	88	72-115	5.5	0-26
Toluene	96	73-116	94	88	70-114	6.6	0-22
Ethylbenzene	96	75-118	95	86	68-119	9.9	0-24
Total Xylenes	97	78-120	95	86	74-117	9.9	0-22

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Tel: 562 498-9515
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Pace Analytical

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	PRL mg/Kg	DF
Client ID:	Analysis Date			
Method Blank	05/22/98	<10	10	1
R2-2-35	05/22/98	<10	10	1
R2-2-40	05/22/98	<10	10	1
T25-1-S	05/22/98	<10	10	1
T25-1-3	05/22/98	<10	10	1
T25-1-5	05/22/98	<10	10	1
T25-1-15	05/22/98	<10	10	1
R2-1-S	05/22/98	<10	10	1
R2-1-3	05/22/98	<10	10	1
R2-1-5	05/22/98	<10	10	1
R2-1-10	05/22/98	<10	10	1
R2-1-15	05/22/98	<10	10	1
R2-1-20	05/22/98	<10	10	1
R2-2-45	05/22/98	<10	10	1
R2-2-S	05/22/98	<10	10	1
R2-2-3	05/22/98	<10	10	1
R2-2-5	05/22/98	<10	10	1
R2-2-10	05/22/98	<10	10	1
R2-2-15	05/22/98	<10	10	1
R2-2-20	05/22/98	<10	10	1
R2-2-25	05/23/98	<10	10	1
R2-2-30	05/23/98	<10	10	1
R2-2-50	05/23/98	<10	10	1
R2-2-55	05/23/98	<10	10	1

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RC
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/22/98		05/22/98	05/22/98			
TPH-Speciation	103	80-120	100	82	70-130	20	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/23/98		05/23/98	05/23/98			
TPH-Speciation	98	80-120	94	89	70-130	5.5	0-30

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Pace Analytical

PACE ANALYTICAL Project#:980513-05
PACE ANALYTICAL WO#:13219A
Client ID#:BG001 SFW

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	R2-2-35.0	R2-2-40.0	T25-1-S	T25-1-3	T25-1-5	T25-1-10	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	8.8	5.0	6010
Barium (Ba)	300	120	25	160	40	190	10	6010
Beryllium (Be)	0.7	<0.5	<0.5	<0.5	<0.5	0.6	0.5	6010
Cadmium (Cd)	0.8	0.5	0.6	<0.5	<0.5	1.1	0.5	6010
Chromium (Cr)	19	31	29	38	41	27	0.5	6010
Cobalt (Co)	15	11	8.9	11	8.1	15	1.0	6010
Copper (Cu)	26	13	17	11	10	42	2.5	6010
Lead (Pb)	63	18	3.7	4.9	3.8	26	1.0	6010
Mercury (Hg)*	160	86	140	59	54	220	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	34	28	23	29	27	43	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	5.2	<5.0	7.3	<5.0	<5.0	7.5	5.0	6010
Vanadium (V)	20	32	37	37	34	25	0.5	6010
Zinc (Zn)	140	49	31	26	25	99	10	6010
DF	1	1	1	1	1	1		

*Mercury ran on 06/12/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597 0786

Pace Analytical

PACE ANALYTICAL Project#:980513-05
PACE ANALYTICAL WO#:13219A
Client ID#:BG001 SFW

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T25-1-15	R2-1-S	R2-1-3.0	R2-1-5.0	R2-1-10.0	R2-1-15		EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	PRL mg/Kg	Method
Date Analyzed:	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	5.8	10	5.3	5.0	6010
Barium (Ba)	150	140	210	290	84	200	10	6010
Beryllium (Be)	0.6	<0.5	0.7	0.8	0.5	0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.6	0.7	0.7	<0.5	0.5	6010
Chromium (Cr)	24	29	24	25	22	23	0.5	6010
Cobalt (Co)	14	10	18	15	4.6	11	1.0	6010
Copper (Cu)	26	19	35	33	25	32	2.5	6010
Lead (Pb)	8.2	37	22	19	8.4	21	1.0	6010
Mercury (Hg)*	79	76	59	52	87	88	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	48	28	39	41	29	37	1.0	6010
Selenium (Se)	<2.5	<2.5	8.1	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.8	<5.0	<5.0	5.0	6010
Vanadium (V)	22	30	24	26	26	23	0.5	6010
Zinc (Zn)	63	55	85	86	57	77	10	6010
DF	1	1	1	1	1	1		

*Mercury ran on 06/12/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:9805T3-05
PACE ANALYTICAL WO#:13219A
Client ID#:8C001 SHW

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	R2-1-20.0	R2-2-45.0	R2-2-5	R2-2-3.0	R2-2-5.0	R2-2-10.0	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	7.3	<5.0	5.0	6010
Barium (Ba)	50	120	140	280	310	300	10	6010
Beryllium (Be)	0.5	0.5	<0.5	0.7	0.6	0.6	0.5	6010
Cadmium (Cd)	<0.5	0.6	0.7	0.8	0.7	0.5	0.5	6010
Chromium (Cr)	20	63	31	23	20	18	0.5	6010
Cobalt (Co)	5.2	16	8.0	15	16	15	1.0	6010
Copper (Cu)	18	14	42	38	27	25	2.5	6010
Lead (Pb)	8.1	7.3	170	140	250	14	1.0	6010
Mercury (Hg)*	<0.05	180	280	82	<0.05	52	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	18	48	26	40	36	34	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	5.1	<5.0	<5.0	6.0	<5.0	5.0	6010
Vanadium (V)	25	49	28	23	21	19	0.5	6010
Zinc (Zn)	40	58	140	94	110	69	10	6010
DF	1	1	1	1	1	1		

*Mercury run on 06/12/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilmar St.
Long Beach, CA 90815
Tel. 562 498 9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		05/23/98		05/23/98	05/23/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	86	70-130	56**	49**	60-130	12	0-25
Arsenic (As)	6010	86	78-104	82	94	34-135	14	0-15
Barium (Ba)	6010	101	81-117	90	104	55-130	14	0-25
Beryllium (Be)	6010	89	70-130	94	94	70-130	0.0	0-25
Cadmium (Cd)	6010	86	76-104	86	96	73-115	7.7	0-15
Chromium (Cr)	6010	89	81-103	99	115	62-125	15	0-15
Cobalt (Co)	6010	88	70-130	83	102	70-130	21	0-25
Copper (Cu)	6010	88	70-130	87	92	70-140	5.6	0-25
Lead (Pb)	6010	85	76-104	85	89	48-120	4.6	0-30
Mercury (Hg)*	7471	110	76-121	81	83	70-135	2.0	0-30
Molybdenum (Mo)	6010	90	70-130	89	92	70-130	3.3	0-25
Nickel (Ni)	6010	88	70-130	91	106	70-130	15.2	0-25
Selenium (Se)	6010	88	79-102	88	85	42-120	3.5	0-16
Silver (Ag)	6010	95	77-107	93	100	53-115	7.3	0-19
Thallium (Tl)	6010	87	70-130	91	103	70-130	12	0-25
Vanadium (V)	6010	90	70-130	106	114	70-130	10	0-25
Zinc (Zn)	6010	86	70-130	84	89	70-130	5.8	0-25

*Mercury ran on 06/12/98
**Sample matrix effect.

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PACE ANALYTICAL Project#:980513-05
PACE ANALYTICAL WO#:13219A
Client ID#:BG001 SFW

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	R2-2-15.0	R2-2-20.0	R2-2-25.0	R2-2-30.0	R2-2-50.0	R2-2-55.0	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98			
Analyte									
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.2	6.5	7.2	6.0	<5.0	5.8	<5.0	5.0	6010
Barium (Ba)	400	480	190	120	170	310	<10	10	6010
Beryllium (Be)	0.7	<0.5	0.5	<0.5	0.6	0.6	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.9	0.6	0.7	<0.5	0.6	<0.5	0.5	6010
Chromium (Cr)	23	27	23	42	22	21	<0.5	0.5	6010
Cobalt (Co)	22	13	14	8.0	8.2	11	<1.0	1.0	6010
Copper (Cu)	31	180	32	16	20	24	<2.5	2.5	6010
Lead (Pb)	56	660	17	22	17	15	<1.0	1.0	6010
Mercury (Hg)*	52	570	50	130	95	76	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	51	32	41	30	24	31	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	5.6	<5.0	7.3	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	23	22	23	36	26	22	<0.5	0.5	6010
Zinc (Zn)	95	380	83	51	55	65	<10	10	6010
DF	1	1	1	1	1	1	1		

*Mercury ran on 06/12/98.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/23/98		05/23/98	05/23/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	86	70-130	44**	43**	60-130	2.3	0-25
Arsenic (As)	6010	86	78-104	86	85	34-135	2.4	0-15
Barium (Ba)	6010	101	81-117	95	108	55-130	13	0-25
Beryllium (Be)	6010	89	70-130	84	84	70-130	0.0	0-25
Cadmium (Cd)	6010	86	76-104	84	86	73-115	2.4	0-15
Chromium (Cr)	6010	89	81-103	86	86	62-125	0.0	0-15
Cobalt (Co)	6010	88	70-130	82	90	70-130	9.3	0-25
Copper (Cu)	6010	88	70-130	93	92	70-140	1.1	0-25
Lead (Pb)	6010	85	76-104	80	83	48-120	3.7	0-30
Mercury (Hg)*	7471	103	76-121	115	116	70-135	0.0	0-30
Molybdenum (Mo)	6010	90	70-130	80	81	70-130	1.2	0-25
Nickel (Ni)	6010	88	70-130	87	91	70-130	4.5	0-25
Selenium (Se)	6010	88	79-102	81	78	42-120	3.8	0-16
Silver (Ag)	6010	95	77-107	94	91	53-115	3.2	0-19
Thallium (Tl)	6010	87	70-130	77	80	70-130	3.8	0-25
Vanadium (V)	6010	90	70-130	97	86	70-130	1.2	0-25
Zinc (Zn)	6010	86	70-130	91	92	70-130	1.1	0-25

*Mercury ran on 06/12/98.
**Sample matrix effect.

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PACE ANALYTICAL Project#:880513-05
PACE ANALYTICAL WO#:13219A
Client ID#:dG001 SFW

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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May 21, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107370
Client Project ID: 980513-05

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on May 14, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

Enclosures

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Pace Analytical

DATE: 05/29/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107370
Client Project ID: 980513-05

Attn: Mr.RichardVillafania
Phone (562)498-9515

Pace Sample No.: 10657205 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-1-20 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080					Prep Method EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.045	0.0121	05/19/98	SAC1	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.045	*	05/19/98	SAC1	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.045	*	05/19/98	SAC1	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.045	*	05/19/98	SAC1	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.045	*	05/19/98	SAC1	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.045	*	05/19/98	SAC1	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.045	0.1238	05/19/98	SAC1	11096-82-		U
Decachlorobiphenyl (S)	113	%		*	05/19/98	SAC1	2051-24-3		
Tetrachloro-meta-xylene (S)	119	%		*	05/19/98	SAC1	877-09-8		
Date Extracted	05/15/98			*		SAC1			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107370
Client Project ID: 980513-05

Pace Sample No.: 10637247 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-55 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.046	0.0126	05/19/98	SAC1	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.046	*	05/19/98	SAC1	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.046	*	05/19/98	SAC1	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.046	*	05/19/98	SAC1	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.046	*	05/19/98	SAC1	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.046	*	05/19/98	SAC1	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.046	0.1284	05/19/98	SAC1	11096-82-		U
Decachlorobiphenyl (S)	100	%		*	05/19/98	SAC1	2051-24-3		
Tetrachloro-meta-xylene (S)	100	%		*	05/19/98	SAC1	877-09-8		
Date Extracted	05/15/98			*		SAC1			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

ace Project Number: 107370
Client Project ID: 980513-05

Pace Sample No.: 10637247 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-55 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270					Prep Method EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/19/98	SAC1	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/19/98	SAC1	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/19/98	SAC1	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/19/98	SAC1	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/19/98	SAC1	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/19/98	SAC1	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/19/98	SAC1	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/19/98	SAC1	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/19/98	SAC1	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/19/98	SAC1	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/19/98	SAC1	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/19/98	SAC1	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/19/98	SAC1	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/19/98	SAC1	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/19/98	SAC1	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/19/98	SAC1	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/19/98	SAC1	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/19/98	SAC1	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/19/98	SAC1	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/19/98	SAC1	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/19/98	SAC1	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/19/98	SAC1	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107370
Client Project ID: 980513-05

Pace Sample No.: 10637247 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-SS Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.649	05/19/98	SAC1	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/19/98	SAC1	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/19/98	SAC1	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/19/98	SAC1	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/19/98	SAC1	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/19/98	SAC1	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/19/98	SAC1	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/19/98	SAC1	208-96-8		U
Anthracene	ND	ug/kg	330	58.787	05/19/98	SAC1	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/19/98	SAC1	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	56.245	05/19/98	SAC1	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/19/98	SAC1	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/19/98	SAC1	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/19/98	SAC1	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/19/98	SAC1	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/19/98	SAC1	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/19/98	SAC1	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/19/98	SAC1	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/19/98	SAC1	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/19/98	SAC1	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/19/98	SAC1	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/19/98	SAC1	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/19/98	SAC1	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/19/98	SAC1	117 84 0		U

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Pace Project Number: 107370
Client Project ID: 98051.5-05

Pace Sample No.: 10637247 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-55 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/19/98	SAC1	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/19/98	SAC1	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/19/98	SAC1	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.101	05/19/98	SAC1	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/19/98	SAC1	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/19/98	SAC1	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/19/98	SAC1	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/19/98	SAC1	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/19/98	SAC1	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/19/98	SAC1	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/19/98	SAC1	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/19/98	SAC1	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/19/98	SAC1	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/19/98	SAC1	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/19/98	SAC1	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/19/98	SAC1	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/19/98	SAC1	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/19/98	SAC1	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/19/98	SAC1	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/19/98	SAC1	129-00-0		U
2,4,6-Tribromophenol (S)	77	%		*	05/19/98	SAC1	118-79-6		
2-Fluorobiphenyl (S)	76	%		*	05/19/98	SAC1	321-60-8		
2-Fluorophenol (S)	52	%		*	05/19/98	SAC1	367-12-4		
Nitrobenzene-d5 (S)	71	%		*	05/19/98	SAC1	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

ace Project Number: 107370
Client Project ID: 980513-05

Pace Sample No.: 10637247 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-55 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	67	%		*	05/19/98	SAC1	13127-88-		
Terphenyl-d14 (S)	74	%		*	05/19/98	SAC1	1718-51-0		
Date Extracted	05/18/98			*		SAC1			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

ace Project Number: 107370
Client Project ID: 980513-05

Pace Sample No.: 10638575 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-15 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/19/98	SAC1	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/19/98	SAC1	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/19/98	SAC1	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/19/98	SAC1	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/19/98	SAC1	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/19/98	SAC1	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/19/98	SAC1	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/19/98	SAC1	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/19/98	SAC1	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/19/98	SAC1	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/19/98	SAC1	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/19/98	SAC1	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/19/98	SAC1	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/19/98	SAC1	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/19/98	SAC1	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/19/98	SAC1	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/19/98	SAC1	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/19/98	SAC1	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/19/98	SAC1	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/19/98	SAC1	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/19/98	SAC1	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/19/98	SAC1	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

ace Project Number: 107370
Client Project ID: 980513-05

Pace Sample No.: 10638575 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-15 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC - Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.044	0.0121	05/19/98	SAC1	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.044	*	05/19/98	SAC1	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.044	*	05/19/98	SAC1	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.044	*	05/19/98	SAC1	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.044	*	05/19/98	SAC1	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.044	*	05/19/98	SAC1	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.044	0.1238	05/19/98	SAC1	11096-82-		U
Decachlorobiphenyl (S)	94	%		*	05/19/98	SAC1	2051-24-3		
Tetrachloro-meta-xylene (S)	95	%		*	05/19/98	SAC1	877-09-8		
Date Extracted	05/15/98			*		SAC1			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Fax: 612-607-6444

Pace Analytical

ace Project Number: 107370
Client Project ID: 980513-05

Pace Sample No.: 10638575 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-15 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.649	05/19/98	SAC1	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/19/98	SAC1	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/19/98	SAC1	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/19/98	SAC1	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.070	05/19/98	SAC1	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	05/19/98	SAC1	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	05/19/98	SAC1	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/19/98	SAC1	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/19/98	SAC1	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/19/98	SAC1	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/19/98	SAC1	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/19/98	SAC1	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/19/98	SAC1	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/19/98	SAC1	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/19/98	SAC1	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/19/98	SAC1	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/19/98	SAC1	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/19/98	SAC1	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/19/98	SAC1	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/19/98	SAC1	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/19/98	SAC1	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/19/98	SAC1	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/19/98	SAC1	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/19/98	SAC1	117-84-0		U

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Pace Analytical

ace Project Number: 107370
Client Project ID: 980513-05

Pace Sample No.: 10638575 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-15 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/19/98	SAC1	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/19/98	SAC1	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/19/98	SAC1	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/19/98	SAC1	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/19/98	SAC1	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/19/98	SAC1	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/19/98	SAC1	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/19/98	SAC1	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/19/98	SAC1	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/19/98	SAC1	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/19/98	SAC1	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/19/98	SAC1	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/19/98	SAC1	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/19/98	SAC1	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/19/98	SAC1	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/19/98	SAC1	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/19/98	SAC1	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/19/98	SAC1	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/19/98	SAC1	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/19/98	SAC1	129-00-0		U
2,4,6-Tribromophenol (S)	39	%		*	05/19/98	SAC1	118-79-6		
2-Fluorobiphenyl (S)	47	%		*	05/19/98	SAC1	321-60-8		
2-Fluorophenol (S)	35	%		*	05/19/98	SAC1	367-12-4		
Nitrobenzene-d5 (S)	47	%		*	05/19/98	SAC1	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

ace Project Number: 107370
Client Project ID: 980513-05

Pace Sample No.: 10638575 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-15 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	43	%		*	05/19/98	SAC1	13127-88-		
Terphenyl-d14 (S)	44	%		*	05/19/98	SAC1	1718-51-0		
Date Extracted	05/18/98			*		SAC1			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-607-6400
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Pace Analytical

ace Project Number: 107370
Client Project ID: 980513-05

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

May 28, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021685
Client Project ID: 980513-05

Dear :

Enclosed are the results of analyses for sample(s) received on May 15, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021685
Client Project ID: 980513-05

Pace Sample No.: 6018/6220
Client Sample ID: R2-1-20 0
Date Collected: 05/12/98
Date Received: 05/15/98
Matrix: Soil

GC/MS -- VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/22/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/22/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0 4	05/22/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/22/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/22/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/22/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/22/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1 21	05/22/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/22/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/22/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/22/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/22/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/22/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/22/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/22/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/22/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/22/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0 29	05/22/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0 5	05/22/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/22/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/22/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/22/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1 93	05/22/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/22/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/22/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/22/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2 38	05/22/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/22/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.60	05/22/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/22/98	GPO	108-86-1		U

Pace Project Number: 6021685
Client Project ID: 980513-05

Pace Sample No.: 601876220 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-1-20 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/22/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/22/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/22/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/22/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/22/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/22/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/22/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/22/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/22/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/22/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/22/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/22/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/22/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/22/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/22/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/22/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/22/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/22/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/22/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/22/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/22/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/22/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/22/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/22/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/22/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/22/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/22/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/22/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/22/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/22/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/22/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/22/98	GPO	994-05-8		U

Pace Project Number: 9021695
Client Project ID: 980513-05

Pace Sample No.: 601876220 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-1-20.0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/22/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/22/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/22/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/22/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/22/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/22/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/22/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/22/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/22/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/22/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	92	%		1.82	05/22/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	82	%		1.01	05/22/98	GPO	460-00-4		
Dibromofluoromethane (S)	93	%		1.81	05/22/98	GPO	1868-53-7		
Toluene-d8 (S)	104	%		1.48	05/22/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021685
Client Project ID: 980513-05

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected

Pace Analytical Services, Inc.
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Lenexa, KS 66219
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Pace Analytical

May 28, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021686
Client Project ID: 980513-05

Dear :

Enclosed are the results of analyses for sample(s) received on May 14, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021086
Client Project ID: 980513-05

Pace Sample No.: 601876238 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-1-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/22/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/22/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/22/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/22/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/22/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/22/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/22/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/22/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/22/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/22/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/22/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/22/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/22/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/22/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/22/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/22/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/22/98	GPO	108 67 8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/22/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/22/98	GPO	142 28 9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/22/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/22/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/22/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.03	05/22/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/22/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/22/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/22/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/22/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/22/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/22/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/22/98	GPO	108-86-1		U

Pace Project Number: 6021686
Client Project ID: 980513-05

Pace Sample No.: 601876238 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-1-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/22/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/22/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/22/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/22/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/22/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/22/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/22/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/22/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/22/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/22/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/22/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/22/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/22/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/22/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/22/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/22/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/22/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/22/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/22/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/22/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/22/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/22/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/22/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/22/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/22/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/22/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/22/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/22/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/22/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/22/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/22/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/22/98	GPO	994-05-8		U

Pace Project Number: 6021686
Client Project ID: 980513-05

Pace Sample No.: 6018/6238
Client Sample ID: R2-1-S

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/22/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/22/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/22/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/22/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/22/98	GPO	156-60 5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/22/98	GPO	10061-02 6		U
Trichloroethene	ND	ug/kg	5	0.5	05/22/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0 72	05/22/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/22/98	GPO	108-05 4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/22/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	84	%		1.82	05/22/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	96	%		1.01	05/22/98	GPO	460-00-4		
Dibromofluoromethane (S)	99	%		1.81	05/22/98	GPO	1868-53-7		
Toluene-d8 (S)	120	%		1.48	05/22/98	GPO	2037-26-5	1	

Total EPA 8260 ND

Pace Project Number: 6021686
Client Project ID: 980513-05

Pace Sample No.: 601876246 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-1-3 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/26/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/26/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/26/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/26/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/26/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/26/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/26/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/26/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/26/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/26/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/26/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/26/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/26/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/26/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/26/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/26/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/26/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/26/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/26/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/26/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/26/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/26/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/26/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/26/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/26/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/26/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/26/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/26/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/26/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/26/98	GPO	108-86-1		U

Pace Project Number: 6021686
Client Project ID: 980513-05

Pace Sample No.: 601876246 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-1-3 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/26/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/26/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/26/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/26/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/26/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/26/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/26/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/26/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/26/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/26/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/26/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/26/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/26/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/26/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/26/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/26/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/26/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/26/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/26/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/26/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/26/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/26/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/26/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/26/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/26/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/26/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/26/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/26/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/26/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/26/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/26/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/26/98	GPO	994-05-8		U

Pace Project Number: 6021686
Client Project ID: 980513-05

Pace Sample No.: 601876246
Client Sample ID: R2-1-3 0

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/26/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/26/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/26/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/26/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.62	05/26/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/26/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/26/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/26/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/26/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/26/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	81	%		1.82	05/26/98	GPO	17060-07-0		
4 Bromofluorobenzene (S)	84	%		1.01	05/26/98	GPO	460-00-4		
Dibromofluoromethane (S)	102	%		1.81	05/26/98	GPO	1868-53-7		
Toluene-d8 (S)	104	%		1.48	05/26/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021686
Client Project ID: 980513-05

Pace Sample No.: 601876253
Client Sample ID: R2-1-5 0
Date Collected: 05/12/98
Date Received: 05/14/98
Matrix: Soil

GC/MS -- VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/26/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/26/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/26/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/26/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/26/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/26/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/26/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/26/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/26/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/26/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/26/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/26/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/26/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/26/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/26/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/26/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/26/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/26/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/26/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/26/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/26/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/26/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/26/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/26/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/26/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/26/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/26/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/26/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/26/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/26/98	GPO	108-86-1		U

Pace Project Number: 6021686
Client Project ID: 980513-05

Pace Sample No.: 601876253
Client Sample ID: R2-1-5 0
Date Collected: 05/12/98
Date Received: 05/14/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/26/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/26/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/26/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/26/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/26/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/26/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/26/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/26/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/26/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/26/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/26/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/26/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/26/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/26/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/26/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/26/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/26/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/26/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/26/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/26/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/26/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/26/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/26/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/26/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/26/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/26/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/26/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/26/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/26/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/26/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/26/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/26/98	GPO	994-05-8		U

Pace Project Number: 6021686
Client Project ID: 980513-05

Pace Sample No.: 601870253
Client Sample ID: R2-1-5 0

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/26/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/26/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/26/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/26/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/26/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/26/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/26/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/26/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/26/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/26/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	93	%		1.82	05/26/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	87	%		1.01	05/26/98	GPO	460-00-4		
Dibromofluoromethane (S)	99	%		1.81	05/26/98	GPO	1868-53-7		
Toluene d8 (S)	105	%		1.49	05/26/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021686
Client Project ID: 980513-05

Pace Sample No.: 601876261
Client Sample ID: R2-1-10 0

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2 Tetrachloroethane	ND	ug/kg	5	0.44	05/26/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/26/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/26/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/26/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/26/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/26/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/26/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/26/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/26/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/26/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/26/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/26/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/26/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/26/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/26/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/26/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/26/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/26/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/26/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/26/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/26/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/26/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/26/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/26/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/26/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/26/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/26/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/26/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/26/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/26/98	GPO	108-86-1		U

Pace Project Number: 6021686
Client Project ID: 980513-05

Pace Sample No.: 601876261
Client Sample ID: R2-1-10 0

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/26/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/26/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/26/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/26/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/26/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/26/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/26/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/26/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/26/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/26/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/26/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/26/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/26/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/26/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/26/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/26/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/26/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/26/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/26/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/26/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/26/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/26/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/26/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/26/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/26/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/26/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/26/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/26/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/26/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/26/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/26/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/26/98	GPO	994-05-8		U

Pace Project Number: 6021686
Client Project ID: 980513-05

Pace Sample No.: 601876261
Client Sample ID: R2-1-10 0

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
tert butyl Alcohol(TBA)	ND	ug/kg	100		05/26/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/26/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/26/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/26/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/26/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/26/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/26/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/26/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/26/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/26/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	83	%		1.82	05/20/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	93	%		1.01	05/26/98	GPO	460-00-4		
Dibromofluoromethane (S)	103	%		1.81	05/26/98	GPO	1868-53-7		
Toluene-d8 (S)	117	%		1.48	05/26/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021686
Client Project ID: 980513-05

Pace Sample No.: 601876279 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-1-15 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/26/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/26/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/26/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/26/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/26/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/26/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/26/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/26/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/26/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/26/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/26/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/26/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/26/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/26/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/26/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/26/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/26/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/26/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/26/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/26/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/26/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/26/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/26/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/26/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/26/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/26/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/26/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/26/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/26/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/26/98	GPO	108-86-1		U

Pace Project Number: 6021686
Client Project ID: 980513-05

Pace Sample No.: 601876279
Client Sample ID: R2-1-15 0
Date Collected: 05/12/98
Date Received: 05/14/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/26/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/26/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/26/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/26/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/26/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/26/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/26/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/26/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/26/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/26/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/26/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/26/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/26/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/26/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/26/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/26/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/26/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/26/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/26/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/26/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/26/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/26/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/26/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/26/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/26/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/26/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/26/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/26/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/26/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/26/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/26/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/26/98	GPO	994-05-8		U

Pace Project Number: 6021696
Client Project ID: 980513-05

Pace Sample No.: 60187627-9
Client Sample ID: R2-1-15.0
Date Collected: 05/12/98
Date Received: 05/14/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/26/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/26/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.67	05/26/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/26/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/26/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/26/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/26/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/26/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/26/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/26/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	86	%		1.82	05/26/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	89	%		1.01	05/26/98	GPO	460-00-4		
Dibromofluoromethane (S)	102	%		1.81	05/26/98	GPO	1868-53-7		
Toluene-d8 (S)	106	%		1.48	05/26/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021686
Client Project ID: 980513-05

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	The Surrogate recovery value exceeded the established laboratory control limit value(117%).

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597 0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980513-04
PACE ANALYTICAL WO #: 13219A
Client ID #: 575-8G001

Date: 6/12/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/12/98 and received on 05/12/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TPH-Speciation (Soil)	2-3
BTEX (Soil)	4-5
CCR Metals (Soil)	6-10
List of Abbreviations and Definitions	11

In addition the analysis for 8080, 8260 & 8270 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

This report shall not be reproduced, except in full.

Advanced Technology Laboratories

ELAP No.: 1858

May 28, 1998

Pace Analytical
3970 E. Gaiman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: 980513.04
Lab No.: 26236-001/004

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the Client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1310 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical Service
Attn: Mr. Richard Villafana

Client's Project: 980513-04

Date Received: 05/22/98
Date Sampled: N/A

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix Units	MDL	DLR	Analyst
26236-001	T15-1-3.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26236-002	T25-1-15.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26236-003	R2-1-20.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26236-004	R2-2-55.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: Cheryl de los Reyes
Cheryl De Los Reyes
Department Supervisor

Date: 5/27/98

*The cover letter is an integral part of this analytical report

Advanced Technology
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Spike Recovery and RPD Summary Report

Method: EPA7471
Analyst: CDR-DJ
Data File: 805.27-3
QA File: 8148-3

Date Analyzed: 05-27-98
Date Digested: 05-27-98
Sample ID: see below
Matrix: soil

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPK CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
26354-010	mg/kg	0.50	0.51	102	ND	ND	ND	0	0.83	0.96	0.88	116	106	63-139	9	30	0.10
26355-004	mg/kg	0.50	0.49	98	ND	ND	ND	0	0.85	0.85	0.91	100	110	63-139	9	30	0.10
26356-004	mg/kg	0.50	0.44	88	ND	ND	ND	0	0.83	0.86	0.89	104	107	63-139	3	30	0.10

Approved by: Cheryl De Los Reyes
Inorganics Supervisor

Date: 5/27/98

Advanced Technology Laboratories

Pace Analytical

site #TL

423634

CHAIN-OF-CUSTODY RECORD
Analytical Request

Pace Analytical
3940 Gilman
Long Beach, CA 90815
562-498-9515

Report To: Richard V.
Bill To:
P.O. # / Billing Reference
Project Name / No.

Turn around Time
- [ ] 24 Hours
- [x] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No. 980513-04
*Requested Due Date:

Sampled By (PRINT):
Sampler Signature
Date Sampled

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Hg	REMARKS
1	TL5-1-3.0		SOIL								X	
2	TL5-1-15.0										X	
3	TL2-1-20.0										X	
4	TL2-2-55.0										X	
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
		5/22/98		Diane Kalvan/PACE	5-22-98	1738

SAMPLE CONDITION

Temp: ___ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

F-97

Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street Suite 200
Minneapolis, MN 55414
Tel: 612 607-6400
Fax: 612-607-6444

May 28, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 10737Z
Client Project ID: 980513-05

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on May 14, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full.

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

DATE: 05/29/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107372
Client Project ID: 980513-05

Attn: Mr.RichardVillafania
Phone (562)498-9515

Pace Sample No.: 10637379 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-35 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC -- Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.059	0.0160	05/26/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.059	*	05/26/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.059	*	05/26/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.059	*	05/26/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.059	*	05/26/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.059	*	05/26/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.059	0.1633	05/26/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	85	%		*	05/26/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	94	%		*	05/26/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617 6400
Fax: 612-617-6444

Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637379 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-35 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/22/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/22/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/22/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/22/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/22/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/22/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/22/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/22/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/22/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/22/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/22/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/22/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/22/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/22/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/22/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/22/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/22/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/22/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/22/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/22/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/22/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/22/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services Inc

Pace Analytical Services, Inc
1700 Elm Street Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637379 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-35 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.649	05/22/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/22/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/22/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/22/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/22/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/22/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/22/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/22/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/22/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/22/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/22/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/22/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/22/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/22/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/22/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/22/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/22/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/22/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/22/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/22/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/22/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/22/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/22/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/22/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street Suite 200
Minneapolis, MN 55414
Tel: 612 607-6400
Fax: 612-607-6444

May 28, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 10737Z
Client Project ID: 980513-05

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on May 14, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc
1700 Elm Street Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637379 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-35 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.649	05/22/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/22/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/22/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/22/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/22/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/22/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/22/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/22/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/22/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/22/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/22/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/22/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/22/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/22/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/22/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/22/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/22/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/22/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/22/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/22/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/22/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/22/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/22/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/22/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612 617-6444

Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637379 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-35 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenzo(a,h)anthracene	ND	ug/kg	330	37.968	05/22/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/22/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/22/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/22/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/22/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/22/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/22/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/22/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/22/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/22/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/22/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/22/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/22/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/22/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/22/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/22/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/22/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/22/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/22/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/22/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	62	%		*	05/22/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	66	%		*	05/22/98	SAC	321-60-8		
2-Fluorophenol (S)	62	%		*	05/22/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	62	%		*	05/22/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637379 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-35 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	60	%		*	05/22/98	SAC	13127-88-		
Terphenyl-d14 (S)	87	%		*	05/22/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637387 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-40 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC - Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.037	0.0100	05/26/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.037	*	05/26/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.037	*	05/26/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.037	*	05/26/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.037	*	05/26/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.037	*	05/26/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.037	0.1027	05/26/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	86	%		*	05/26/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	94	%		*	05/26/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637387 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-40 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/22/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/22/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/22/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/22/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/22/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/22/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/22/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/22/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/22/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/22/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/22/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/22/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/22/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/22/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/22/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/22/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/22/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/22/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/22/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/22/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/22/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/22/98	SAC	59-50-7		U

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Client Project ID: 980513-05

Pace Sample No.: 10637387 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-40 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.649	05/22/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/22/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/22/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/22/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/22/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/22/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/22/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/22/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/22/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/22/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/22/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/22/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/22/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/22/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/22/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/22/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/22/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/22/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/22/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/22/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/22/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/22/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/22/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/22/98	SAC	117-84-0		U

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Client Project ID: 980513-05

Pace Sample No.: 10637387 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-40 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/22/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/22/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/22/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/22/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/22/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	30.123	05/22/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/22/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/22/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/22/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/22/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/22/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/22/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.745	05/22/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/22/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/22/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/22/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/22/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/22/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/22/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/22/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	66	%		*	05/22/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	89	%		*	05/22/98	SAC	321-60-8	1	
2-Fluorophenol (S)	37	%		*	05/22/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	73	%		*	05/22/98	SAC	4165-60-0	1	

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637387 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-40 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	58	%		*	05/22/98	SAC	13127-88-		
Terphenyl-d14 (S)	72	%		*	05/22/98	SAC	1718-51-0	1	
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	ND								

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637429 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-1-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC -- Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.039	0.0106	05/26/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.039	*	05/26/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.039	*	05/26/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.039	*	05/26/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.039	*	05/26/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.039	*	05/26/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.039	0.1082	05/26/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	95	%		*	05/26/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	93	%		*	05/26/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637437 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-1-3 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/26/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/26/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/26/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/26/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/26/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/26/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/26/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	92	%		*	05/26/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	97	%		*	05/26/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637445 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-1-5 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.045	0.0123	05/26/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.045	*	05/26/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.045	*	05/26/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.045	*	05/26/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.045	*	05/26/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.045	*	05/26/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.045	0.1257	05/26/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	90	%		*	05/26/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	92	%		*	05/26/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

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Client Project ID: 980513-05

Pace Sample No.: 10637052 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-1-10 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.037	0.0099	05/26/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.037	*	05/26/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.037	*	05/26/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.037	*	05/26/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.037	*	05/26/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.037	*	05/26/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.037	0.1018	05/26/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	84	%		*	05/26/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	89	%		*	05/26/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637494 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-1-15 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC - Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.034	0.0092	05/26/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.034	*	05/26/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.034	*	05/26/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.034	*	05/26/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.034	*	05/26/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.034	*	05/26/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.034	0.0945	05/26/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	86	%		*	05/26/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	94	%		*	05/26/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637502 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-45 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
CC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.042	0.0116	05/26/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.042	*	05/26/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.042	*	05/26/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.042	*	05/26/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.042	*	05/26/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.042	*	05/26/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.042	0.1183	05/26/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	90	%		*	05/26/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	97	%		*	05/26/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

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ace Project Number: 107572
Client Project ID: 980513-05

Pace Sample No.: 10637502 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-45 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/22/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/22/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/22/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/22/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/22/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/22/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/22/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/22/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/22/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/22/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/22/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/22/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/22/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/22/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/22/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/22/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/22/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/22/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/22/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/22/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/22/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/22/98	SAC	59-50-7		U

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637502 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-45 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.649	05/22/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/22/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/22/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/22/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/22/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/22/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/22/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/22/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/22/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/22/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/22/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/22/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/22/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/22/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/22/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/22/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/22/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/22/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/22/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/22/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	06.138	05/22/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/22/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/22/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/22/98	SAC	117-84-0		U

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Client Project ID: 980515-05

Pace Sample No.: 10637502 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-45 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/22/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.684	05/22/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/22/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/22/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/22/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/22/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/22/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/22/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/22/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/22/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/22/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/22/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/22/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/22/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/22/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/22/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/22/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/22/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/22/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/22/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	55	%		*	05/22/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	68	%		*	05/22/98	SAC	321-60-8		
2-Fluorophenol (S)	31	%		*	05/22/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	58	%		*	05/22/98	SAC	4165-60-0		

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Client Project ID: 980513-05

Pace Sample No.: 10637502 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-45 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	52	%		*	05/22/98	SAC	13127-88-		
Terphenyl-d14 (S)	60	%		*	05/22/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	ND								

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DATE: 05/29/98
PAGE: 21

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637528 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.052	0.0140	05/26/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.052	*	05/26/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.052	*	05/26/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.052	*	05/26/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.052	*	05/26/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.052	*	05/26/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.052	0.1431	05/26/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	90	%		*	05/26/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	94	%		*	05/26/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

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Client Project ID: 980513-05

Pace Sample No.: 10637528 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.182	05/22/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	39.738	05/22/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.248	05/22/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	26.753	05/22/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	53.938	05/22/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.169	05/22/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.563	05/22/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	163.65	05/22/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.048	05/22/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.052	05/22/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	36.853	05/22/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.115	05/22/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.237	05/22/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.346	05/22/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	93.602	05/22/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.491	05/22/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	31.747	05/22/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	23.857	05/22/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.268	05/22/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.316	05/22/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	46.631	05/22/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	38.808	05/22/98	SAC	59-50-7		U

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Client Project ID: 980513-05

Pace Sample No.: 10637528 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.372	05/22/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.685	05/22/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	89.177	05/22/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	40.835	05/22/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.681	05/22/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	28.887	05/22/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.693	05/22/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.480	05/22/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.399	05/22/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.432	05/22/98	SAC	56-55-3	2	J
Benzo(a)pyrene	trace	ug/kg	330	35.883	05/22/98	SAC	50-32-8	2	J
Benzo(b)fluoranthene	trace	ug/kg	330	70.983	05/22/98	SAC	205-99-2	2	J
Benzo(g,h,i)perylene	ND	ug/kg	330	38.426	05/22/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	49.594	05/22/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	262.34	05/22/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	72.517	05/22/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.470	05/22/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.294	05/22/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.257	05/22/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	59.946	05/22/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	85.277	05/22/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	48.784	05/22/98	SAC	218-01-9	2	J
Di-n-butylphthalate	ND	ug/kg	330	62.921	05/22/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	90.177	05/22/98	SAC	117-84-0		U

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Client Project ID: 980513.05

Pace Sample No.: 10637528 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-5 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenzia,hianthracene	ND	ug/kg	330	37.588	05/22/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.565	05/22/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.037	05/22/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	28.813	05/22/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	330	40.252	05/22/98	SAC	206-44-0	2	J
Fluorene	ND	ug/kg	330	38.732	05/22/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.261	05/22/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.166	05/22/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	86.666	05/22/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.337	05/22/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.539	05/22/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	28.857	05/22/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.366	05/22/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	48.809	05/22/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	25.883	05/22/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	32.914	05/22/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	47.546	05/22/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.068	05/22/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	48.651	05/22/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	33.991	05/22/98	SAC	129-00-0	2	J
2,4,6-Tribromophenol (S)	75	%		*	05/22/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	89	%		*	05/22/98	SAC	321-60-8		
2-Fluorophenol (S)	40	%		*	05/22/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	68	%		*	05/22/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637528 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	62	%		*	05/27/98	SAC	13127-88-		
Terphenyl-d14 (S)	72	%		*	05/22/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637536 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-3 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC - Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.046	0.0125	05/26/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.046	*	05/26/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.046	*	05/26/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.046	*	05/26/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.046	*	05/26/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.046	*	05/26/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.046	0.1275	05/26/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	91	%		*	05/26/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	95	%		*	05/26/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

ace Project Number: 10/372
Client Project ID: 980513-05

Pace Sample No.: 10637536 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-3 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/22/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/22/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/22/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/22/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/22/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/22/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/22/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/22/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/22/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/22/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/22/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/22/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/22/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/22/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/22/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/22/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/22/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/22/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/22/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/22/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/22/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/22/98	SAC	59-50-7		U

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637536 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-3 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.649	05/22/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/22/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/22/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/22/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/22/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/22/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/22/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/22/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/22/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/22/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/22/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/22/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/22/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/22/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/22/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/22/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/22/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/22/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/22/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/22/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/22/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/22/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/22/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/22/98	SAC	117-84-0		U

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637536 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-3 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/22/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/22/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/22/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/22/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/22/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/22/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/22/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/22/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/22/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/22/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/22/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/22/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/22/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/22/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/22/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/22/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/22/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/22/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/22/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/22/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	58	%		*	05/22/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	69	%		*	05/22/98	SAC	321-60-8		
2-Fluorophenol (S)	28	%		*	05/22/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	55	%		*	05/22/98	SAC	4165-60-0		

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637536 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-3 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	48	%		*	05/22/98	SAC	13127-88-		
Terphenyl-d14 (S)	61	%		*	05/22/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107572
Client Project ID: 980513-05

Pace Sample No.: 1063744 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-5 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.054	0.0147	05/26/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.054	*	05/26/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.054	*	05/26/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.054	*	05/26/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.054	*	05/26/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.054	*	05/26/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.054	0.1504	05/26/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	90	%		*	05/26/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	93	%		*	05/26/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 05/29/98
PAGE: 32

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637544 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: B2-2-5 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/22/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/22/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/22/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/22/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/22/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/22/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/22/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/22/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/22/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/22/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/22/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/22/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/22/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/22/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/22/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/22/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/22/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/22/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/22/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/22/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/22/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/22/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637544 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.649	05/22/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/22/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/22/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/22/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/22/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	05/22/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	05/22/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/22/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/22/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/22/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/22/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/22/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/22/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/22/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/22/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/22/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/22/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/22/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/22/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/22/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/22/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/22/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/22/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/22/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637544 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-5 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/22/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/22/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	50.341	05/22/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/22/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/22/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/22/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/22/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/22/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/22/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/22/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/22/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/22/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/22/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	40.302	05/22/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/22/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	53.247	05/22/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/22/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/22/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/22/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/22/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	62	%		*	05/22/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	70	%		*	05/22/98	SAC	321-60-8		
2-Fluorophenol (S)	35	%		*	05/22/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	58	%		*	05/22/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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aco Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637544 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-5 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	29	%		*	05/22/98	SAC	13127-88-		
Terphenyl-d14 (S)	59	%		*	05/22/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	ND								

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637551 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-10 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
CC - Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.05	0.0137	05/26/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.05	*	05/26/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.05	*	05/26/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.05	*	05/26/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.05	*	05/26/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.05	*	05/26/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.05	0.1404	05/26/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	89	%		*	05/26/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	96	%		*	05/26/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637551 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-10 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	55.406	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/21/98	SAC	59-50-7		U

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637551 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-10 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.649	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/21/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/21/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/21/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/21/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/21/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/21/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/21/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/21/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/21/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/21/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/21/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/21/98	SAC	117-84-0		U

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DATE: 05/29/98
PAGE: 39

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637551
Client Sample ID: R2-2-10

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.541	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/21/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/21/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/21/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	59	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	80	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	34	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	66	%		*	05/21/98	SAC	4165-60-0		

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637551 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: R2-2-10 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	61	%		*	05/21/98	SAC	13127-88-		
Terphenyl-d14 (S)	71	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	ND								

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637569 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-15 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
CC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.039	0.0105	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.039	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.039	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.039	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.039	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.039	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.039	0.1073	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	88	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	92	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637569 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-15 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.182	05/22/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	39.738	05/22/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.248	05/22/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	26.753	05/22/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	53.938	05/22/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.169	05/22/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.563	05/22/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	163.65	05/22/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.048	05/22/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.052	05/22/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	36.853	05/22/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.115	05/22/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.237	05/22/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.346	05/22/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	93.602	05/22/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.491	05/22/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	31.747	05/22/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	650	25.857	05/22/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.268	05/22/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.316	05/22/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	46.631	05/22/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	650	38.808	05/22/98	SAC	59-50-7		U

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Pace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637569 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-15 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	650	27.372	05/22/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.685	05/22/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	89.177	05/22/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	40.835	05/22/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.681	05/22/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	28.887	05/22/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.693	05/22/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.480	05/22/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.399	05/22/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.432	05/22/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	35.883	05/22/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	70.983	05/22/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.426	05/22/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	49.594	05/22/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	262.34	05/22/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	650	72.517	05/22/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.470	05/22/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.294	05/22/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.257	05/22/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	59.946	05/22/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	85.277	05/22/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	48.784	05/22/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	62.921	05/22/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	90.177	05/22/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637569 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-15 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	330	57.588	05/22/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.565	05/22/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.037	05/22/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	28.813	05/22/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.252	05/22/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	38.737	05/22/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.261	05/22/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.166	05/22/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	86.666	05/22/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.337	05/22/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.539	05/22/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	29.857	05/22/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.366	05/22/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	48.809	05/22/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	25.883	05/22/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	32.914	05/22/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	47.546	05/22/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.068	05/22/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	48.651	05/22/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	33.991	05/22/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	70	%		*	05/22/98	SAC	118-79-6	1	
2-Fluorobiphenyl (S)	22	%		*	05/22/98	SAC	321-60-8	1	
2-Fluorophenol (S)	20	%		*	05/22/98	SAC	367-12-4	1	
Nitrobenzene-d5 (S)	20	%		*	05/22/98	SAC	4165-60-0	1,3	

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637569 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-15 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	18	%		*	05/22/98	SAC	13127-88-	1	
Terphenyl-d14 (S)	26	%		*	05/22/98	SAC	1718-51-0	1	
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	ND								

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DATE: 05/29/98
PAGE: 46

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637577 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-20 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC - Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.039	0.0105	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.039	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.039	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.039	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.039	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.039	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.039	0.1073	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	88	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	89	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637577 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-20 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/22/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/22/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/22/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/22/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/22/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/22/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/22/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/22/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/22/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/22/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/22/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/22/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/22/98	SAC	95-57-8		U
2-Methylnaphthalene	trace	ug/kg	330	26.613	05/22/98	SAC	91-57-6	2	J
2-Methylphenol	ND	ug/kg	330	94.548	05/22/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/22/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	52.068	05/22/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/22/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/22/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/22/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/22/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/22/98	SAC	59-50-7		U

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Client Project ID: 980513-05

Pace Sample No.: 10637577 Date Collected: 05/12/90 Matrix: Soil
Client Sample ID: R2-2-20 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.649	05/22/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/22/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/22/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/22/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/22/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/22/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/22/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/22/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/22/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/22/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/22/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/22/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/22/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/22/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/22/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/22/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/22/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/22/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/22/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/22/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/22/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/22/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/22/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/22/98	SAC	117-84-0		U

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637577 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-20 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenzia,hianthracene	ND	ug/kg	330	37.968	05/22/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/22/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/22/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/22/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/22/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/22/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/22/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.901	05/22/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/22/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/22/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/22/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/22/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/22/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/22/98	SAC	86-30-6		U
Naphthalene	trace	ug/kg	330	26.144	05/22/98	SAC	91-20-3	2	J
Nitrobenzene	ND	ug/kg	330	33.247	05/22/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/22/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/22/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/22/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/22/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	95	%		*	05/22/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	74	%		*	05/22/98	SAC	321-60-8		
2-Fluorophenol (S)	70	%		*	05/22/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	70	%		*	05/22/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637577 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-20 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	65	%		*	05/22/98	SAC	13127-88-		
Terphenyl-d14 (S)	111	%		*	05/22/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637585 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-25 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.034	0.0093	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.034	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.034	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.034	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.034	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.034	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.034	0.0954	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	87	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	88	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637585 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-25 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	390	31.472	05/26/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	390	47.766	05/26/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	390	37.561	05/26/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	390	32.158	05/26/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	390	64.835	05/26/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	390	62.709	05/26/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	390	51.161	05/26/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	390	196.72	05/26/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1900	54.148	05/26/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	390	42.133	05/26/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	390	44.298	05/26/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	390	38.603	05/26/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	390	51.972	05/26/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	390	31.669	05/26/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	390	112.51	05/26/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1900	45.065	05/26/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	390	38.161	05/26/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	780	28.677	05/26/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1900	39.989	05/26/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1900	42.451	05/26/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	390	56.051	05/26/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	780	46.648	05/26/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 1063785 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-25 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	780	32.902	05/26/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	390	21.257	05/26/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	390	107.19	05/26/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1900	49.084	05/26/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1900	34.475	05/26/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	390	34.723	05/26/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	390	35.691	05/26/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	390	42.648	05/26/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	390	46.156	05/26/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	390	47.398	05/26/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	390	43.132	05/26/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	390	85.323	05/26/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	390	46.189	05/26/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	390	59.613	05/26/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1900	315.33	05/26/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	780	87.167	05/26/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	390	34.221	05/26/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	390	34.009	05/26/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	390	51.996	05/26/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	390	72.057	05/26/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	390	102.50	05/26/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	390	58.639	05/26/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	390	75.632	05/26/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	390	108.39	05/26/98	SAC	117-84-0		U

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Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637585 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-25 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	390	45.182	05/26/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	390	37.942	05/26/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	390	36.106	05/26/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	390	34.634	05/26/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	390	48.384	05/26/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	390	46.557	05/26/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	390	49.597	05/26/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	390	39.866	05/26/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	390	104.17	05/26/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	390	35.264	05/26/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	390	47.526	05/26/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	390	35.888	05/26/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	390	44.915	05/26/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	390	58.670	05/26/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	390	31.112	05/26/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	390	39.564	05/26/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1900	57.152	05/26/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	390	46.961	05/26/98	SAC	85-01-8		U
Phenol	ND	ug/kg	390	58.479	05/26/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	390	40.858	05/26/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	75	%		*	05/26/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	87	%		*	05/26/98	SAC	321-60-8		
2-Fluorophenol (S)	12	%		*	05/26/98	SAC	367-12-4	4	
Nitrobenzene-d5 (S)	63	%		*	05/26/98	SAC	4165-60-0		

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637585 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-25 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	53	%		*	05/26/98	SAC	13127-88-		
Terphenyl-d14 (S)	80	%		*	05/26/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

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DATE: 05/29/98
PAGE: 56

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637601 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-30 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC -- Semi-VOA									
Organochlorine PCBs	Method EPA 8080					Prep Method EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.038	0.0103	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.038	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.038	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.038	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.038	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.038	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.038	0.1055	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	93	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	88	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637601 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-30 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/26/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/26/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/26/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/26/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/26/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/26/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/26/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/26/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/26/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/26/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/26/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/26/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	45.674	05/26/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/26/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/26/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/26/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/26/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.090	05/26/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/26/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/26/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/26/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/26/98	SAC	59-50-7		U

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ace Project Number: 107572
Client Project ID: 980513-05

Pace Sample No.: 10637601 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-30 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.849	05/26/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/26/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/26/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/26/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/26/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	20.993	05/26/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	05/26/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/26/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/26/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	30.830	05/26/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/26/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/26/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/26/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/26/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/26/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/26/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/26/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/26/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/26/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/26/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/26/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/26/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/26/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/26/98	SAC	117-84-0		U

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637601 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-30 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/26/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/26/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/26/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/26/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/26/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/26/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/26/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/26/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/26/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/26/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/26/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/26/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/26/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/26/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/26/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/26/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/26/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/26/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/26/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/26/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	84	%		*	05/26/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	95	%		*	05/26/98	SAC	321-60-8		
2-Fluorophenol (S)	12	%		*	05/26/98	SAC	367-12-4	4	
Nitrobenzene-d5 (S)	65	%		*	05/26/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637601 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-30 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	56	%		*	05/26/98	SAC	13127-88-		
Terphenyl-d14 (S)	87	%		*	05/26/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637635 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-50 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	85	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	87	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

DATE: 05/29/98
PAGE: 62

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 1063635 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-50 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/26/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/26/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/26/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/26/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/26/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/26/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/26/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/26/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/26/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/26/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/26/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/26/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/26/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/26/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/26/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/26/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/26/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/26/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/26/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/26/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/26/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/26/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637635 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-50 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.649	05/26/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/26/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/26/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/26/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/26/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	05/26/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	05/26/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/26/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/26/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/26/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/26/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/26/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/26/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/26/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/26/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/26/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/26/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/26/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/26/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/26/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/26/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/26/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/26/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/26/98	SAC	117-84-0		U

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637635 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-50 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/26/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/26/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/26/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/26/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/26/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/26/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/26/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/26/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/26/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/26/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/26/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/26/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/26/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/26/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/26/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/26/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/26/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/26/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/26/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/26/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	71	%		*	05/26/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	86	%		*	05/26/98	SAC	321-60-8		
2-Fluorophenol (S)	16	%		*	05/26/98	SAC	367-12-4	4	
Nitrobenzene-d5 (S)	60	%		*	05/26/98	SAC	4165-60-0		

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10637635 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R2-2-50 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	54	%		*	05/26/98	SAC	13127-88-		
Terphenyl-d14 (S)	71	%		*	05/26/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638534 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	87	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	81	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638534 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/27/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/27/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/27/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/27/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/27/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/27/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/27/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.51	05/27/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/27/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/27/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/27/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/27/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/27/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/27/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/27/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/27/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/27/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/27/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/27/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/27/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/27/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/27/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638534 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.649	05/27/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.865	05/27/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/27/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/27/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/27/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/27/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.995	05/27/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/27/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/27/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.830	05/27/98	SAC	56-55-3	2	J
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/27/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/27/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	58.814	05/27/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/27/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/27/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/27/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/27/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/27/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/27/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/27/98	SAC	117-81-7	2,5	JB
Butylbenzylphthalate	ND	ug/kg	330	86.158	05/27/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/27/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/27/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/27/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638534 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/27/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/27/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/27/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/27/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/27/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/27/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/27/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/27/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/27/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/27/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/27/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/27/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/27/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/27/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/27/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/27/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/27/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/27/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/27/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/27/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	80	%		*	05/27/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	78	%		*	05/27/98	SAC	321-60-8		
2-Fluorophenol (S)	73	%		*	05/27/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	74	%		*	05/27/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638534 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: 125-1-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	70	%		*	05/27/98	SAC	13127-88-		
Terphenyl-d14 (S)	136	%		*	05/27/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638542 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-3 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC - Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	79	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	78	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

ace Project Number: 107372
Client Project ID: 980515-05

Pace Sample No.: 10638542 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-3 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	350	27.769	05/26/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	350	42.146	05/26/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	350	33.142	05/26/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	350	28.374	05/26/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	350	57.207	05/26/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	350	55.331	05/26/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	350	45.142	05/26/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	350	173.57	05/26/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1700	47.778	05/26/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	350	37.176	05/26/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	350	39.087	05/26/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	350	34.061	05/26/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	350	45.858	05/26/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	350	27.943	05/26/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	350	99.275	05/26/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1700	39.763	05/26/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	350	33.672	05/26/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	690	25.303	05/26/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1700	35.284	05/26/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1700	37.457	05/26/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	350	49.457	05/26/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	690	41.160	05/26/98	SAC	59-50-7		U

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Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638542 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-3 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	690	29.031	05/26/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	350	18.756	05/26/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	350	94.581	05/26/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1700	43.310	05/26/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1700	30.419	05/26/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	350	30.638	05/26/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	350	31.492	05/26/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	350	37.631	05/26/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	350	40.726	05/26/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	350	41.822	05/26/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	350	38.057	05/26/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	350	75.285	05/26/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	350	40.755	05/26/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	350	52.600	05/26/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1700	278.24	05/26/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	690	76.912	05/26/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	350	30.195	05/26/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	350	30.008	05/26/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	350	45.879	05/26/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	350	63.580	05/26/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	350	90.445	05/26/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	350	51.740	05/26/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	350	66.734	05/26/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	350	95.642	05/26/98	SAC	117-84-0		U

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638542 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-3 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	350	39.866	05/26/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	350	33.478	05/26/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	350	31.858	05/26/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	350	30.559	05/26/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	350	42.692	05/26/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	350	41.079	05/26/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	350	43.762	05/26/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	350	35.176	05/26/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	350	91.918	05/26/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	350	31.115	05/26/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	350	41.935	05/26/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	350	31.666	05/26/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	350	39.630	05/26/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	350	51.768	05/26/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	350	27.452	05/26/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	350	34.909	05/26/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1700	50.428	05/26/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	350	41.436	05/26/98	SAC	85-01-8		U
Phenol	ND	ug/kg	350	51.599	05/26/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	350	36.051	05/26/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	74	%		*	05/26/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	86	%		*	05/26/98	SAC	321-60-8		
2-Fluorophenol (S)	11	%		*	05/26/98	SAC	367-12-4	4	
Nitrobenzene-d5 (S)	60	%		*	05/26/98	SAC	4165-60-0		

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638542 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-3 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	56	%		*	05/26/98	SAC	13127-88-		
Terphenyl-d14 (S)	80	%		*	05/26/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638559 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-5 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.06	0.0163	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.06	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.06	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.06	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.06	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.06	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.06	0.1670	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	87	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	91	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638559 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-5 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	380	50.414	05/26/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	380	46.160	05/26/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	380	56.299	05/26/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	380	31.077	05/26/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	380	62.656	05/26/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	380	60.601	05/26/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	380	49.442	05/26/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	380	190.10	05/26/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1800	52.328	05/26/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	380	40.717	05/26/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	380	42.809	05/26/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	380	37.305	05/26/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	380	50.225	05/26/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	380	30.605	05/26/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	380	108.75	05/26/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1800	43.550	05/26/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	380	56.878	05/26/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	760	27.713	05/26/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1800	38.645	05/26/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1800	41.024	05/26/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	380	54.167	05/26/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	760	45.080	05/26/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 05/29/98
PAGE: 78

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638559 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-5 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	760	31.796	05/26/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	380	20.543	05/26/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	380	103.58	05/26/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1800	47.434	05/26/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1800	33.316	05/26/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	380	34.492	05/26/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	380	33.556	05/26/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	380	41.214	05/26/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	380	44.605	05/26/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	380	45.805	05/26/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	380	41.682	05/26/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	380	82.455	05/26/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	380	44.636	05/26/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	380	57.609	05/26/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1800	304.73	05/26/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	760	84.237	05/26/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	380	33.071	05/26/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	380	32.866	05/26/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	380	50.248	05/26/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	380	69.635	05/26/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	380	99.059	05/26/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	380	56.668	05/26/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	380	73.090	05/26/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	380	104.75	05/26/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638559 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-5 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	380	43.665	05/26/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	380	36.666	05/26/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	380	34.892	05/26/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	380	33.470	05/26/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	380	46.758	05/26/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	380	44.992	05/26/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	380	47.930	05/26/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	380	38.526	05/26/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	380	100.67	05/26/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	380	34.079	05/26/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	380	45.929	05/26/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	380	34.682	05/26/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	380	43.405	05/26/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	380	56.698	05/26/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	380	30.066	05/26/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	380	38.234	05/26/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1800	55.230	05/26/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	380	45.382	05/26/98	SAC	85-01-8		U
Phenol	ND	ug/kg	380	56.514	05/26/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	380	39.484	05/26/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	59	%		*	05/26/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	85	%		*	05/26/98	SAC	321-60-8		
2-Fluorophenol (S)	17	%		*	05/26/98	SAC	367-12-4	4	
Nitrobenzene-d5 (S)	61	%		*	05/26/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Fax: 612-617-6444

Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638559 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-5 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	54	%		*	05/26/98	SAC	13127-88-		
Terphenyl-d14 (S)	75	%		*	05/26/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Fax: 612-617-6444

Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638567 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-10 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC - Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.044	0.0120	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.044	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.044	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.044	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.044	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.044	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.044	0.1229	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	93	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	96	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638567 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-10 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	310	24.860	05/27/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	310	37.731	05/27/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	310	29.670	05/27/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	310	25.402	05/27/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	310	51.214	05/27/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	310	49.535	05/27/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	310	40.413	05/27/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	310	155.59	05/27/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1500	42.773	05/27/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	310	33.281	05/27/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	310	34.992	05/27/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	310	30.493	05/27/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	310	41.053	05/27/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	310	25.016	05/27/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	310	88.875	05/27/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1500	35.597	05/27/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	310	30.144	05/27/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	620	22.652	05/27/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1500	31.588	05/27/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1500	33.533	05/27/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	310	44.276	05/27/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	620	36.848	05/27/98	SAC	59-50-7		U

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Tel: 612 617-6400
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Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638567 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-10 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	620	25.990	05/27/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	310	16.791	05/27/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	310	84.673	05/27/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1500	38.772	05/27/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1500	27.232	05/27/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	310	27.428	05/27/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	310	28.193	05/27/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	310	33.688	05/27/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	310	36.459	05/27/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	310	37.441	05/27/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	310	34.070	05/27/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	310	67.398	05/27/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	310	36.485	05/27/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	310	47.089	05/27/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1500	249.09	05/27/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	620	68.855	05/27/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	310	27.032	05/27/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	310	26.865	05/27/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	310	41.073	05/27/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	310	56.919	05/27/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	310	80.970	05/27/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	310	46.320	05/27/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	310	59.743	05/27/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	310	85.623	05/27/98	SAC	117-84-0		U

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Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638567 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-10 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	310	35.690	05/27/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	310	29.971	05/27/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	310	28.520	05/27/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	310	27.358	05/27/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	310	38.219	05/27/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	310	36.776	05/27/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	310	39.177	05/27/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	310	31.491	05/27/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	310	82.289	05/27/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	310	27.855	05/27/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	310	37.542	05/27/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	310	28.349	05/27/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	310	35.479	05/27/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	310	46.344	05/27/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	310	24.576	05/27/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	310	31.252	05/27/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1500	45.145	05/27/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	310	37.095	05/27/98	SAC	85-01-8		U
Phenol	ND	ug/kg	310	46.194	05/27/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	310	32.274	05/27/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	48	%		*	05/27/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	68	%		*	05/27/98	SAC	321-60-8		
2-Fluorophenol (S)	60	%		*	05/27/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	66	%		*	05/27/98	SAC	4165-60-0		

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Fax: 612-617-6444

Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

Pace Sample No.: 10638567 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T25-1-10 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	66	%		*	05/27/98	SAC	13127-88-		
Terphenyl-d14 (S)	100	%		*	05/27/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

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Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

ace Project Number: 107372
Client Project ID: 980513-05

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected
(1)	The surrogate and/or spike recovery was outside acceptance limits.
(2)	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
(3)	Insufficient sample remaining for reextraction.
(4)	Spiked sample recovery is not within control limits.
(5)	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5-27-98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature / Date Sampled: CHRIS MERRITT 5/12/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	8260	8270	8080 PCB	CAM 17	3020	REMARKS
1	RZ-2-50.0	1353	SOIL		1						X	X	X	X	X		
2	RZ-2-55.0	1407	↓		1						X	X	X	X	X		ROSH TAT
3	RZ-2-60.0	1424	↓								X	X	X	X	X		ARCHIVE
4																	
5																	
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/12/98		CALIFORNIA OVERNIGHT	5/12/98	

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD, CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SEW		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SEW		*Requested Due Date: 5-27-98
Sampler Signature: CHRIS MERRITT	Date Sampled: 5/12/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-S	8260	8270	8080 PCB	CAM 17	8020 BTEX	REMARKS
1	RZ-2-35.0		SOIL		1						X		X	X	X	X	
2	RZ-2-40.0				1						X		X	X	X	X	
3	T25-1-5	0757			1						X		X	X	X	X	
4	T25-1-3.0	0802			1						X		X	X	X	X	
5	T25-1-5.0	0811			1						X		X	X	X	X	
6	T25-1-10.0	0816			1						X		X	X	X	X	
7	T25-1-15.0	0835			1						X		X	X	X	X	RUSH
8	T25-1-20.0	0849			1												ARCHIVE

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/12/98		CALIFORNIA OVERNIGHT	5/12/98	

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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423303

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK ROSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE. HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5-27-98

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT

Date Sampled: 5/12/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8260	8270	8010 8015	CAM 17	8020 BTX	REMARKS
1	RZ-1-5	0951	SOIL		1						X	X		X	X	Z	
2	RZ-1-3.0	0956			1						X	X		X	X		
3	RZ-1-5.0	1000			1						X	X		X	X		
4	RZ-1-10.0	1008			1						X	X		X	X		
5	RZ-1-15.0	1013			1						X	X		X	X		
6	RZ-1-20.0	1022			1						X	X		X	X		RUSH
7	RZ-1-25.0	1032			1						X	X		X	X		ARCHIVE
8	RZ-2-45.0				1						X		X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/12/98		CALIFORNIA OVERNIGHT	5/12/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

Page 3/4 13219A 980513-05 423326

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5-27-98
Sampler Signature: CHRIS MERRITT	Date Sampled: 5/12/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH		ANALYSES REQUEST: TPH-5	8260	8270	8040 PCB	CAM 17	8020				REMARKS
1	R2-2-5		SOIL		1							X		X	X	X	X				
2	R2-2-3.0				1							X		X	X	X	X				
3	R2-2-5.0				1							X		X	X	X	X				
4	R2-2-10.0				1							X		X	X	X	X				
5	R2-2-15.0				1							X		X	X	X	X				
6	R2-2-20.0				1							X		X	X	X	X				
7	R2-2-25.0				1							X		X	X	X	X				
8	R2-2-30.0				1							X		X	X	X	X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/12/98		CALIFORNIA OVERNIGHT	5/12/98	

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980513-04
PACE ANALYTICAL WO #: 13218A
Client ID #: 575-8G001

Date: 6/12/98

PACE ANALYTICAL , INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/12/98 and received on 05/12/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TPH-Speciation (Soil)	2-3
BTEX (Soil)	4-6
CCR Metals (Soil)	6-10
List of Abbreviations and Definitions	11

In addition the analysis for 8080, 8260 & 8270 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
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Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980513-04
PACE ANALYTICAL WO#:13218A
Client ID#:BG001 SFW

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	PRL mg/Kg	DF
Client ID:	Analysis Date			
Method Blank	05/16/98	<10	10	1
D4-S	05/16/98	<10	10	1
D4-3.0	05/16/98	<10	10	1
D5-S	05/16/98	<10	10	1
D5-3.0	05/16/98	<10	10	1
T15-1-S	05/16/98	<10	10	1
T15-1-3.0	05/16/98	<10	10	1
T16-1-S	05/16/98	<10	10	1
D11-S	05/16/98	<10	10	1
D11-3.0	05/16/98	<10	10	1
D22-S	05/16/98	<10	10	1
D22-3.0	05/16/98	<10	10	1
D21-S	05/16/98	<10	10	1
D21-3.0	05/16/98	<10	10	1
D20-S	05/16/98	<10	10	1
D20-3.0	05/16/98	<10	10	1
R1-1-S	05/16/98	<10	10	1
R1-1-2.0	05/16/98	<10	10	1
R1-1-4.0	05/16/98	<10	10	1
R1-1-10.0	05/16/98	<10	10	1
D14-S	05/16/98	<10	10	1
D14-3	05/01/98	<10	10	1

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/16/98		05/16/98	05/16/98			
TPH-Speciation	100	80-120	98	73	70-130	19	0-30

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/01/98		06/01/98	06/01/98			
TPH-Speciation	115	80-120	123	113	70-130	8.5	0-30

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Pace Analytical

PACE ANALYTICAL Project#:080513-04
PACE ANALYTICAL WO#:13210A
Client ID#:8G001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	D5-S	D5-3.0	T16-1-1-S	D22-S	D22-3.0	D20-S	D20-3.0	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg			PRL µg/kg
Analysis Date:	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	05/14/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:								Acceptable Range:
a,a,a-Trifluorotoluene	119	118	116	114	115	110	113	59-134

Client ID:	D14-S	D14-3.0				Method Blank		PRL
Units:	µg/kg	µg/kg				µg/kg		µg/kg
Analysis Date:	05/14/98	05/14/98				05/14/98		
Analyte								
Benzene	<5.0	<5.0				<5.0		5.0
Toluene	<5.0	<5.0				<5.0		5.0
Ethylbenzene	<5.0	<5.0				<5.0		5.0
Total Xylenes	<15	<15				<15		15
DF	1	1				1		
Surrogate Recovery %:								Acceptable Range:
a,a,a-Trifluorotoluene	111	110				82		59-134

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Pace Analytical

PACE ANALYTICAL Project#:9805134-04
PACE ANALYTICAL WO#:13218A
Client ID#:8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/14/98		05/14/98	05/14/98			
Analyte							
Benzene	106	74-116	112	105	72-115	6.5	0-26
Toluene	107	73-116	115	108	70-114	6.3	0-22
Ethylbenzene	110	75-118	116	109	68-119	6.2	0-24
Total Xylenes	109	78-120	119	112	74-117	6.1	0-22

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Pace Analytical

PACE ANALYTICAL Project#:980513-04
PACE ANALYTICAL WO#:13218A
Client ID#:8C001 SFW

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D4-S	D4-3.0	D5-S	D5-3.0	T15-1-S	T15-1-3	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	54	59	100	47	100	78	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.7	<0.5	0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	56	44	35	14	27	35	0.5	6010
Cobalt (Co)	10	14	11	4.4	6.6	3.8	1.0	6010
Copper (Cu)	10	9.2	13	5.5	18	6.7	2.5	6010
Lead (Pb)	4.1	3.8	20	4.8	110	4.4	1.0	6010
Mercury (Hg)*	0.05	<0.05	<0.05	<0.05	0.31	<0.10**	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	36	42	30	19	22	16	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	43	37	30	20	25	33	0.5	6010
Zinc (Zn)	28	28	35	16	81	22	10	6010
DF	1	1	1	1	1	1		

*Analyzed on 06/08/98
** Analyzed at ATL, 5/27/98

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980513-04
PACE ANALYTICAL WO#:13218A
Client ID#:8G001 SFW

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T16-1-S	D11-S	D11-3.0	D22-S	D22-3	D21-S		EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	PRL mg/Kg	Method
Date Analyzed:	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	7.1	5.6	5.7	5.0	6010
Barium (Ba)	220	130	96	270	260	220	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.5	0.6	2.0	0.5	6010
Chromium (Cr)	25	20	39	22	19	29	0.5	6010
Cobalt (Co)	10	12	13	15	17	5.6	1.0	6010
Copper (Cu)	35	55	19	30	23	110	2.5	6010
Lead (Pb)	43	32	100	120	11	3600	1.0	6010
Mercury (Hg)*	0.17	0.08	0.12	0.09	<0.05	0.23	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	2.5	6010
Nickel (Ni)	23	24	30	33	31	28	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	5.8	<5.0	6.3	5.3	<5.0	5.0	6010
Vanadium (V)	21	21	37	21	18	16	0.5	6010
Zinc (Zn)	62	55	60	79	57	460	10	6010
DF	1	1	1	1	1	1		

*Analyzed on 06/08/98

REPORT OF LABORATORY ANALYSIS

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PACE ANALYTICAL Project#:980513-04
PACE ANALYTICAL WO#:13218A
Client ID#:BG001 SFW

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D21-3	D20-S	D20-3	R1-1S	R1-1-2	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	6.0	5.1	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	200	220	85	29	130	10	6010
Beryllium (Be)	0.7	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.6	<0.5	<0.5	0.5	0.5	6010
Chromium (Cr)	19	22	44	17	22	0.5	6010
Cobalt (Co)	18	10	10	4.5	12	1.0	6010
Copper (Cu)	29	31	14	4.8	19	2.5	6010
Lead (Pb)	26	89	91	130	43	1.0	6010
Mercury (Hg)	<0.05	0.86	0.16	<0.05	0.06	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	34	31	26	17	28	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	7.3	6.6	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	21	22	41	14	21	0.5	6010
Zinc (Zn)	72	87	63	21	62	10	6010
DF	1	1	1	1	1		

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Fax: 562-597-0785

Pace Analytical

PACE ANALYTICAL Project#:980513-04
PACE ANALYTICAL WO#:13218A
Client ID#:8G001 SHW

Analyst:
Preparation Analyst:
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	R1-1-4	R1-1-10	D14-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/23/98	05/23/98	05/23/98	05/23/98		
Analyte						
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	6.8	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	300	83	30	<10	10	6010
Beryllium (Be)	0.7	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	17	26	28	<0.5	0.5	6010
Cobalt (Co)	19	7.4	8.9	<1.0	1.0	6010
Copper (Cu)	29	14	10	<2.5	2.5	6010
Lead (Pb)	27	5.9	3.0	<1.0	1.0	6010
Mercury (Hg)	0.10	<0.05	0.07	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	32	19	22	<0.5	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	7.4	<5.0	8.3	<5.0	5.0	6010
Vanadium (V)	19	31	30	<0.5	0.5	6010
Zinc (Zn)	69	41	36	<10	10	6010
DF	1	1	1	1		

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/23/98		05/23/98	05/23/98			
Antimony (Sb)	6010	84	70-130	26*	30*	60-130	14	0-25
Arsenic (As)	6010	84	78-104	83	83	34-135	0.0	0-15
Barium (Ba)	6010	93	81-117	74	73	55-130	1.4	0-25
Beryllium (Be)	6010	85	70-130	77	75	70-130	1.3	0-25
Cadmium (Cd)	6010	85	75-104	76	78	73-115	2.6	0-15
Chromium (Cr)	6010	88	81-103	84	80	82-125	4.9	0-15
Cobalt (Co)	6010	86	70-130	72	66*	70-130	8.7	0-25
Copper (Cu)	6010	85	70-130	79	77	70-140	2.6	0-25
Lead (Pb)	6010	83	76-104	63	72	48-120	13	0-30
Mercury (Hg)*	7471	95	76-121	94	87	70-135	7	0-30
Molybdenum (Mo)	6010	88	70-130	70	69*	70-130	1.4	0-25
Nickel (Ni)	6010	84	70-130	55*	55*	70-130	0.0	0-25
Selenium (Se)	6010	96	79-102	71	70	42-120	1.4	0-16
Silver (Ag)	6010	89	77-107	74	78	53-115	5.3	0-19
Thallium (Tl)	6010	92	70-130	82	82	70-130	0.0	0-25
Vanadium (V)	6010	87	70-130	83	79	70-130	5.2	0-25
Zinc (Zn)	6010	84	70-130	71	73	70-130	2.8	0-25

*Analyzed on 06/11/98
**Sample matrix effect.

REPORT OF LABORATORY ANALYSIS

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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May 28, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107394
Client Project ID: 980513-04

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on May 14, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

Enclosures

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DATE: 05/29/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107394
Client Project ID: 980513-04

Attn: Mr.RichardVillafania
Phone (562)498-9515

Pace Sample No.: 10638609
Client Sample ID: D5-SURR

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC -- Semi-VOA									
Organochlorine PCBs	Method EPA 8080					Prep Method EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.041	0.0112	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.041	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.041	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.041	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.041	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.041	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.041	0.1147	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	79	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	77	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638609 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D5-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	520	41.521	05/27/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	520	63.019	05/27/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	520	49.556	05/27/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	520	42.427	05/27/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	520	85.539	05/27/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	520	82.734	05/27/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	520	67.499	05/27/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	520	259.53	05/27/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	2500	71.440	05/27/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	520	55.587	05/27/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	520	58.444	05/27/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	520	50.930	05/27/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	520	68.568	05/27/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	520	41.782	05/27/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	520	148.44	05/27/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	2500	59.455	05/27/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	520	50.347	05/27/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1000	37.835	05/27/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	2500	52.758	05/27/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	2500	56.007	05/27/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	520	73.950	05/27/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1000	61.545	05/27/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638609 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D5-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	1000	43.409	05/27/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	520	28.046	05/27/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	520	141.42	05/27/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	2500	64.759	05/27/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	2500	45.484	05/27/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	520	45.612	05/27/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	520	47.089	05/27/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	520	56.267	05/27/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	520	60.895	05/27/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	520	62.534	05/27/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	520	56.905	05/27/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	520	112.56	05/27/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	520	60.939	05/27/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	520	78.649	05/27/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	2500	416.03	05/27/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1000	115.00	05/27/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	520	45.149	05/27/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	520	44.870	05/27/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	520	88.600	05/27/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	520	95.067	05/27/98	SAC	117-81-7	1,2	JB
Butylbenzylphthalate	ND	ug/kg	520	135.23	05/27/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	520	77.365	05/27/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	520	99.783	05/27/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	520	143.00	05/27/98	SAC	117-84-0		U

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Pace Analytical

ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638609 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D5-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenzia,h)anthracene	ND	ug/kg	520	59.610	05/27/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	520	50.058	05/27/98	SAC	132-64-9		U
Diethylphthalate	trace	ug/kg	520	47.635	05/27/98	SAC	84-66-2	1	J
Dimethylphthalate	ND	ug/kg	520	45.693	05/27/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	520	63.834	05/27/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	520	61.424	05/27/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	520	65.435	05/27/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	520	52.597	05/27/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	520	137.44	05/27/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	520	46.525	05/27/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	520	62.703	05/27/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	520	47.349	05/27/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	520	59.257	05/27/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	520	77.405	05/27/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	520	41.047	05/27/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	520	52.198	05/27/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	2500	75.402	05/27/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	520	61.957	05/27/98	SAC	85-01-8		U
Phenol	ND	ug/kg	520	77.154	05/27/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	520	53.905	05/27/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	65	%		*	05/27/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	65	%		*	05/27/98	SAC	321-60-8		
2-Fluorophenol (S)	66	%		*	05/27/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	61	%		*	05/27/98	SAC	4165-60-0		

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Pace Analytical

Pace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638609 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D5-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	62	%		*	05/27/98	SAC	13127-88-		
Terphenyl-d14 (S)	109	%		*	05/27/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

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Pace Analytical

ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10858617 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: DS-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC -- Semi-VOA									
Organochlorine PCBs	Method EPA 8080					Prep Method EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	92	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	93	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

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Pace Analytical

ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638617 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D5-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/27/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/27/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/27/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/27/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/27/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/27/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/27/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/27/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/27/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/27/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/27/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	52.439	05/27/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/27/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/27/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/27/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/27/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/27/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/27/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/27/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/27/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/27/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/27/98	SAC	59-50-7		U

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638617 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: DS-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.649	05/27/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/27/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/27/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/27/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	20.970	05/27/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/27/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/27/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/27/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/27/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/27/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/27/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/27/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/27/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/27/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/27/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/27/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/27/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/27/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/27/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/27/98	SAC	117-81-7	1,2	JB
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/27/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/27/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/27/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/27/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638617
Client Sample ID: 05-3.0
Date Collected: 05/12/98
Date Received: 05/14/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/27/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/27/98	SAC	132-64-9		U
Diethylphthalate	trace	ug/kg	330	30.341	05/27/98	SAC	84-66-2	1	J
Dimethylphthalate	ND	ug/kg	330	29.104	05/27/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/27/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/27/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/27/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/27/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/27/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/27/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/27/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/27/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/27/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/27/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/27/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/27/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/27/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/27/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/27/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/27/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	68	%		*	05/27/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	67	%		*	05/27/98	SAC	321-60-8		
2-Fluorophenol (S)	61	%		*	05/27/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	59	%		*	05/27/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638617 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D5-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	61	%		*	05/27/98	SAC	13127-88-		
Terphenyl-d14 (S)	104	%		*	05/27/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

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Pace Analytical

Pace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638625 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T16-1-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	490	38.877	05/27/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	490	59.005	05/27/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	490	46.399	05/27/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	490	39.724	05/27/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	490	80.091	05/27/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	490	77.464	05/27/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	490	63.200	05/27/98	SAC	120 83-2		U
2,4-Dimethylphenol	ND	ug/kg	490	243.00	05/27/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	2400	66.889	05/27/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	490	52.047	05/27/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	490	54.721	05/27/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	490	47.686	05/27/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	490	64.201	05/27/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	490	39.121	05/27/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	490	138.98	05/27/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	2400	55.668	05/27/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	490	47.140	05/27/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	970	35.425	05/27/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	2400	49.398	05/27/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	2400	52.440	05/27/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	490	69.240	05/27/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	970	57.625	05/27/98	SAC	59-50-7		U

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Pace Analytical

DATE: 05/29/98
PAGE: 12

ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638625
Client Sample ID: T16-1-SURR
Date Collected: 05/12/98
Date Received: 05/14/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	970	40.644	05/27/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	490	26.259	05/27/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	490	132.41	05/27/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	2400	60.634	05/27/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	2400	42.587	05/27/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	490	44.090	05/27/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	490	42.894	05/27/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	490	52.683	05/27/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	490	57.017	05/27/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	490	58.551	05/27/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	490	53.281	05/27/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	490	105.39	05/27/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	490	57.057	05/27/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	490	73.640	05/27/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	2400	389.53	05/27/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	970	107.67	05/27/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	490	42.273	05/27/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	490	42.012	05/27/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	490	64.231	05/27/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	490	89.012	05/27/98	SAC	117-81-7	1,2	JB
Butylbenzylphthalate	ND	ug/kg	490	126.62	05/27/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	490	72.437	05/27/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	490	93.428	05/27/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	490	133.89	05/27/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638625
Client Sample ID: T16-1-SURR

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenzo(a,h)anthracene	ND	ug/kg	490	55.813	05/27/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	490	46.869	05/27/98	SAC	132-64-9		U
Diethylphthalate	trace	ug/kg	490	44.601	05/27/98	SAC	84-66-2	1	J
Dimethylphthalate	ND	ug/kg	490	42.783	05/27/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	490	59.769	05/27/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	490	57.511	05/27/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	490	61.267	05/27/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	490	49.246	05/27/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	490	128.68	05/27/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	490	43.561	05/27/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	490	58.709	05/27/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	490	44.333	05/27/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	490	55.483	05/27/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	490	72.475	05/27/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	490	38.433	05/27/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	490	48.873	05/27/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	2400	70.599	05/27/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	490	58.010	05/27/98	SAC	85-01-8		U
Phenol	ND	ug/kg	490	72.239	05/27/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	490	50.471	05/27/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	87	%		*	05/27/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	70	%		*	05/27/98	SAC	321-60-8		
2-Fluorophenol (S)	67	%		*	05/27/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	60	%		*	05/27/98	SAC	4165-60-0		

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Pace Analytical

ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10838625 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T16-1-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	62	%		*	05/27/98	SAC	13127-88-		
Terphenyl-d14 (S)	114	%		*	05/27/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

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Pace Analytical

ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638633 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D11-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC - Semi-VOA									
Organochlorine PCBs	Method EPA 8080					Prep Method EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	82	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	91	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

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Pace Analytical

ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638641 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D11-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080					Prep Method EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.045	0.0123	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.045	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.045	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.045	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.045	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.045	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.045	0.1257	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	93	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	93	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638658 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D22-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC -- Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	90	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	90	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638658 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: 022-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/27/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/27/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/27/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/27/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/27/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/27/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/27/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/27/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/27/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/27/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/27/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/27/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/27/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/27/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/27/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/27/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/27/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/27/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/27/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/27/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/27/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/27/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638658
Client Sample ID: D22-SURR

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.649	05/27/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/27/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/27/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/27/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/27/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	05/27/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	05/27/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/27/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/27/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/27/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/27/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/27/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/27/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/27/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/27/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/27/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/27/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/27/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/27/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	430	ug/kg	330	60.552	05/27/98	SAC	117-81-7	2	B
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/27/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/27/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/27/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/27/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638650
Client Sample ID: 022-SURR

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/27/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/27/98	SAC	132-64-9		U
Diethylphthalate	trace	ug/kg	330	30.341	05/27/98	SAC	84-66-2	1	J
Dimethylphthalate	ND	ug/kg	330	29.104	05/27/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/27/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/27/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/27/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/27/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/27/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/27/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/27/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/27/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/27/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/27/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/27/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/27/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/27/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/27/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/27/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/27/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	101	%		*	05/27/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	76	%		*	05/27/98	SAC	321-60-8		
2-Fluorophenol (S)	70	%		*	05/27/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	63	%		*	05/27/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 05/29/98
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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10630658 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: 022-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	69	%		*	05/27/98	SAC	13127-88-		
Terphenyl-d14 (S)	115	%		*	05/27/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	430								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 05/29/98
PAGE: 22

Pace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638666 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D22-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC -- Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.041	0.0112	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.041	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.041	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.041	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.041	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.041	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.041	0.1147	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	86	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	90	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638666 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: B22-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/27/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/27/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/27/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/27/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/27/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/27/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/27/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/27/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/27/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/27/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/27/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/27/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/27/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/27/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/27/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/27/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/27/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/27/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/27/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/27/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/27/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/27/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638666 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D22-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.649	05/27/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/27/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/27/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/27/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/27/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/27/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/27/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/27/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/27/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/27/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/27/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/27/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/27/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/27/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/27/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/27/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/27/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/27/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/27/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/27/98	SAC	117-81-7	1,2	JB
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/27/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/27/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/27/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/27/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638666 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D22-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/27/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/27/98	SAC	132-64-9		U
Diethylphthalate	trace	ug/kg	330	30.341	05/27/98	SAC	84-66-2	1	J
Dimethylphthalate	ND	ug/kg	330	29.104	05/27/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/27/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/27/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/27/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/27/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/27/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/27/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/27/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/27/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/27/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/27/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/27/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/27/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/27/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/27/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/27/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/27/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	77	%		*	05/27/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	66	%		*	05/27/98	SAC	321-60-8		
2-Fluorophenol (S)	67	%		*	05/27/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	61	%		*	05/27/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638666 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: B22-3,0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	59	%		*	05/27/98	SAC	13127-88-		
Terphenyl-d14 (S)	111	%		*	05/27/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 82/0	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 05/29/98
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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638674 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D20-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.061	0.0165	05/28/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.061	*	05/28/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.061	*	05/28/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.061	*	05/28/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.061	*	05/28/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.061	*	05/28/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.061	0.1688	05/28/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	93	%		*	05/28/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	92	%		*	05/28/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638674 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D20-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	3300	264.47	05/27/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	3300	401.39	05/27/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	3300	315.64	05/27/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	3300	270.23	05/27/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	3300	544.83	05/27/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	3300	526.96	05/27/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	3300	429.93	05/27/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	3300	1653.1	05/27/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	16000	455.03	05/27/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	3300	354.06	05/27/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	3300	372.25	05/27/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	3300	324.39	05/27/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	3300	436.74	05/27/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	3300	266.13	05/27/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	3300	945.48	05/27/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	16000	378.69	05/27/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	3300	320.68	05/27/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	6600	240.98	05/27/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	16000	336.04	05/27/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	16000	356.73	05/27/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	3300	471.02	05/27/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	6600	392.00	05/27/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638674 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D20-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	6600	276.49	05/27/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	3300	178.63	05/27/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	3300	900.77	05/27/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	16000	412.47	05/27/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	16000	289.70	05/27/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	3300	299.93	05/27/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	3300	291.79	05/27/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	3300	358.39	05/27/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	3300	387.87	05/27/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	3300	398.30	05/27/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	3300	362.45	05/27/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	3300	717.00	05/27/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	3300	388.14	05/27/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	3300	500.95	05/27/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	16000	2649.9	05/27/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	6600	732.5	05/27/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	3300	287.57	05/27/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	3300	285.79	05/27/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	3300	436.94	05/27/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	3300	605.52	05/27/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	3300	861.38	05/27/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	3300	492.77	05/27/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	3300	635.56	05/27/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	3300	910.88	05/27/98	SAC	117-84-0		U

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DATE: 05/29/98
PAGE: 30

ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638674 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D20-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	3300	379.68	05/27/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	3300	318.84	05/27/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	3300	303.41	05/27/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	3300	291.04	05/27/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	3300	406.59	05/27/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	3300	391.23	05/27/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	3300	416.78	05/27/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	3300	335.01	05/27/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	3300	875.41	05/27/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	3300	296.34	05/27/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	3300	399.38	05/27/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	3300	301.58	05/27/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	3300	377.43	05/27/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	3300	493.02	05/27/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	3300	261.44	05/27/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	3300	332.47	05/27/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	16000	480.26	05/27/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	3300	394.63	05/27/98	SAC	85-01-8		U
Phenol	ND	ug/kg	3300	491.42	05/27/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	3300	343.34	05/27/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	36	%		*	05/27/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	40	%		*	05/27/98	SAC	321-60-8	3	
2-Fluorophenol (S)	36	%		*	05/27/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	36	%		*	05/27/98	SAC	4165-60-0	3,4	

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DATE: 05/29/98
PAGE: 31

Pace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638674
Client Sample ID: D20-SURR

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	57	%		*	05/27/98	SAC	13127-88-	3	
Terphenyl-d14 (S)	60	%		*	05/27/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638682 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D20-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.036	0.0099	05/28/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.036	*	05/28/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.036	*	05/28/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.036	*	05/28/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.036	*	05/28/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.036	*	05/28/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.036	0.1009	05/28/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	94	%		*	05/28/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	94	%		*	05/28/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638682 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D20-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/27/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/27/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/27/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/27/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/27/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/27/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/27/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/27/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/27/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/27/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/27/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/27/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/27/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/27/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/27/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/27/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/27/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/27/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/27/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/27/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/27/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/27/98	SAC	59-50-7		U

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638682
Client Sample ID: D20-3.0

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.619	05/27/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/27/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/27/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/27/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/27/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/27/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/27/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/27/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/27/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/27/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/27/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/27/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/27/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/27/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/27/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/27/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/27/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/27/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/27/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/27/98	SAC	117-81-7	1,2	JB
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/27/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/27/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/27/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/27/98	SAC	117-84-0		U

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638682 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D20-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/27/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/27/98	SAC	132-64-9		U
Diethylphthalate	trace	ug/kg	330	30.341	05/27/98	SAC	84-66-2	1	J
Dimethylphthalate	ND	ug/kg	330	29.104	05/27/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/27/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/27/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/27/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/27/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/27/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/27/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/27/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/27/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/27/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/27/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/27/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/27/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/27/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/27/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/27/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/27/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	82	%		*	05/27/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	68	%		*	05/27/98	SAC	321-60-8		
2-Fluorophenol (S)	60	%		*	05/27/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	58	%		*	05/27/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 05/29/98
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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638682 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D20-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	62	%		*	05/27/98	SAC	13127-88-		
Terphenyl-d14 (S)	111	%		*	05/27/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638690 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R1-1-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC - Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/28/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/28/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/28/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/28/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/28/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/28/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/28/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	94	%		*	05/28/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	92	%		*	05/28/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638708 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R1-1-2.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC - Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.04	0.0108	05/28/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.04	*	05/28/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.04	*	05/28/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.04	*	05/28/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.04	*	05/28/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.04	*	05/28/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.04	0.1110	05/28/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	92	%		*	05/28/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	93	%		*	05/28/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638716 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R1-1-4.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080					Prep Method EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.037	0.0100	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.037	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.037	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.037	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.037	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.037	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.037	0.1027	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	90	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	90	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/20/98			*		SAC			
Total EPA 8080	ND								

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PAGE: 40

ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638732 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R1-1-10.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.065	0.0176	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.065	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.065	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.065	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.065	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.065	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.065	0.1798	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	93	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	96	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/26/98			*		SAC			
Total EPA 8080	ND								

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638740 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D14-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
CC - Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.044	0.0119	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.044	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.044	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.044	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.044	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.044	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.044	0.1220	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	90	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	88	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/26/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638740 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D14-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/27/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/27/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/27/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/27/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/27/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/27/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.995	05/27/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	166.31	05/27/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.505	05/27/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/27/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/27/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/27/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/27/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/27/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/27/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/27/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/27/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/27/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/27/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/27/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/27/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/27/98	SAC	59-50-7		U

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638740 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D14-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	660	27.649	05/27/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/27/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/27/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/27/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/27/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/27/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/27/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/27/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/27/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/27/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/27/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/27/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/27/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/27/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/27/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/27/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/27/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/27/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/27/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	05/27/98	SAC	117-81-7	1,2	JB
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/27/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/27/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/27/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/27/98	SAC	117-84-0		U

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638740 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D14-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/27/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/27/98	SAC	132-64-9		U
Diethylphthalate	trace	ug/kg	330	30.341	05/27/98	SAC	84-66-2	1	J
Dimethylphthalate	ND	ug/kg	330	29.104	05/27/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/27/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.125	05/27/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/27/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/27/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/27/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/27/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/27/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/27/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.745	05/27/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/27/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/27/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/27/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/27/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/27/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/27/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/27/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	80	%		*	05/27/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	67	%		*	05/27/98	SAC	321-60-8		
2-Fluorophenol (S)	64	%		*	05/27/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	60	%		*	05/27/98	SAC	4165-60-0		

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Client Project ID: 980513-04

Pace Sample No.: 10638740 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D14-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	61	%		*	05/27/98	SAC	13127-88-		
Terphenyl-d14 (S)	106	%		*	05/27/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample NO.: 10638757 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D14-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC - Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	0.0081	05/27/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	*	05/27/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	*	05/27/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	*	05/27/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	*	05/27/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	*	05/27/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	0.0835	05/27/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	107	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	94	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/26/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Fax: 612-617-6444

Pace Analytical

ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638757 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D14-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method EPA 8270				Prep Method EPA 3270				
1,2,4-Trichlorobenzene	ND	ug/kg	350	27.769	05/27/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	350	42.146	05/27/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	350	33.142	05/27/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	350	28.374	05/27/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	350	57.207	05/27/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	350	55.331	05/27/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	350	45.142	05/27/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	350	173.57	05/27/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1700	47.778	05/27/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	350	37.176	05/27/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	350	39.087	05/27/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	350	34.081	05/27/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	350	45.858	05/27/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	350	27.945	05/27/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	350	99.275	05/27/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1700	39.763	05/27/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	350	33.672	05/27/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	690	25.303	05/27/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1700	35.284	05/27/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1700	37.457	05/27/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	350	49.457	05/27/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	690	41.160	05/27/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638757 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D14-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
4-Chloroaniline	ND	ug/kg	690	29.031	05/27/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	350	18.756	05/27/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	350	94.581	05/27/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1700	43.310	05/27/98	SAC	100 01-6		U
4-Nitrophenol	ND	ug/kg	1700	30.419	05/27/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	350	30.638	05/27/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	350	31.492	05/27/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	350	37.631	05/27/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	350	40.726	05/27/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	350	41.822	05/27/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	350	38.057	05/27/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	350	75.285	05/27/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	350	40.755	05/27/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	350	52.600	05/27/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1700	278.24	05/27/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	690	76.912	05/27/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	350	30.195	05/27/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	350	30.008	05/27/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	350	45.879	05/27/98	SAC	39638-32-		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	350	63.580	05/27/98	SAC	117-81-7	1,2	JB
Butylbenzylphthalate	ND	ug/kg	350	90.445	05/27/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	350	51.740	05/27/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	350	66.734	05/27/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	350	95.642	05/27/98	SAC	117-84-0		U

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Pace Analytical

ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638757 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D14-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Dibenz(a,h)anthracene	ND	ug/kg	350	39.866	05/27/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	350	33.478	05/27/98	SAC	132-64-9		U
Diethylphthalate	trace	ug/kg	350	31.858	05/27/98	SAC	84-66-2	1	J
Dimethylphthalate	ND	ug/kg	350	30.559	05/27/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	350	42.692	05/27/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	350	41.079	05/27/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	350	43.762	05/27/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	350	35.176	05/27/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	350	91.918	05/27/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	350	31.115	05/27/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	350	41.935	05/27/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	350	31.666	05/27/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	350	39.630	05/27/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	350	51.768	05/27/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	350	27.452	05/27/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	350	34.909	05/27/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1700	50.428	05/27/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	350	41.456	05/27/98	SAC	85-01-8		U
Phenol	ND	ug/kg	350	51.599	05/27/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	350	36.051	05/27/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	85	%		*	05/27/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	79	%		*	05/27/98	SAC	321-60-8		
2-Fluorophenol (S)	75	%		*	05/27/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	70	%		*	05/27/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

ace Project Number: 107394
Client Project ID: 980513-04

Pace Sample No.: 10638757 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D14-SURR Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Phenol-d6 (S)	72	%		*	05/27/98	SAC	13127-88-		
Terphenyl-d14 (S)	119	%		*	05/27/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
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Pace Analytical

ace Project Number: 107394
Client Project ID: 980513-04

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[2]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
[3]	The surrogate recovery was outside QC acceptance limits due to matrix interference.
[4]	Sample was finalyzed to 10.0 mL due to excessive matrix interferences.

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

May 28, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021678
Client Project ID: 980513-04

Dear :

Enclosed are the results of analyses for sample(s) received on May 14, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021678
Client Project ID: 980513-04

Pace Sample No.: 601875479 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID. T15-1-3.0 Date Received: 05/14/98

GC/MS – VOA

Volatile Organics Method: EPA 8260 Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2 Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2 Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.61	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/21/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021678
Client Project ID: 980513-04

Pace Sample No.: 601875479 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T15-1-3 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 6021678
Client Project ID: 980513-04

Pace Sample No.: 601075479 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T15-1-3 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.98	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	88	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	83	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	105	%		1.81	05/21/98	GPO	1868-53-7		
Toluene-d8 (S)	107	%		1.49	05/21/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021678
Client Project ID: 980513-04

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected

SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021680
Client Project ID: 980513-04

Attn: PROJECT MANAGER
Phone: (562)498-9515

Pace Sample No.: 601875594 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D4-3 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 6018/5694 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D4-3 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.6	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.66	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.36	05/21/98	GPO	106-43-4		U
4 Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601875594 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D4-3 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601875594 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D4-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.6	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	81	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	80	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	103	%		1.81	05/21/98	GPO	1868-53-7		
Toluene-d8 (S)	102	%		1.48	05/21/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601875602 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T15-1-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/21/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601875602 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T15-1-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND.	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 5021680
Client Project ID: 980513-04

Pace Sample No.: 001875602 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T15-1-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	90	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	99	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	106	%		1.81	05/21/98	GPO	1868-53-7		
Toluene d8 (S)	117	%		1.48	05/21/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601875610 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: T16-1-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/21/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601875610
Client Sample ID: T16-1-S

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	190	ug/kg	5	0.59	05/21/98	GPO	99-87-6		
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 6021660
Client Project ID: 980513-04

Pace Sample No.: 601875610
Client Sample ID: T16-1-S

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.68	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	84	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	90	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	97	%		1.81	05/21/98	GPO	1868-53-7		
Toluene d8 (S)	105	%		1.48	05/21/98	GPO	2037-26-5		
Total EPA 8260	**190**								

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601875628
Client Sample ID: R1-1-S
Date Collected: 05/12/98
Date Received: 05/14/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/21/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601875628
Client Sample ID: R1-1-S

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601875628
Client Sample ID: R1-1-S

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	88	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	89	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	103	%		1.81	05/21/98	GPO	1868-53-7		
Toluene-d8 (S)	112	%		1.48	05/21/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021660
Client Project ID: 980513-04

Pace Sample No.: 601875644
Client Sample ID: R1-1-2 0

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloromethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2 Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1 Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95-63-6		U
1,2 Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/21/98	GPO	106-43-4		U
4 Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 6018756-44
Client Sample ID: R1-1-2 0

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3 Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71 8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0 67	05/21/98	GPO	98-82 8		U
M&P-Xylene	ND	ug/kg	5	1 17	05/21/98	GPO			U
Methyl tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0 63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.69	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0 53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601875644 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R1-1-2 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127 18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	90	%		1.82	05/21/98	GPO	17060-07-0		
4 Bromofluorobenzene (S)	88	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	109	%		1.81	05/21/98	GPO	1868-53-7		
Toluene d8 (S)	107	%		1.48	05/21/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 0021680
Client Project ID: 980513-04

Pace Sample No.: 601875851 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R1-1-4.0 Date Received: 05/14/98

GC/MS -- VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.46	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/21/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601875651
Client Sample ID: R1-1-4 0

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 5021680
Client Project ID: 980513-04

Pace Sample No.: 601875651
Client Sample ID: R1-1-4 0

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	90	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	91	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	104	%		1.81	05/21/98	GPO	1868-53-7		
Toluene-d8 (S)	111	%		1.48	05/21/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601875669 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R1-1-10 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4 Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.66	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/21/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601875669 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R1-1-10 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601875669 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: R1-1-10 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.6	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	91	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	86	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	106	%		1.81	05/21/98	GPO	1868-53-7		
Toluene-d8 (S)	108	%		1.46	05/21/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Paco Project Number: 6021680
Client Project ID: 980513-04

Paco Sample No.: 601875735 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D4-S Date Received: 05/14/98

GC/MS -- VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95 63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108 67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.36	05/21/98	GPO	106-43-4		U
4-Methyl-2 Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601875735
Client Sample ID: D4-S

Date Collected: 05/12/98
Date Received: 05/14/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Paco Project Number: 6021680
Client Project ID: 980513-04

Paco Sample No.: 601875735 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D4-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	87	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	84	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	90	%		1.91	05/21/98	GPO	1868-53-7		
Toluene-d8 (S)	106	%		1.48	05/21/98	GPO	2037-26-5		

Total EPA 8260 **ND**

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601876186 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D11-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2 Tetrachloroethane	ND	ug/kg	5	0.44	05/22/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/22/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/22/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/22/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/22/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/22/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/22/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/22/98	GPO	87-61-6		U
1,2,3 Trichloropropane	ND	ug/kg	5	0.56	05/22/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/22/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/22/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/22/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/22/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/22/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/22/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/22/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/22/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/22/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/22/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/22/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/22/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/22/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/22/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/22/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/22/98	GPO	591-78-6		U
4 Chlorotoluene	ND	ug/kg	5	0.35	05/22/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/22/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/22/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/22/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/22/98	GPO	108-86-1		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601876188 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D11-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/22/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/22/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/22/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/22/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/22/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/22/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/22/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/22/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/22/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/22/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/22/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/22/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/22/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/22/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/22/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/22/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/22/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/22/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/22/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/22/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/22/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/22/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/22/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/22/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/22/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/22/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/22/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/22/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/22/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/22/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/22/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/22/98	GPO	994-05-8		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601876189 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D11-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/22/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/22/98	GPO	98-06-6		U
Tetrachloroethane	ND	ug/kg	5	0.97	05/22/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/22/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/22/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/22/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/22/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/22/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/22/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/22/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	86	%		1.82	05/22/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	98	%		1.01	05/22/98	GPO	460-00-4		
Dibromofluoromethane (S)	99	%		1.81	05/22/98	GPO	1868-53-7		
Toluene d8 (S)	113	%		1.48	05/22/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601876196 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D11-3 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/22/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/22/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/22/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/22/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/22/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/22/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/22/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/22/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/22/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/22/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/22/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/22/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/22/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/22/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/22/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/22/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/22/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/22/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/22/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/22/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/22/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/22/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/22/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/22/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/22/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/22/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/22/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/22/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/22/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/22/98	GPO	108-86-1		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601876196 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D11-3 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/22/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/22/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/22/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/22/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/22/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/22/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/22/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/22/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/22/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/22/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/22/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/22/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/22/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/22/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/22/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/22/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/22/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/22/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/22/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/22/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/22/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/22/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/22/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/22/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/22/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/22/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/22/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/22/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/22/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/22/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/22/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/22/98	GPO	994-05-8		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601876196 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D11-3.0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/22/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/22/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/22/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/22/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/22/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/22/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.6	05/22/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/22/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/22/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/22/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	82	%		1.82	05/22/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	88	%		1.01	05/22/98	GPO	460-00-4		
Dibromofluoromethane (S)	99	%		1.81	05/22/98	GPO	1868-53-7		
Toluene d8 (S)	105	%		1.48	05/22/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601876204 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D21-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/22/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/22/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/22/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/22/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/22/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/22/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/22/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/22/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/22/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/22/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/22/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/22/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/22/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/22/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/22/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/22/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/22/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/22/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/22/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/22/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/22/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/22/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/22/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/22/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/22/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/22/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/22/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/22/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/22/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/22/98	GPO	108-86-1		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601876204 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D21-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/22/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/22/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/22/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/22/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/22/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/22/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/22/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/22/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/22/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/22/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/22/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/22/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/22/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/22/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/22/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/22/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/22/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/22/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/22/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/22/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/22/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/22/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/22/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/22/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/22/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/22/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/22/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/22/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/22/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/22/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/22/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/22/98	GPO	994-05-8		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601876204 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D21-S Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/22/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/22/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/22/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/22/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/22/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/22/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/22/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/22/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/22/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/22/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	92	%		1.82	05/22/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	98	%		1.01	05/22/98	GPO	460-00-4		
Dibromofluoromethane (S)	100	%		1.81	05/22/98	GPO	1868-53-7		
Toluene d8 (S)	121	%		1.46	05/22/98	GPO	2037-26-5	1	
Total EPA 8260	**ND**								

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 6018/6212 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D21-3 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/22/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/22/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/22/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/22/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/22/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/22/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/22/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/22/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/22/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/22/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/22/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/22/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/22/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/22/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/22/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/22/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/22/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/22/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/22/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/22/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/22/98	GPO	594-20-7		U
2 Butanone	ND	ug/kg	10	2.72	05/22/98	GPO	78-93 3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/22/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/22/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/22/98	GPO	591-78-6		U
4 Chlorotoluene	ND	ug/kg	5	0.35	05/22/98	GPO	106-43-4		U
4 Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/22/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/22/98	GPO	67 64-1		U
Benzene	ND	ug/kg	5	0.69	05/22/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/22/98	GPO	108-86-1		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601876212 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D21-3 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/22/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/22/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/22/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/22/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/22/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/22/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/22/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/22/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/22/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/22/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/22/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/22/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/22/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/22/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/22/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/22/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/22/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/22/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/22/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/22/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/22/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/22/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/22/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/22/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/22/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/22/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/22/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/22/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/22/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/22/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/22/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/22/98	GPO	994-05-8		U

Pace Project Number: 6021680
Client Project ID: 980513-04

Pace Sample No.: 601876212 Date Collected: 05/12/98 Matrix: Soil
Client Sample ID: D21-3 0 Date Received: 05/14/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/22/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/22/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/22/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/22/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/22/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/22/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/22/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/22/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/22/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/22/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	92	%		1.82	05/22/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	85	%		1.01	05/22/98	GPO	460-00-4		
Dibromofluoromethane (S)	97	%		1.81	05/22/98	GPO	1868-53-7		
Toluene-d8 (S)	109	%		1.48	05/22/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021680
Client Project ID: 980513-04

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	The Surrogate recovery value exceeded the established laboratory control limit value(117%).

Pace Analytical

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980513-04
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423361

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8G001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date: 5-28-98
Sampler Signature	Date Sampled		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: OCP Metals	TPH-5	BTEX	SVOCs	VOCs	PCBs	REMARKS
1	D4-S	725	S								X	X		X			
2	D4-3.0	735												X			
3	D5-S	750										X	X		X		
4	D5-3.0	755										X	X		X		
5	T15-1-S	815												X			
6	T15-1-3.0	820												↓			
7	T15-1-5.0	825															
8	T16-1-S	835	↓								↓	↓	↓	X	X	X	RUSH Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
Overnight		5-12-98	

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/12/98	1700	CA Overnight	5/13/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

980513-04

Page 2 of 3

423360

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI

Address: 1320 W. Winton Ave
Hayward, CA 94545

Phone: (510) 785-1111

Report To: Frank Poss

Bill To: ←

P.O. # / Billing Reference: 575-8600

Project Name / No.:

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.:

Pace Project Manager:

Pace Project No.:

*Requested Due Date: 5-28-98

Sampled By (PRINT): Scott Bowers

Sampler Signature:

Date Sampled: 5/12/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	SVOCs	VOCs	PCBs	REMARKS
1																	
2	D11-S	855	S								X	X		X	X		
3	D11-3.0	900												X	X		
4	D22-S	920										X	X		X		
5	D22-3.0	925										X	X		X		
6	D21-S	930												X			
7	D21-3.0	935												X			
8	D20-S	945	↓								↓	X	X		X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnight			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	/ PSI	5/12/98	1700	CA Overnight	5/12/98	1700

SAMPLE CONDITION

Temp: ____°C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

980513-04

Page 3 of 3

423359

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O # / Billing Reference: 575-86001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date: 5-28-98
Sampler Signature	Date Sampled: 5-12-98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	CCR metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	D20-3.0	950	S								X	X	X	X	X		
2	R1-1-5	1020											X		X		
3	R1-1-2.0	1025															
4	R1-1-4.0	1030															
5	R1-1-10.0	1035															
6	D14-5	1055											X	X	X		only naphthalene in any sample
7	D14-3.0	1100	↓								↓	↓	X	X	X		
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
1 Overnight		5/12/98	

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/12/98	1700	CA Overnite	5/12/98	1700

SAMPLE CONDITION

Temp. ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

SITE INVESTIGATION REPORT
VOLUME 6 (APPENDIX C)

WEST APPROACH PROJECT INCLUDING
TRANSBAY TERMINAL LOOP
SAN FRANCISCO, CALIFORNIA

prepared for

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
111 Grand Avenue
Oakland, California

Task Order Number: 04-133331-DC
EA Number: 133331

prepared by

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
Environmental Engineering Branch
&
Professional Service Industries, Inc.
1320 West Winton Avenue
Hayward, California 94545
(510) 785-1111

June, 1999
575-8G001

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980514-04
PACE ANALYTICAL WO #: 13223A
Client ID #: 8G001 SFW

Date: 6/16/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/13/98 and received on 05/13/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
BTEX (Soil)	2-9
TPH-Speciation (Soil)	10-11
CCR Metals (Soil)	12-21
List of Abbreviations and Definitions	22

In addition the analyses for 8080, 8270 & 8260 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980514-04
PACE ANALYTICAL WO#:13223A
Client ID:8G001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	T13-2-S	T13-2-3.0	T13-3-S	T13-3-3.0	T12-1-S	T12-1-3.0	T12-1-5.0	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:								Acceptable Range:
a,a,a-Trifluorotoluene	95	94	86	93	92	92	98	59-134

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
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Pace Analytical

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	T11-2-S	T11-2-3.0	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	05/15/98	05/15/98	05/15/98	
Analyte				
Benzene	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	15
DF	1	1	1	
Surrogate Recovery %:				Acceptable Range:
a,a,a-Trifluorotoluene	88	88	97	59-134

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/15/98		05/15/98	05/15/98			
Analyte							
Benzene	91	74-110	91	87	72-115	4.5	0-26
Toluene	93	73-116	92	92	70-114	0.0	0-22
Ethylbenzene	94	75-118	93	87	68-119	6.7	0-24
Total Xylenes	94	78-120	94	89	74-117	5.5	0-22

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Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	T10-1-S	T10-1-5.0	T10-3-S	T10-3-3.0	T9-2-S	T9-2-10.0	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/16/98	05/16/98	05/16/98	05/16/98	05/16/98	05/16/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							**Acceptable Range:**
a,a,a-Trifluorotoluene	92	92	93	94	93	96	59-134

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Pace Analytical

PACE ANALYTICAL Project# 980514-04
PACE ANALYTICAL WO#:13223A
Client ID:8G001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	T8-2-S	T8-2-3.0	T8-4-S	T8-4-3.0	T12-3-S	T12-3-3.0	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	05/16/98	05/16/98	05/16/98	05/16/98	05/16/98	05/16/98	05/16/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:	
a,a,a-Trifluorotoluene	98	95	90	94	89	94	94	59-134

REPORT OF LABORATORY ANALYSIS

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PACE ANALYTICAL Project#:980514-04
PACE ANALYTICAL WO#:13223A
Client ID:8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/16/98		05/16/98	05/16/98			
Analyte							
Benzene	88	74-116	90	89	72-115	1.1	0-26
Toluene	92	73-116	91	91	70-114	0.0	0-22
Ethylbenzene	93	75-118	92	91	68-119	1.1	0-24
Total Xylenes	92	79-120	92	91	74-117	1.1	0-22

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980514-04
PACE ANALYTICAL WO#:13223A
Client ID:8G001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	T10-1-3.0	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg
Analysis Date:	05/19/98	05/19/98	
Analyte			
Benzene	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	5.0
Total Xylenes	<15	<15	15
DF	1	1	
Surrogate Recovery %:			**Acceptable Range:**
a,a,a-Trifluorotoluene	91	95	59-134

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980514-04
PACE ANALYTICAL WO#:13223A
Client ID:8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/19/98		05/19/98	05/19/98			
Analyte							
Benzene	91	74-116	89	87	72-115	2.3	0-26
Toluene	98	73-116	92	89	70-114	3.3	0-22
Ethylbenzene	95	75-118	94	90	68-119	4.3	0-24
Total Xylenes	98	78-120	94	91	74-117	3.2	0-22

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Pace Analytical

PACE ANALYTICAL Project#:980514-04
PACE ANALYTICAL WO#:13723A
Client ID:8G001 SFW

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	05/24/98	<10	—	10	1
T13-2-S	05/24/98	<10	—	10	1
T13-2-3.0	05/24/98	<10	—	10	1
T13-3-S	05/24/98	<10	—	10	1
T13-3-3.0	05/24/98	<10	—	10	1
T12-1-S	05/24/98	<10	—	10	1
T12-1-3.0	05/24/98	<10	—	10	1
T12-1-5.0	05/24/98	<10	—	10	1
T11-1-S	05/24/98	<10	—	10	1
T11-1-3.0	05/24/98	<10	—	10	1
T11-2-S	05/24/98	<10	—	10	1
T11-2-3.0	05/24/98	<10	—	10	1
T10-1-S	05/24/98	<10	—	10	1
T10-1-5.0	05/24/98	<10	—	10	1
T10-2-S	05/24/98	<10	—	10	1
T10-2-3.0	05/24/98	<10	—	10	1
T10-3-S	05/24/98	<10	—	10	1
T10-3-3.0	05/24/98	<10	—	10	1
T9-2-S	05/24/98	<10	—	10	1
T9-2-10.0	05/24/98	<10	—	10	1
T8-1-S	05/24/98	<10	—	10	1
T8-1-3.0	05/25/98	<10	—	10	1
T8-2-S	05/25/98	<10	—	10	1
T8-2-3.0	05/25/98	<10	—	10	1
T8-3-S	05/25/98	<10	—	10	1
T8-3-3.0	05/25/98	<10	—	10	1
T8-4-S	05/25/98	<10	—	10	1
T8-4-3.0	05/25/98	<10	—	10	1
T12-3-S	05/25/98	130	C20-C40 Oil	10	1
T12-3-3.0	05/25/98	<10	—	10	1
T11-3-S	05/25/98	<10	—	10	1
T11-3-3.0	05/25/98	<10	—	10	1
T13-1-S	05/25/98	<10	—	10	1
T13-1-3.0	05/25/98	<10	—	10	1
T10-1-3.0	05/25/98	<10	—	10	1

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Tel: 562 498-9515
Fax: 562-597-0786

Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/24/98		05/24/98	05/24/98			
TPH-Speciation	109	80-120	91	98	70-130	7.4	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/25/98		05/25/98	05/25/98			
TPH-Speciation	104	80-120	88	95	70-130	7.7	0-30

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Pace Analytical

PACE ANALYTICAL Project#:980514-04
PACE ANALYTICAL WO#:13223A
Client ID:BC001 SFW

Analyst:	BJ
Preparation Analyst.	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T13-2-S	T13-2-3.0	T12-1-S	T12-1-3.0	T12-1-5.0	T11-1-S	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	63	84	62	85	79	50	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.5	<0.5	0.5	<0.5	0.5	<0.5	0.5	6010
Chromium (Cr)	54	44	43	51	55	53	0.5	6010
Cobalt (Co)	13	4.0	7.6	12	9.8	11	1.0	6010
Copper (Cu)	6.4	4.5	7.6	8.1	8.4	11	2.5	6010
Lead (Pb)	2.2	<1.0	2.2	1.8	1.9	7.0	1.0	6010
Mercury (Hg)*	<0.05	<0.10**	<0.05	<0.10**	<0.05	0.06	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	31	32	22	35	33	43	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	59	22	46	48	52	42	0.5	6010
Zinc (Zn)	27	20	25	26	27	27	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/11/98
** Analyzed at ATL, 6/27/98, PRL = 0.10.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T11-1-3.0	T11-2-S	T11-2-3.0	T10-1-S	T10-1-5.0	T10-2-S	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	5.4	<5.0	5.0	6010
Barium (Ba)	40	88	120	<10	170	36	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.5	6010
Chromium (Cr)	34	47	93	38	22	27	0.5	6010
Cobalt (Co)	10	9.9	8.3	15	9.6	8.4	1.0	6010
Copper (Cu)	3.9	8.5	6.9	<2.5	35	6.7	2.5	6010
Lead (Pb)	2.1	5.1	<1.0	<1.0	14	78	1.0	6010
Mercury (Hg)*	<0.10**	<0.05	<0.10**	<0.05	0.11**	0.06	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	18	39	36	39	38	22	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	29	41	47	49	21	26	0.5	6010
Zinc (Zn)	15	26	26	<10	77	23	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/11/98.
** Analyzed at ATL, 5/27/98. PRL = 0.10.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/24/98		05/24/98	05/24/98			
Analyte	EPA Method							
Antimony (Sb)	6010	98	70-130	33***	40***	80-130	19	0-25
Arsenic (As)	6010	90	78-104	74	72	34-135	2.7	0-15
Barium (Ba)	6010	103	81-117	91	91	55-130	0.0	0-25
Beryllium (Be)	6010	93	70-130	84	82	70-130	2.4	0-25
Cadmium (Cd)	6010	86	75-104	74	73	73-115	1.4	0-15
Chromium (Cr)	6010	92	81-103	91	91	62-125	0.0	0-15
Cobalt (Co)	6010	88	70-130	72	71	70-130	1.4	0-25
Copper (Cu)	6010	94	70-130	88	88	70-140	0.0	0-25
Lead (Pb)	6010	83	76-104	66	64	48-120	3.1	0-30
Mercury (Hg)*	7471	101	76-121	100	86	70-135	16	0-30
Mercury (Hg)**	7471	102	76-121	116	106	70-135	9	0-30
Molybdenum (Mo)	6010	92	70-130	72	74	70-130	2.7	0-25
Nickel (Ni)	6010	88	70-130	83	89	70-130	7.0	0-25
Selenium (Se)	6010	90	79-102	72	60	42-120	4.3	0-16
Silver (Ag)	6010	93	77-107	81	78	53-115	3.8	0-19
Thallium (Tl)	6010	88	70-130	76	77	70-130	1.3	0-25
Vanadium (V)	6010	93	70-130	89	95	70-130	6.5	0-25
Zinc (Zn)	6010	91	70-130	74	72	70-130	2.7	0-25

*Mercury analyzed on 06/11/98
** Analyzed at ATL, 5/27/98. PRL = 0.10.
*** Sample matrix effect.

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PACE ANALYTICAL Project#:980514-04
PACE ANALYTICAL WO#:13223A
Client ID:8G001 SFW

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T10-2-3.0	T10-3-S	T10-3-3.0	T9-2-S	T9-2-10.0	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	62	91	160	130	95	10	6010
Beryllium (Be)	0.6	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	8.6	48	38	34	68	0.5	6010
Cobalt (Co)	8.4	10	7.0	13	8.3	1.0	6010
Copper (Cu)	6.3	18	17	13	6.8	2.5	6010
Lead (Pb)	5.1	67	280	21	1.6	1.0	6010
Mercury (Hg)*	<0.10**	0.12	<0.10**	0.09	<0.10**	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	34	33	26	26	40	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	15	37	31	33	31	0.5	6010
Zinc (Zn)	29	90	60	49	24	10	6010
DF	1	1	1	1	1		

*Mercury analyzed on 06/11/98
** Analyzed at ATL. 5/27/98. PRL = 0.10.

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Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T8-1-S	T8-1-3.0	T8-2-S	T8-2-3.0	T8-3-S	T8-3-3.0	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	120	66	140	66	55	92	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.5	6010
Chromium (Cr)	24	37	36	66	61	42	0.5	6010
Cobalt (Co)	12	6.8	7.6	8.8	31	8.6	1.0	6010
Copper (Cu)	14	7.3	17	12	16	12	2.5	6010
Lead (Pb)	59	2.6	93	36	5.5	4.5	1.0	6010
Mercury (Hg)*	0.06	<0.10**	0.14	0.18**	0.06	<0.10**	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	22	20	26	35	41	26	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	25	28	28	43	45	39	0.5	6010
Zinc (Zn)	69	21	81	34	33	28	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/11/98.
** Analyzed at ATL, 5/27/98, PRL = 0.10

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Pace Analytical

PACE ANALYTICAL Project#:980514-04
PACE ANALYTICAL WO#:13223A
Client ID:8G001 SFW

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T8-4-S	T8-4-3.0	T12-3-S	T12-3-3.0	T11-3-S	T11-3-3.0	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	65	76	170	57	86	62	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	37	38	35	43	27	44	0.5	6010
Cobalt (Co)	9.5	7.8	8.1	9.5	5.8	6.2	1.0	6010
Copper (Cu)	19	8.7	29	9.0	10	8.3	2.5	6010
Lead (Pb)	34	2.5	340	2.8	210	2.5	1.0	6010
Mercury (Hg)*	0.06	<0.10**	0.24	<0.10**	0.85	<0.10**	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	29	25	28	32	20	31	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	32	34	29	35	27	39	0.5	6010
Zinc (Zn)	48	23	260	24	42	20	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/11/98.
** Analyzed at ATL, 5/27/98, PRL = 0.10.

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Pace Analytical

PACE ANALYTICAL Project#:980514-04
PACE ANALYTICAL WO#:13223A
Client ID:8G001 SFW

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T13-1-S	T13-1-3.0	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/24/98	05/24/98	05/24/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	48	63	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	42	26	<0.5	0.5	6010
Cobalt (Co)	2.7	1.9	<1.0	1.0	6010
Copper (Cu)	5.2	5.0	<2.5	2.5	6010
Lead (Pb)	4.3	5.2	<1.0	1.0	6010
Mercury (Hg)*	<0.05	<0.10**	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	13	12	<0.5	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	32	26	<0.5	0.5	6010
Zinc (Zn)	16	17	<10	10	6010
DF	1	1	1		

*Mercury analyzed on 06/11/98
** Analyzed at ATL, 5/27/98, PRL = 0.10.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0785

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/24/98		05/24/98	05/24/98			
Antimony (Sb)	6010	85	70-130	41***	40***	60-130	2.5	0-25
Arsenic (As)	6010	86	78-104	70	75	34-135	6.9	0-15
Barium (Ba)	6010	99	81-117	97	95	55-130	2.1	0-25
Beryllium (Be)	6010	90	70-130	83	84	70-130	1.2	0-25
Cadmium (Cd)	6010	85	75-104	76	80	73-115	5.1	0-15
Chromium (Cr)	6010	90	81-103	55***	77	62-126	33	0-15
Cobalt (Co)	6010	88	70-130	75	82	70-130	8.9	0-25
Copper (Cu)	6010	91	70-130	86	88	70-140	2.3	0-25
Lead (Pb)	6010	85	76-104	67	73	48-120	8.6	0-30
Mercury (Hg)*	7471	101	76-121	100	86	70-135	16	0-30
Mercury (Hg)**	7471	98	76-121	100	110	70-135	9	0-30
Molybdenum (Mo)	6010	91	70-130	79	81	70-130	2.5	0-25
Nickel (Ni)	6010	88	70-130	72	88	70-130	20	0-25
Selenium (Se)	6010	90	79-102	71	72	42-120	1.4	0-16
Silver (Ag)	6010	91	77-107	84	79	53-115	6.1	0-19
Thallium (Tl)	6010	88	70-130	73	78	70-130	6.6	0-25
Vanadium (V)	6010	91	70-130	73	91	70-130	22	0-25
Zinc (Zn)	6010	86	70-130	74	75	70-130	1.3	0-25

*Mercury ran on 06/11/98.
** Analyzed at ATL, 5/27/98, PRL = 0.10.
*** Sample matrix effect.

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Pace Analytical

PACE ANALYTICAL Project#:980514-04
PACE ANALYTICAL WO#:13223A
Client ID:8G001 SFW

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T10-1-3	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/24/98			
Analyte				
Antimony (Sb)	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	5.0	6010
Barium (Ba)	170	<10	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.5	6010
Chromium (Cr)	16	<0.5	0.5	6010
Cobalt (Co)	8.5	<1.0	1.0	6010
Copper (Cu)	26	<2.5	2.5	6010
Lead (Pb)	22	<1.0	1.0	6010
Mercury (Hg)*	0.09	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	2.5	6010
Nickel (Ni)	29	<0.5	0.5	6010
Selenium (Se)	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	5.0	6010
Vanadium (V)	18	<0.5	0.5	6010
Zinc (Zn)	52	<10	10	6010
DF	1	1		

*Mercury ran on 06/11/98

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/24/98		05/24/98	05/24/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	89	70-130	38***	46***	60-130	19	0-25
Arsenic (As)	6010	90	78-104	80	76	34-135	5.1	0-15
Barium (Ba)	6010	101	81-117	87	87	55-130	0.0	0-25
Beryllium (Be)	6010	92	70-130	80	79	70-130	1.3	0-25
Cadmium (Cd)	6010	87	75-104	77	73	73-115	5.3	0-15
Chromium (Cr)	6010	91	81-103	82	73	62-125	12	0-15
Cobalt (Co)	6010	90	70-130	77	71	70-130	8.1	0-25
Copper (Cu)	6010	91	70-130	86	77	70-140	11	0-25
Lead (Pb)	6010	87	76-104	70	67	48-120	4.4	0-30
Mercury (Hg)*	7471	101	76-121	100	86	70-135	16	0-30
Mercury (Hg)**	7471	98	76-121	104	107	70-135	3	0-30
Molybdenum (Mo)	6010	91	70-130	75	75	70-130	0.0	0-25
Nickel (Ni)	6010	89	70-130	85	60***	70-130	19	0-25
Selenium (Se)	6010	89	79-102	71	69	42-120	2.9	0-16
Silver (Ag)	6010	94	77-107	83	79	53-115	4.9	0-19
Thallium (Tl)	6010	90	70-130	80	76	70-130	5.1	0-25
Vanadium (V)	6010	92	70-130	84	77	70-130	8.7	0-25
Zinc (Zn)	6010	89	70-130	76	73	70-130	4.0	0-25

*Mercury ran on 06/11/98.
** Analyzed at ATL, 5/27/98, PRL = 0.10
*** Sample matrix effect

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Advanced Technology Laboratories

May 27, 1998

ELAP No.: 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: 980514-04
Lab No.: 26234-001/016

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report

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Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical Service
Attn: Mr. Richard Villafania

Client's Project: 980514-04

Date Received: 05/22/98
Date Sampled: N/A

Lab No	Sample I.D.	Analysis	Date Analyzed	Results	Matrix Units	MDL	DLR	Analyst
26234-001	T9-2-10	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26234-002	T8-1-3.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26234-003	T8-2-3.0	EPA 7471 (Mercury)	05/27/98	0.18	Soil, mg/kg	0.10	0.10	DJ
26234-004	T8-3-3.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26234-005	T8-4-3.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26234-006	T12-3-3.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26234-007	T11-3-3.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26234-008	T13-1-3.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26234-009	T13-2-3.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26234-010	T13-3-3.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26234-011	T12-1-3.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26234-012	T11-1-3.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26234-013	T11-2-3.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26234-014	T10-1-5.0	EPA 7471 (Mercury)	05/27/98	0.11	Soil, mg/kg	0.10	0.10	DJ
26234-015	T10-2-3.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26234-016	T10-3-3.0	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: Cheryl DeAlos Reyes
Department Supervisor

Date: 5/27/98

The cover letter is an integral part of this analytical report

Spike Recovery and RPD Summary Report

Method: EPA7471
Analyst: CDR DJ
Data File: 80527-3
QA File: 8148-3

Date Analyzed: 05-27-98
Date Digested: 05-27-98
Sample ID: see below
Matrix: soil

SPL ID	UNITS	LCS Conc	LCS Res	%Rec	METH BLANK	SPL CONC	SPL DUP	%Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	%REC Limit	RPD	RPD Limit	MDL
26234-010	mg/kg	0.50	0.51	102	ND	ND	ND	0	0.83	0.96	0.88	116	106	63-139	9	30	0.10
26235-004	mg/kg	0.50	0.49	98	ND	ND	ND	0	0.83	0.83	0.91	100	110	63-139	9	30	0.10
26236-004	mg/kg	0.50	0.44	88	ND	ND	ND	0	0.83	0.86	0.89	104	107	63-139	3	30	0.10

Approved by: Cheryl Du L. Reyes
Inorganics Supervisor

Date: 5/29/98

Advanced Technology Laboratories

Pace Analytical

Sub 1 of 2

423636

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical	Report To: Richard	Turn around Time: ☐ 24 Hours ☒ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address:	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No. 980514-04
Phone: 498-9515	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Hg	REMARKS
1	T9-2-10		SOIL								X	
2	T8-1-3.0										X	
3	T8-2-3.0										X	
4	T8-3-3.0										X	
5	T8-4-3.0										X	
6	T10-3-3.0										X	
7	T11-3-3.0										X	
8	T13-1-3.0										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	[signature]	5/22/98		Diane Bolvan/ATL	5-22-98	17:38

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

SDG 111 2 of 2

423635

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical	Report To: Richard V.	Turn around Time: ☐ 24 Hours ☒ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 3970 Gilman Long Beach, CA 90815	Bill To:		Pace Project Manager: -02 -03
Phone: 498-9515	P.O. # / Billing Reference		Pace Project No. 980514-04
	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST	REMARKS
1	T13-2-3.0		Soil								X	
2	T13-3-3.0										X	
3	T12-1-3.0										X	
4	T11-1-3.0										X	
5	T11-2-3.0										X	
6	T10-1-5.0										X	
7	T10-2-3.0										X	
8	T10-3-3.0										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1		5/19/98		Diane Bolivar/ATL	5-22-98	1138

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

June 02, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021718
Client Project ID: 980514-04

Dear :

Enclosed are the results of analyses for sample(s) received on May 16, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, Inc.

SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021718
Client Project ID: 980514-04

Attn: PROJECT MANAGER
Phone: (562)498-9515

Pace Sample No.: 601879364
Client Sample ID: T10-1-3

Date Collected: 05/13/98
Date Received: 05/16/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/29/98	AKG	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/29/98	AKG	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/29/98	AKG	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/29/98	AKG	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/29/98	AKG	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/29/98	AKG	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	660		05/29/98	AKG	11096-82-5		U
Decachlorobiphenyl (S)	0	%			05/29/98	AKG	2051-24-3	1	
Tetrachloro-meta-xylene (S)	0	%			05/29/98	AKG	877-09-8		
Date Extracted	05/26/98					AKG			
Total EPA 8082	ND								

Pace Project Number: 6021718
Client Project ID: 980514-04

Pace Sample No.: 601879364 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-1-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/29/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/29/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/29/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/29/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/29/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/29/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/29/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/29/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/29/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/29/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/29/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/29/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/29/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/29/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/29/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/29/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/29/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/29/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/29/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/29/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/29/98	DM	101-55-3		U
4 Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/29/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/29/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/29/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/29/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/29/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/29/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/29/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/29/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/29/98	DM	120-12-7		U

Pace Project Number: 6021718
Client Project ID: 980514-04

Pace Sample No.: 601879364 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-1-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/29/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/29/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/29/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/29/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/29/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/29/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/29/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/29/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/29/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/29/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/29/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/29/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/29/98	DM	218-01-9		U
Di-n-butylphthalate	1800	ug/kg	660	31.442	05/29/98	DM	84-74-2		
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/29/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/29/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/29/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/29/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/29/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/29/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/29/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/29/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.760	05/29/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/29/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/29/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/29/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/29/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/29/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/29/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/29/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/29/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/29/98	DM	87-86-5		U

Pace Project Number: 6021718
Client Project ID: 980514-04

Pace Sample No.: 601879364 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-1-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/29/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	10.526	05/29/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/29/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	78	%			05/29/98	DM	118-79-6		
2-Fluorobiphenyl (S)	81	%			05/29/98	DM	321-60-8		
2-Fluorophenol (S)	84	%			05/29/98	DM	367-12-4		
Nitrobenzene-d5 (S)	73	%			05/29/98	DM	4165-60-0		
Phenol-d6 (S)	82	%			05/29/98	DM	13127-88-3		
Terphenyl-d14 (S)	86	%			05/29/98	DM	1718-51-0		
Date Extracted	05/22/98					DM			

Total EPA 8270 1800

Pace Project Number: 6021718
Client Project ID: 980514-04

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	The sample contains matrix interference requiring sample dilution. The method detection limits are adjusted for the dilution and the surro

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

Pace Analytical

June 01, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021696
Client Project ID: 980514-04

Dear :

Enclosed are the results of analyses for sample(s) received on May 15, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 5021695
Client Project ID: 980514-04

Attn: PROJECT MANAGER
Phone: (562)498-9515

Pace Sample No.: 601877509 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T13-2-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877509 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T13-2-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/28/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/28/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/28/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/28/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/28/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/28/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/28/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/28/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/28/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/28/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/28/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.168	05/28/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/28/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/28/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/28/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/28/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/28/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/28/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/28/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/28/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/28/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/28/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/28/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/28/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/28/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/28/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/28/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/28/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.193	05/28/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/28/98	WAW	120-12-7		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No: 601877509 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T13-2-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/28/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/28/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/28/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/28/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/28/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/28/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	26.760	05/28/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/28/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/28/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/28/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/28/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/28/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/28/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/28/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/28/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/28/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/28/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/28/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/28/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/28/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/28/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/28/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/28/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/28/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/28/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/28/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/28/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/28/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/28/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/28/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/28/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.071	05/28/98	WAW	87-86-5		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877509 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T13-2-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/28/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/28/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/28/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	71	%			05/28/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	78	%			05/28/98	WAW	321-60-8		
2-Fluorophenol (S)	80	%			05/28/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	73	%			05/28/98	WAW	4165-60-0		
Phenol-d6 (S)	72	%			05/28/98	WAW	13127-88-3		
Terphenyl-d14 (S)	84	%			05/28/98	WAW	1718-51-0		
Date Extracted	05/21/98					WAW			

Total EPA 8270 ND

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877517 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T12-1-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/27/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/27/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/27/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/27/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/27/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/27/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/27/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/27/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/27/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/27/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/27/98	WAW	606-20-2		U
2 Chloronaphthalene	ND	ug/kg	660	16.158	05/27/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/27/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/27/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/27/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/27/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/27/98	WAW	88-75-5		U
3,3' Dichlorobenzidine	ND	ug/kg	1300	478.66	05/27/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.084	05/27/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/27/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/27/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/27/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/27/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/27/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/27/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/27/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/27/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.628	05/27/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/27/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/27/98	WAW	120-12-7		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877517 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T12-1-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/27/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/27/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/27/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/27/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/27/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/27/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/27/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/27/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/27/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/27/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/27/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/27/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/27/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/27/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/27/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/27/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/27/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/27/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/27/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/27/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.193	05/27/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/27/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/27/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/27/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/27/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/27/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/27/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.640	05/27/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/27/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/27/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/27/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/27/98	WAW	87-86-5		U

Pace Project Number: 5021696
Client Project ID: 980514-04

Pace Sample No.: 601877517 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T12-1-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/27/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/27/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/27/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	68	%			05/27/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	72	%			05/27/98	WAW	321-60-8		
2-Fluorophenol (S)	72	%			05/27/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	65	%			05/27/98	WAW	4165-60-0		
Phenol-d6 (S)	67	%			05/27/98	WAW	13127-88-3		
Terphenyl-d14 (S)	79	%			05/27/98	WAW	1718-51-0		
Date Extracted	05/21/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 60187525 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T12-1-5.0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/27/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.691	05/27/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/27/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/27/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/27/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/27/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/27/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/27/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/27/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/27/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/27/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/27/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/27/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/27/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/27/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/27/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/27/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/27/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/27/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/27/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/27/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/27/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/27/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/27/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/27/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/27/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/27/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/27/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/27/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/27/98	DM	120-12-7		U

Pace Project Number: 8021696
Client Project ID: 980514-04

Pace Sample No.: 601877525 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T12-1-5.0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/27/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/27/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/27/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.482	05/27/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/27/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/27/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/27/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/27/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/27/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/27/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/27/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/27/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/27/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/27/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/27/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/27/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/27/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/27/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/27/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/27/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/27/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/27/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/27/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/27/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/27/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/27/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/27/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/27/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/27/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/27/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/27/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/27/98	DM	87-86-5		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No: 601877525 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T12-1-5 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/27/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	16.526	05/27/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/27/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	84	%			05/27/98	DM	118-79-6		
2-Fluorobiphenyl (S)	88	%			05/27/98	DM	321-60-8		
2-Fluorophenol (S)	94	%			05/27/98	DM	367-12-4		
Nitrobenzene-d5 (S)	83	%			05/27/98	DM	4165-60-0		
Phenol-d6 (S)	85	%			05/27/98	DM	13127-88-3		
Terphenyl-d14 (S)	95	%			05/27/98	DM	1718-51-0		
Date Extracted	05/21/98					DM			
Total EPA 8270	ND								

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877541 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T11-2-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/28/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/28/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/28/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/28/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/28/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/28/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/28/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/28/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/28/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/28/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/28/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/28/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/28/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/28/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/28/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/28/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/28/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/28/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/28/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.992	05/28/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/28/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/28/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/28/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/28/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/28/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/28/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/28/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/28/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/28/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/28/98	WAW	120-12-7		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877541 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T11-2-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/28/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/28/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/28/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/28/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/28/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/28/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/28/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/28/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/28/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/28/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/28/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/28/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.984	05/28/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/28/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/28/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/28/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/28/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/28/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	16.323	05/28/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	16.701	05/28/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/28/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/28/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/28/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/28/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/28/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/28/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	60.187	05/28/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/28/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/28/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/28/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/28/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/28/98	WAW	87-86-5		U

Pace Project Number: 6021695
Client Project ID: 980514-04

Pace Sample No.: 601877541 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T11-2-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/28/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/28/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/28/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	80	%			05/28/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	90	%			05/28/98	WAW	321-60-8		
2-Fluorophenol (S)	94	%			05/28/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	88	%			05/28/98	WAW	4165-60-0		
Phenol-d6 (S)	85	%			05/28/98	WAW	13127-88-3		
Terphenyl d14 (S)	82	%			05/28/98	WAW	1718-51-0		
Date Extracted	05/21/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 60187758 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-1-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/28/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/28/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/28/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/28/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/28/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/28/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/28/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/28/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/28/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/28/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/28/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/28/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/28/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/28/98	WAW	91 57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/28/98	WAW	95-48-7		U
2 Nitroaniline	ND	ug/kg	3200	17.412	05/28/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17 890	05/28/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478 65	05/28/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/28/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/28/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/28/98	WAW	101-55-3		U
4-Chloro 3-methylphenol	ND	ug/kg	1300	17.372	05/28/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/28/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/28/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/28/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/28/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17 890	05/28/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/28/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/28/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13 651	05/28/98	WAW	120-12 7		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877558 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-1-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/28/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/28/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/28/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/28/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/28/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/28/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/28/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/28/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/28/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/28/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/28/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/28/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/28/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/28/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/28/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/28/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/28/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/28/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/28/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/28/98	WAW	206 44-0		U
Fluorene	ND	ug/kg	660	15.183	05/28/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/28/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/28/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/28/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	20.551	05/28/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/28/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/28/98	WAW	78-59-1		U
N Nitroso di-n propylamine	ND	ug/kg	660	18.646	05/28/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/28/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/28/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/28/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/28/98	WAW	87-86-5		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877558 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-1-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/28/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	16.526	05/28/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/28/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	86	%			05/28/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	94	%			05/28/98	WAW	321-60-8		
2-Fluorophenol (S)	96	%			05/28/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	90	%			05/28/98	WAW	4165-60-0		
Phenol-d6 (S)	87	%			05/28/98	WAW	13127-88-3		
Terphenyl-d14 (S)	78	%			05/28/98	WAW	1718-51-0		
Date Extracted	05/21/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877566 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-2-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/27/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/27/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/27/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/27/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/27/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/27/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/27/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/27/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/27/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/27/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/27/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/27/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/27/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/27/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/27/98	DM	95-48-7		U
2 Nitroaniline	ND	ug/kg	3200	17.412	05/27/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/27/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/27/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/27/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/27/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/27/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/27/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/27/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/27/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/27/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/27/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/27/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/27/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/27/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/27/98	DM	120-12-7		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877566 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-2-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/27/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/27/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/27/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/27/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/27/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/27/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/27/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/27/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/27/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/27/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/27/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/27/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.984	05/27/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/27/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/27/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/27/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/27/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/27/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	16.323	05/27/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/27/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/27/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/27/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/27/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/27/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/27/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/27/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/27/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/27/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/27/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/27/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/27/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/27/98	DM	87-86-5		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877566 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-2-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/27/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/27/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/27/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	86	%			05/27/98	DM	118-79-6		
2-Fluorobiphenyl (S)	83	%			05/27/98	DM	321-60-8		
2-Fluorophenol (S)	87	%			05/27/98	DM	367-12-4		
Nitrobenzene-d5 (S)	73	%			05/27/98	DM	4165-60-0		
Phenol-d6 (S)	78	%			05/27/98	DM	13127-88-3		
Terphenyl-d14 (S)	83	%			05/27/98	DM	1718-51-0		
Date Extracted	05/21/98					DM			
Total EPA 8270	ND								

Pace Project Number: 6021898
Client Project ID: 980514-04

Pace Sample No.: 601877574 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID. T10-3-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/27/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/27/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.905	05/27/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/27/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/27/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/27/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/27/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/27/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/27/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/27/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/27/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/27/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/27/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/27/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/27/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/27/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/27/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/27/98	WAW	91-94-1		U
3 Nitroaniline	ND	ug/kg	3200	15.064	05/27/98	WAW	99-09-2		U
4,6 Dinitro 2 methylphenol	ND	ug/kg	3200	90.982	05/27/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/27/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/27/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/27/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/27/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/27/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/27/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/27/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/27/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/27/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/27/98	WAW	120-12-7		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877574 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-3-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/27/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/27/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/27/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/27/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/27/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/27/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/27/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/27/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/27/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/27/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/27/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/27/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/27/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/27/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/27/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/27/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/27/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/27/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/27/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/27/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/27/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/27/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/27/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/27/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/27/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/27/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/27/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/27/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/27/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/27/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/27/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/27/98	WAW	87-86-5		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 801877574 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-3-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/27/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/27/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/27/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	79	%			05/27/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	82	%			05/27/98	WAW	321-60-8		
2-Fluorophenol (S)	82	%			05/27/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	76	%			05/27/98	WAW	4165-60-0		
Phenol-d6 (S)	76	%			05/27/98	WAW	13127-88-3		
Terphenyl-d14 (S)	90	%			05/27/98	WAW	1718-51-0		
Date Extracted	05/21/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877582 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T9-2-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/28/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/28/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/28/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/28/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/28/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/28/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/28/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/28/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/28/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/28/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/28/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/28/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/28/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/28/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/28/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/28/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/28/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	476.65	05/28/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/28/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/28/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/28/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/28/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/28/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/28/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/28/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/28/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/28/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/28/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/28/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/28/98	WAW	120-12-7		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877582 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T9-2-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/28/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/28/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/28/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/28/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/28/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/28/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/28/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/28/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/28/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/28/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/28/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/28/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/28/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/28/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/28/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/28/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/28/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/28/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/28/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/28/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/28/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/28/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/28/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/28/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/28/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/28/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/28/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/28/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/28/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/28/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/28/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/28/98	WAW	87-86-5		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877582 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T9-2-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/28/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/28/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/28/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	71	%			05/28/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	73	%			05/28/98	WAW	321-60-8		
2-Fluorophenol (S)	70	%			05/28/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	63	%			05/28/98	WAW	4165-60-0		
Phenol-d6 (S)	63	%			05/28/98	WAW	13127-88-3		
Terphenyl-d14 (S)	72	%			05/28/98	WAW	1718-51-0		
Date Extracted	05/21/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877590 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T8-2-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/27/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/27/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/27/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/27/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/27/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/27/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/27/98	WAW	120-83-2		U
2,4 Dimethylphenol	ND	ug/kg	660	10.686	05/27/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/27/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/27/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/27/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/27/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/27/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/27/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/27/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/27/98	WAW	88.74 4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/27/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/27/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.054	05/27/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/27/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/27/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/27/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/27/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/27/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.025	05/27/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/27/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/27/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/27/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/27/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/27/98	WAW	120-12-7		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877590 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T8-2-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/27/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/27/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/27/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/27/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/27/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/27/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/27/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/27/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/27/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/27/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/27/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/27/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/27/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/27/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/27/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/27/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/27/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/27/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/27/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/27/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/27/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/27/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/27/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.661	05/27/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	20.551	05/27/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/27/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/27/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/27/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/27/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/27/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/27/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/27/98	WAW	87-86-5		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877590 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T8-Z-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/27/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/27/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/27/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	84	%			05/27/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	87	%			05/27/98	WAW	321-60-8		
2-Fluorophenol (S)	91	%			05/27/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	79	%			05/27/98	WAW	4165-60-0		
Phenol-d6 (S)	81	%			05/27/98	WAW	13127-88-3		
Terphenyl-d14 (S)	95	%			05/27/98	WAW	1718-51-0		
Date Extracted	05/21/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877608 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T8-3-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082					Prep Method: EPA 8082			
PCB-1016 (Arochlor 1016)	ND	ug/kg	66		05/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	66		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	66		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	66		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	66		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	66		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	66		05/28/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	88	%			05/28/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	85	%			05/28/98	AFT	877-09-8		
Date Extracted	05/26/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877616 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T8-4-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/28/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/28/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/28/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.88	05/28/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/28/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/28/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/28/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/28/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/28/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/28/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/28/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/28/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/28/98	WAW	95-57-8		U
2 Methylnaphthalene	ND	ug/kg	660	33.26	05/28/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/28/98	WAW	95-48.7		U
2-Nitroaniline	ND	ug/kg	3200	17 5	05/28/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17 98	05/28/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481 06	05/28/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/28/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/28/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/28/98	WAW	101 55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17 46	05/28/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16,54	05/28/98	WAW	106-47-8		U
4 Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/28/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	16	05/28/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.9	05/28/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/28/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/28/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17 24	05/28/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13 72	05/28/98	WAW	120-12-7		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877616 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T8-4-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/28/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/28/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/28/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/28/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/28/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/28/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/28/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/28/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/28/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/28/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.99	05/28/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/28/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/28/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/28/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/28/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/28/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/28/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/28/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/28/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/28/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/28/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/28/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/28/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/28/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	20.7	05/28/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/28/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/28/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/28/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/28/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/28/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/28/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/28/98	WAW	87-86-5		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877616 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T8-4-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/28/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/28/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/28/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	81	%			05/28/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	94	%			05/28/98	WAW	321-60-8		
2-Fluorophenol (S)	93	%			05/28/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	86	%			05/28/98	WAW	4165-60-0		
Phenol-d6 (S)	84	%			05/28/98	WAW	13127-88-3		
Terphenyl-d14 (S)	73	%			05/28/98	WAW	1718-51-0		
Date Extracted	05/21/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877756 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T12-3-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/28/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/28/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/28/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/28/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/28/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/28/98	WAW	88-06-2		U
2,4 Dichlorophenol	ND	ug/kg	660	47.939	05/28/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/28/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/28/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/28/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/28/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.168	05/28/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/28/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/28/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/28/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/28/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/28/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/28/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/28/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/28/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/28/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/28/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/28/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/28/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/28/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/28/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/28/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/28/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/28/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/28/98	WAW	120-12-7		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877756 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T12-3-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/28/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/28/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/28/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/28/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/28/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/28/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/28/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/28/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/28/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/28/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/28/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/28/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/28/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/28/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/28/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/28/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/28/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/28/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/28/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/28/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/28/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/28/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/28/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/28/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/28/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/28/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/28/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.046	05/28/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/28/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/28/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/28/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/28/98	WAW	87-86-5		U

Pace Project Number: 6021696
Client Project ID: 980514-04

Pace Sample No.: 601877756 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T12-3-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/28/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/28/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/28/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	72	%			05/28/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	96	%			05/28/98	WAW	321-60-8		
2-Fluorophenol (S)	44	%			05/28/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	89	%			05/28/98	WAW	4165-60-0		
Phenol-d6 (S)	74	%			05/28/98	WAW	13127-88-3		
Terphenyl-d14 (S)	73	%			05/28/98	WAW	1718-51-0		
Date Extracted	05/21/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 8021696
Client Project ID: 980514-04

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
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Pace Analytical

May 28, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021694
Client Project ID: 980514-04

Dear :

Enclosed are the results of analyses for sample(s) received on May 15, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601876980 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T13-Z-3.0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	1600	93.768	05/20/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	1600	63.399	05/20/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	1600	46.588	05/20/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	1600	98.254	05/20/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	1600	35.693	05/20/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	1600	59.209	05/20/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	1600	118.76	05/20/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	1600	26.474	05/20/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	7900	227.27	05/20/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	1600	27.705	05/20/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	1600	42.693	05/20/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	1600	40.031	05/20/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	1600	43.285	05/20/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	1600	81.985	05/20/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	1600	36.976	05/20/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	7900	43.137	05/20/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	1600	44.320	05/20/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	3300	1185.8	05/20/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	7900	37.320	05/20/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	7900	225.39	05/20/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	1600	35.101	05/20/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	3300	43.038	05/20/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	3300	40.771	05/20/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	1600	38.651	05/20/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	1600	36.975	05/20/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	7900	25.882	05/20/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	7900	44.320	05/20/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	1600	36.235	05/20/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	1600	42.498	05/20/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	1600	33.819	05/20/98	WAW	120-12-7		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601876980 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T13-2-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	1600	37.517	05/20/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	1600	31.404	05/20/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	1600	37.911	05/20/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	1600	28.396	05/20/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	1600	22.579	05/20/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	7900	32.538	05/20/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	3300	63.794	05/20/98	WAW	100-51-6		U
bis(2 Chloroethoxy)methane	ND	ug/kg	1600	45.405	05/20/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	1600	104.71	05/20/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	1600	49.053	05/20/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	1600	19.670	05/20/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	1600	47.276	05/20/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	1600	47.032	05/20/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	1600	77.894	05/20/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	1600	38.897	05/20/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	1600	39.108	05/20/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	1600	46.440	05/20/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	1600	31.502	05/20/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	1600	37.961	05/20/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	1600	30.897	05/20/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	1600	37.615	05/20/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	1600	44.587	05/20/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	1600	68.822	05/20/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	1600	48.461	05/20/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	1600	73.210	05/20/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	1600	30.023	05/20/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	1600	124.33	05/20/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	1600	46.194	05/20/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	1600	17.846	05/20/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	1600	46.088	05/20/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	1600	86.768	05/20/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	7900	43.778	05/20/98	WAW	87-86-5		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601876980
Client Sample ID: T13-2-3 0
Date Collected: 05/13/98
Date Received: 05/15/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	1600	33.721	05/20/98	WAW	85-01-8		U
Phenol	ND	ug/kg	1600	45.898	05/20/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	1600	23.959	05/20/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	98	%			05/20/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	89	%			05/20/98	WAW	321-60-8		
2-Fluorophenol (S)	87	%			05/20/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	78	%			05/20/98	WAW	4165-60-0	1	
Phenol-d6 (S)	79	%			05/20/98	WAW	13127-88-3		
Terphenyl-d14 (S)	101	%			05/20/98	WAW	1718-51-0		
Date Extracted	05/19/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601876999
Client Sample ID: T12-1-30

Date Collected: 05/13/98
Date Received: 05/15/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/20/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/20/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/20/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/20/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/20/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/20/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/20/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/20/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/20/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/20/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/20/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/20/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/20/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/20/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/20/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/20/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/20/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/20/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/20/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/20/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/20/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/20/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/20/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.08	05/20/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/20/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/20/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/20/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/20/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/20/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/20/98	WAW	120-12-7		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 801876998 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T12-1-30 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/20/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/20/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/20/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/20/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/20/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/20/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/20/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/20/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/20/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/20/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/20/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/20/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/20/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/20/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/20/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/20/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/20/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/20/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/20/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/20/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/20/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/20/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/20/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/20/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/20/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/20/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/20/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	19.74	05/20/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/20/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/20/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/20/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/20/98	WAW	87-86-5		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601876998 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T12-1-30 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.69	05/20/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/20/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/20/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	91	%			05/20/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	93	%			05/20/98	WAW	321-60-8		
2-Fluorophenol (S)	85	%			05/20/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	77	%			05/20/98	WAW	4165-60-0		
Phenol-d6 (S)	77	%			05/20/98	WAW	13127-88-3		
Terphenyl-d14 (S)	78	%			05/20/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877004 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T11-2-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/20/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/20/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/20/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/20/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/20/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/20/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/20/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/20/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/20/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/20/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/20/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/20/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/20/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/20/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/20/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/20/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/20/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/20/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/20/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/20/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/20/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/20/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.467	05/20/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/20/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/20/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/20/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/20/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/20/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/20/98	WAW	208 96-8		U
Anthracene	ND	ug/kg	660	13.651	05/20/98	WAW	120-12-7		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877004 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T11-2-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/20/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/20/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/20/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/20/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/20/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/20/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/20/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/20/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/20/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/20/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/20/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/20/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/20/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/20/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	16.701	05/20/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/20/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/20/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/20/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/20/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/20/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/20/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/20/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/20/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/20/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/20/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/20/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/20/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.848	05/20/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/20/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/20/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/20/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/20/98	WAW	87-86-5		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877004 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T11-2-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/20/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/20/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/20/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	82	%			05/20/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	89	%			05/20/98	WAW	321-60-8		
2-Fluorophenol (S)	94	%			05/20/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	86	%			05/20/98	WAW	4165-60-0		
Phenol-d6 (S)	82	%			05/20/98	WAW	13127-88-3		
Terphenyl-d14 (S)	90	%			05/20/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877012 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-1-5.0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/21/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/21/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/21/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/21/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/21/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/21/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/21/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/21/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/21/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/21/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/21/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/21/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/21/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/21/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/21/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/21/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/21/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/21/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/21/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/21/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/21/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/21/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/21/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/21/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/21/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/21/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/21/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/21/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/21/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/21/98	WAW	120-12-7		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877012 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-1-5.0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/21/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/21/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/21/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/21/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/21/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/21/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	26.66	05/21/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/21/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/21/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/21/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/21/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/21/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/21/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/21/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/21/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/21/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/21/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/21/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/21/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/21/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/21/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/21/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/21/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/21/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	20.7	05/21/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/21/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/21/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/21/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/21/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/21/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/21/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/21/98	WAW	87-86-5		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877012 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-1-5 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/21/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/21/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/21/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	86	%			05/21/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	84	%			05/21/98	WAW	321-60-8		
2-Fluorophenol (S)	86	%			05/21/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	77	%			05/21/98	WAW	4165-60-0		
Phenol-d6 (S)	77	%			05/21/98	WAW	13127-88-3		
Terphenyl-d14 (S)	94	%			05/21/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877020 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-2-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	66		05/27/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	66		05/27/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	66		05/27/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	66		05/27/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	66		05/27/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	66		05/27/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	66		05/27/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	108	%			05/27/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	102	%			05/27/98	AFT	877-09-8		
Date Extracted	05/19/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877038 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-3-3.0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/21/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/21/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/21/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/21/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/21/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/21/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/21/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/21/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/21/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/21/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/21/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/21/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/21/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/21/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/21/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/21/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/21/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/21/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/21/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/21/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/21/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/21/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/21/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/21/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/21/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/21/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/21/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/21/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/21/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/21/98	WAW	120-12-7		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877038 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-3-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/21/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/21/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/21/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/21/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/21/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/21/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	26.88	05/21/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/21/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/21/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/21/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/21/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/21/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/21/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/21/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/21/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/21/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/21/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/21/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/21/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/21/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/21/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/21/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/21/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/21/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/21/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/21/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/21/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/21/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/21/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/21/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/21/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/21/98	WAW	87-86-5		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877038 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T10-3-3.0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/21/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/21/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/21/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	101	%			05/21/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	88	%			05/21/98	WAW	321-60-8		
2-Fluorophenol (S)	90	%			05/21/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	85	%			05/21/98	WAW	4165-60-0		
Phenol-d6 (S)	79	%			05/21/98	WAW	13127-88-3		
Terphenyl-d14 (S)	96	%			05/21/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877046 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T9-2-10 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/20/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/20/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/20/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/20/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/20/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/20/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/20/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/20/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/20/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/20/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/20/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/20/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/20/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/20/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/20/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/20/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/20/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/20/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/20/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/20/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/20/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/20/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/20/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	16.601	05/20/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/20/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/20/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/20/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/20/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/20/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/20/98	WAW	120-12-7		U

Pace Project Number: 6021094
Client Project ID: 980514-04

Pace Sample No.: 601877046 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: TS-2-10 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	16.143	05/20/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/20/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/20/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/20/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/20/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/20/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/20/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/20/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/20/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/20/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/20/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/20/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	16.984	05/20/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/20/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/20/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/20/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/20/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/20/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/20/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/20/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/20/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/20/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/20/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/20/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/20/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/20/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/20/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/20/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2039	05/20/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/20/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/20/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/20/98	WAW	87-86-5		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877046 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T9-Z-10 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/20/98	WAW	85-01-8		U
Phenol	890	ug/kg	660	18.528	05/20/98	WAW	108-95-2		
Pyrene	ND	ug/kg	660	9.6714	05/20/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	90	%			05/20/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	88	%			05/20/98	WAW	321-60-8		
2-Fluorophenol (S)	87	%			05/20/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	78	%			05/20/98	WAW	4165-60-0		
Phenol-d6 (S)	79	%			05/20/98	WAW	13127-88-3		
Terphenyl-d14 (S)	95	%			05/20/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			
Total EPA 8270	890								

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877053 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T8-2-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/20/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/20/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/20/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	30.660	05/20/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/20/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/20/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/20/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/20/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/20/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/20/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/20/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/20/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/20/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/20/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/20/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/20/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/20/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/20/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/20/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/20/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.188	05/20/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/20/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.467	05/20/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/20/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/20/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/20/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/20/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/20/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/20/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/20/98	WAW	120-12-7		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877053 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T8-2-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/20/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/20/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/20/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/20/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/20/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/20/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/20/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/20/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/20/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/20/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/20/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/20/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/20/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/20/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/20/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.392	05/20/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/20/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/20/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/20/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/20/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/20/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/20/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/20/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/20/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/20/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/20/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/20/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/20/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/20/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/20/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	36.024	05/20/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/20/98	WAW	87-86-5		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877053 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T8-2-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/20/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/20/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/20/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	95	%			05/20/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	88	%			05/20/98	WAW	321-60-8		
2-Fluorophenol (S)	88	%			05/20/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	81	%			05/20/98	WAW	4165-60-0		
Phenol-d6 (S)	78	%			05/20/98	WAW	13127-88-3		
Terphenyl-d14 (S)	98	%			05/20/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.:	601877061	Date Collected:	05/13/98
Client Sample ID:	T8-3-3 0	Date Received:	05/15/98
		Matrix:	Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	66		05/27/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	66		05/27/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	66		05/27/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	66		05/27/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	66		05/27/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	66		05/27/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	66		05/27/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	108	%			05/27/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	103	%			05/27/98	AFT	877-09-8		
Date Extracted	05/19/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877087 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T8-4-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/21/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/21/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/21/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/21/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/21/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/21/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	46.18	05/21/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/21/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/21/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/21/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/21/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/21/98	WAW	91-58-7		U
2 Chlorophenol	ND	ug/kg	660	17.58	05/21/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/21/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/21/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/21/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/21/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/21/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/21/98	WAW	99-09-2		U
4,6-Dinitro-2 methylphenol	ND	ug/kg	3200	91.44	05/21/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/21/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/21/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/21/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/21/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/21/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/21/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/21/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/21/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/21/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/21/98	WAW	120-12-7		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877087 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T8-4-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/21/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/21/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/21/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/21/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/21/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/21/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/21/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/21/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/21/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/21/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/21/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/21/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/21/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/21/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/21/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/21/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/21/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/21/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/21/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/21/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/21/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/21/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/21/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/21/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/21/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/21/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/21/98	WAW	78-59-1		U
N Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/21/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/21/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/21/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/21/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/21/98	WAW	87-86-5		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877087 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T8-4-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/21/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/21/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/21/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	82	%			05/21/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	86	%			05/21/98	WAW	321-60-8		
2-Fluorophenol (S)	91	%			05/21/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	81	%			05/21/98	WAW	4165-60-0		
Phenol-d6 (S)	80	%			05/21/98	WAW	13127-88-3		
Terphenyl-d14 (S)	93	%			05/21/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877095 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T12-3-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/20/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/20/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/20/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/20/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/20/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/20/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/20/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/20/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/20/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/20/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/20/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/20/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/20/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/20/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/20/98	WAW	95-48-7		U
2 Nitroaniline	ND	ug/kg	3200	17.5	05/20/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17 98	05/20/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/20/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/20/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/20/98	WAW	534-52-1		U
4 Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/20/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17 46	05/20/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/20/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/20/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/20/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/20/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/20/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14 7	05/20/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/20/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/20/98	WAW	120-12-7		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601877095
Client Sample ID: T12-3-3 0
Date Collected: 05/13/98
Date Received: 05/15/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/20/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/20/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/20/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/20/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/20/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/20/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/20/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/20/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/20/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	10.9	05/20/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/20/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/20/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/20/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/20/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/20/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/20/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/20/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/20/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/20/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/20/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/20/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/20/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/20/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/20/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/20/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/20/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/20/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/20/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/20/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/20/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/20/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/20/98	WAW	87-86-5		U

Pace Project Number: 6021694
Client Project ID: 980514-04

Pace Sample No.: 601977095 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: T12-3-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/20/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/20/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/20/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	77	%			05/20/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	85	%			05/20/98	WAW	321-60-8		
2-Fluorophenol (S)	84	%			05/20/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	77	%			05/20/98	WAW	4165-60-0		
Phenol-d6 (S)	74	%			05/20/98	WAW	13127-88-3		
Terphenyl-d14 (S)	89	%			05/20/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 6021694
Client Project ID: 980514-04

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Smaller sample size used due to sample matrix.Prls' will be affected accordingly.

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

May 26, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107423
Client Project ID: Caltrans 980514-04

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received May 15, 1998 through May 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

DATE: 05/26/98

PAGE: 1

Pace Analytical Long Beach SC
107423
3960 Gilman Street
Caltrans 980514 04
Long Beach, CA 90815

Pace Project Number:

Client Project ID:

Attn: Mr. Richard Villafania
Phone: (562)498-9515

Solid results are reported on a wet weight basis

Pace Sample No: 10640019 Date Collected: 05/13/98
Matrix: Soil
Client Sample ID: T8 1 S Date Received: 05/15/98

Parameters	Results	Units	PRL		Analyzed	Analyst	CAS#
Footnotes							
GC/MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260					Prep Method: EPA 50
Dichlorodifluoromethane	ND	ug/kg	5		05/22/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5		05/22/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5		05/22/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5		05/22/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5		05/22/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5		05/22/98	SAC	75-69-4
Methylene Chloride	ND	ug/kg	5		05/22/98	SAC	75-09-2
1,1 Dichloroethene	ND	ug/kg	5		05/22/98	SAC	75-35-4
trans 1,2-Dichloroethene	ND	ug/kg	5		05/22/98	SAC	156-60-5
1,1 Dichloroethane	ND	ug/kg	5		05/22/98	SAC	75-34-3
2,2 Dichloropropane	ND	ug/kg	5		05/22/98	SAC	594-20-7
cis-1,2 Dichloroethene	ND	ug/kg	5		05/22/98	SAC	156-59-2
Chloroform	ND	ug/kg	5		05/22/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5		05/22/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5		05/22/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5		05/22/98	SAC	56-23-5

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0706

Pace Analytical

1,1-Dichloropropene	ND	ug/kg	5	05/22/98	SAC	563-58-6
Benzene	ND	ug/kg	5	05/22/98	SAC	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	05/22/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	05/22/98	SAC	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	05/22/98	SAC	78-87-5
Bromodichloromethane	ND	ug/kg	5	05/22/98	SAC	75-27-4
Dibromomethane	ND	ug/kg	5	05/22/98	SAC	74-95-3
Toluene	ND	ug/kg	5	05/22/98	SAC	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	05/22/98	SAC	79-00-5
Tetrachloroethene	ND	ug/kg	5	05/22/98	SAC	127-18-4

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

DATE: 05/26/98

GE: 2

Pace Project Number:

7423

Client Project ID:

Caltrans 980514-04

Pace Sample No: 10640019 Date Collected: 05/13/98

Matrix: Soil

Client Sample ID: T8-1-S Date Received: 05/15/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
1,3-Dichloropropane	ND	ug/kg	5	05/22/98	SAC	142-28-9
Dibromochloromethane	ND	ug/kg	5	05/22/98	SAC	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	05/22/98	SAC	106-93-4
Chlorobenzene	ND	ug/kg	5	05/22/98	SAC	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	05/22/98	SAC	630-20-6
Ethylbenzene	ND	ug/kg	5	05/22/98	SAC	100-41-4
M&P Xylene	ND	ug/kg	5	05/22/98	SAC	7816-60-0
O-Xylene (1,3 Dimethylbenzene)	ND	ug/kg	5	05/22/98	SAC	95-47-6
Styrene	ND	ug/kg	5	05/22/98	SAC	100-42-5
Bromoform	ND	ug/kg	5	05/22/98	SAC	75-25-2
Isopropylbenzene (Cumene)	ND	ug/kg	5	05/22/98	SAC	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	05/22/98	SAC	79-34-5
Bromobenzene	ND	ug/kg	5	05/22/98	SAC	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	05/22/98	SAC	96-18-4
n-Propylbenzene	ND	ug/kg	5	05/22/98	SAC	103-65-1
2 Chlorotoluene	ND	ug/kg	5	05/22/98	SAC	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	05/22/98	SAC	108 67-8
4 Chlorotoluene	ND	ug/kg	5	05/22/98	SAC	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	05/22/98	SAC	95-63-6
Sec-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	135-98-8
tert Butylbenzene	ND	ug/kg	5	05/22/98	SAC	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	05/22/98	SAC	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	541-73-1
1,4 Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	106-46-7
n-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	95-50-1
1,2 Dibromo-3-Chloropropane	ND	ug/kg	5	05/22/98	SAC	96-12-8
1,2,4 Trichlorobenzene	ND	ug/kg	5	05/22/98	SAC	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	05/22/98	SAC	87-68-3
Naphthalene	ND	ug/kg	5	05/22/98	SAC	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	05/22/98	SAC	87-61-6

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trans-1,3-Dichloropropene	ND	ug/kg	5	05/22/98	SAC	10061 02-
cis-1,3-Dichloropropene	ND	ug/kg	5	05/22/98	SAC	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	05/22/98	SAC	110-75-8
Acetone	4.7	ug/kg	20	05/22/98	SAC	67-64-1
2-Butanone	ND	ug/kg	10	05/22/98	SAC	78-93-3
4 Methyl-2-Pentanone	ND	ug/kg	10	05/22/98	SAC	108-10-1
Carbon Disulfide	ND	ug/kg	10	05/22/98	SAC	75-15-0
2-Hexanone	ND	ug/kg	100	05/22/98	SAC	591-78-6
Vinyl Acetate	ND	ug/kg	100	05/22/98	SAC	108-05-4

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DATE: 05/26/98

GE: 3

Pace Project Number:

7423

Client Project ID:

eltrans 980514-04

Pace Sample No: 10640019 Date Collected: 05/13/98

rix: Soil

ient Sample ID: T8-1-S Date Received: 05/15/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Ethanol	ND	ug/kg	500	05/22/98	SAC	64-17-5
Methyl-tert-butyl Ether	ND	ug/kg	5	05/22/98	SAC	1634-04-4
Isopropyl Ether	ND	ug/kg	5	05/22/98	SAC	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	05/22/98	SAC	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	05/22/98	SAC	994-05-8
2 Methyl 2 propanol	ND	ug/kg	100	05/22/98	SAC	75-65-0
Dibromofluoromethane (S)	104	%		05/22/98	SAC	1868-53-7
Toluene-d8 (S)	106	%		05/22/98	SAC	2037 26-5
4-Bromofluorobenzene (S)	100	%		05/22/98	SAC	460-00-4
1,2-Dichloroethane d4 (S)	118	%		05/22/98	SAC	17060-07-

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DATE: 05/26/98

CE: 4

Pace Project Number:

7423

Client Project ID:

Caltrans 980514-04

Pace Sample No: 10640027 Date Collected: 05/13/98

trix: Soil

ient Sample ID: T10-2-S Date Received: 05/15/98

Parameters / otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
/MS -- VOA						
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA	
60						
Dichlorodifluoromethane	ND	ug/kg	5	05/22/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	05/22/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	05/22/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	05/22/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	05/22/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	05/22/98	SAC	75-69-4
Methylene Chloride	ND	ug/kg	5	05/22/98	SAC	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	05/22/98	SAC	75-35-4
trans 1,2-Dichloroethene	ND	ug/kg	5	05/22/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	05/22/98	SAC	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	05/22/98	SAC	594-20-7
cis 1,2 Dichloroethene	ND	ug/kg	5	05/22/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	05/22/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	05/22/98	SAC	74-97-5
1,1,1 Trichloroethane	ND	ug/kg	5	05/22/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	05/22/98	SAC	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	05/22/98	SAC	563-58-6
Benzene	ND	ug/kg	5	05/22/98	SAC	71-43-2
1,2 Dichloroethane	ND	ug/kg	5	05/22/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	05/22/98	SAC	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	05/22/98	SAC	78-87-5
Bromodichloromethane	ND	ug/kg	5	05/22/98	SAC	75-27-4
Dibromomethane	ND	ug/kg	5	05/22/98	SAC	74-95-3
Toluene	ND	ug/kg	5	05/22/98	SAC	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	05/22/98	SAC	79-00-5
Tetrachloroethene	ND	ug/kg	5	05/22/98	SAC	127-18-4

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1,3-Dichloropropane	ND	ug/kg	5	05/22/98	SAC	142-28-9
Dibromochloromethane	ND	ug/kg	5	05/22/98	SAC	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	05/22/98	SAC	106-93-4
Chlorobenzene	ND	ug/kg	5	05/22/98	SAC	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	05/22/98	SAC	630-20-6
Ethylbenzene	ND	ug/kg	5	05/22/98	SAC	100-41-4
M&P-Xylene	ND	ug/kg	5	05/22/98	SAC	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	05/22/98	SAC	95-47-6
Styrene	ND	ug/kg	5	05/22/98	SAC	100-42-5
Bromoform	ND	ug/kg	5	05/22/98	SAC	75-25-2

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DATE: 05/26/98

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Pace Project Number:

7423

Client Project ID:

Caltrans 980514-04

Pace Sample No: 10640027 Date Collected: 05/13/98

trix: Soil

ient Sample ID: T10-2-S Date Received: 05/15/98

Parameters / otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene (Cumene)	ND	ug/kg	5	05/22/98	SAC	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	05/22/98	SAC	79-34-5
Bromobenzene	ND	ug/kg	5	05/22/98	SAC	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	05/22/98	SAC	96-18-4
n-Propylbenzene	ND	ug/kg	5	05/22/98	SAC	103-65-1
2-Chlorotoluene	ND	ug/kg	5	05/22/98	SAC	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	05/22/98	SAC	108-67-8
4-Chlorotoluene	ND	ug/kg	5	05/22/98	SAC	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	05/22/98	SAC	95-63-6
sec-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	135-98-8
tert-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	05/22/98	SAC	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	106-46-7
n-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	05/22/98	SAC	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	05/22/98	SAC	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	05/22/98	SAC	87-68-3
Naphthalene	ND	ug/kg	5	05/22/98	SAC	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	05/22/98	SAC	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	05/22/98	SAC	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	05/22/98	SAC	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	05/22/98	SAC	110-75-8
Acetone	ND	ug/kg	20	05/22/98	SAC	67-64-1
2-Butanone	ND	ug/kg	10	05/22/98	SAC	78-93-3
4-Methyl 2 Pentanone	ND	ug/kg	10	05/22/98	SAC	108-10-1
Carbon Disulfide	ND	ug/kg	10	05/22/98	SAC	75-15-0
2-Hexanone	ND	ug/kg	100	05/22/98	SAC	591-78-6

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Vinyl Acetate	ND	ug/kg	100	05/22/98	SAC	1868-05-4
Ethanol	ND	ug/kg	500	05/22/98	SAC	64-17-5
Methyl-tert-butyl Ether	ND	ug/kg	5	05/22/98	SAC	1634-04-4
Isopropyl Ether	ND	ug/kg	5	05/22/98	SAC	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	05/22/98	SAC	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	05/22/98	SAC	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	05/22/98	SAC	75-65-0
Dibromofluoromethane (S)	108	%		05/22/98	SAC	1868-53-7
Toluene-d8 (S)	102	%		05/22/98	SAC	2037-26-5
4-Bromofluorobenzene (S)	100	%		05/22/98	SAC	460-00-4
1,2-Dichloroethane-d4 (S)	116	%		05/22/98	SAC	17060-07-

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DATE: 05/26/98

GE: 6

Pace Project Number:

7423

Client Project ID:

Caltrans 980514 04

Pace Sample No: 10640035 Date Collected: 05/13/98

trix: Soil

lient Sample ID: T11-1-S Date Received: 05/15/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
VMS -- VOA						
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA	
30						
Dichlorodifluoromethane	ND	ug/kg	5	05/21/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	05/21/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	05/21/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	05/21/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	05/21/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	05/21/98	SAC	75-69-4
Methylene Chloride	ND	ug/kg	5	05/21/98	SAC	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	05/21/98	SAC	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	05/21/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	05/21/98	SAC	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	05/21/98	SAC	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	05/21/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	05/21/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	05/21/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	05/21/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	05/21/98	SAC	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	05/21/98	SAC	563-58-6
Benzene	ND	ug/kg	5	05/21/98	SAC	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	05/21/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	05/21/98	SAC	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	05/21/98	SAC	78-87-5
Bromodichloromethane	ND	ug/kg	5	05/21/98	SAC	75-27-4
Dibromomethane	ND	ug/kg	5	05/21/98	SAC	74-95-3
Toluene	ND	ug/kg	5	05/21/98	SAC	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	05/21/98	SAC	79-00-5
Tetrachloroethene	ND	ug/kg	5	05/21/98	SAC	127-18-4

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1,3-Dichloropropane	ND	ug/kg	5	05/21/98	SAC	142-28-9
Dibromochloromethane	ND	ug/kg	5	05/21/98	SAC	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	05/21/98	SAC	106-93-4
Chlorobenzene	ND	ug/kg	5	05/21/98	SAC	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	05/21/98	SAC	630-20-6
Ethylbenzene	ND	ug/kg	5	05/21/98	SAC	100-41-4
M&P-Xylene	~~2.6~~ trace	ug/kg	5	05/21/98	SAC	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	05/21/98	SAC	95-47-6
Styrene	ND	ug/kg	5	05/21/98	SAC	100-42-5
Bromoform	ND	ug/kg	5	05/21/98	SAC	75-25-2

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DATE: 05/26/98

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Pace Project Number:

7423

Client Project ID:

ltrans 980514-04

Pace Sample No: 10640035 Date Collected: 05/13/98

Matrix: Soil

Client Sample ID: T11-1-S Date Received: 05/15/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene (Cumene)	ND	ug/kg	5	05/21/98	SAC	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	05/21/98	SAC	79-34-5
Bromobenzene	ND	ug/kg	5	05/21/98	SAC	108-86-1
1,2,3 Trichloropropane	ND	ug/kg	5	05/21/98	SAC	96-18-4
n-Propylbenzene	ND	ug/kg	5	05/21/98	SAC	103-65-1
2-Chlorotoluene	ND	ug/kg	5	05/21/98	SAC	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	05/21/98	SAC	108-67-8
4 Chlorotoluene	ND	ug/kg	5	05/21/98	SAC	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	05/21/98	SAC	95-63-6
sec-Butylbenzene	ND	ug/kg	5	05/21/98	SAC	135-98-8
tert Butylbenzene	ND	ug/kg	5	05/21/98	SAC	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	05/21/98	SAC	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	05/21/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	05/21/98	SAC	106-46-7
n Butylbenzene	ND	ug/kg	5	05/21/98	SAC	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	05/21/98	SAC	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	05/21/98	SAC	96-12-8
1,2,4 Trichlorobenzene	ND	ug/kg	5	05/21/98	SAC	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	05/21/98	SAC	87-68-3
Naphthalene	ND	ug/kg	5	05/21/98	SAC	91-20-3
1,2,3 Trichlorobenzene	ND	ug/kg	5	05/21/98	SAC	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	05/21/98	SAC	10061-02-6
cis 1,3-Dichloropropene	ND	ug/kg	5	05/21/98	SAC	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	05/21/98	SAC	110-75-8
Acetone	ND	ug/kg	20	05/21/98	SAC	67-64-1
2-Butanone	ND	ug/kg	10	05/21/98	SAC	78-93-3
4-Methyl 2 Pentanone	ND	ug/kg	10	05/21/98	SAC	108-10-1
Carbon Disulfide	ND	ug/kg	10	05/21/98	SAC	75-15-0
2-Hexanone	ND	ug/kg	100	05/21/98	SAC	591 78 6

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Vinyl Acetate	ND	ug/kg	100	05/21/98	SAC	108-05-4
Ethanol	ND	ug/kg	500	05/21/98	SAC	64-17-5
Methyl-tert-butyl Ether	ND	ug/kg	5	05/21/98	SAC	1634-04-4
Isopropyl Ether	ND	ug/kg	5	05/21/98	SAC	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	05/21/98	SAC	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	05/21/98	SAC	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	05/21/98	SAC	75-65-0
Dibromofluoromethane (S)	106	%		05/21/98	SAC	1868-53-7
Toluene-d8 (S)	104	%		05/21/98	SAC	2037-26-5
4-Bromofluorobenzene (S)	100	%		05/21/98	SAC	460-00-4
1,2-Dichloroethane-d4 (S)	116	%		05/21/98	SAC	17060-07-

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DATE: 05/26/98

GE: 8

Pace Project Number:

7423

Client Project ID:

Caltrans 980514-04

Pace Sample No: 10640043 Date Collected: 05/13/98

Matrix: Soil

Client Sample ID: T11-3 S Date Received: 05/15/98

Parameters / Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
GC/MS -- VOA						
GC/MS VOCs by 8260 (Method: EPA 8260, Prep Method: EPA 50)						
Dichlorodifluoromethane	ND	ug/kg	5	05/22/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	05/22/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	05/22/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	05/22/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	05/22/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	05/22/98	SAC	75-69-4
Methylene Chloride	ND	ug/kg	5	05/22/98	SAC	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	05/22/98	SAC	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	05/22/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	05/22/98	SAC	75-34-3
2,2 Dichloropropane	ND	ug/kg	5	05/22/98	SAC	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	05/22/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	05/22/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	05/22/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	05/22/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	05/22/98	SAC	56-23-5
1,1 Dichloropropene	ND	ug/kg	5	05/22/98	SAC	563-58-6
Benzene	ND	ug/kg	5	05/22/98	SAC	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	05/22/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	05/22/98	SAC	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	05/22/98	SAC	78-87-5
Bromodichloromethane	ND	ug/kg	5	05/22/98	SAC	75-27-4
Dibromomethane	ND	ug/kg	5	05/22/98	SAC	74-95-3
Toluene	ND	ug/kg	5	05/22/98	SAC	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	05/22/98	SAC	79-00-5
Tetrachloroethene	ND	ug/kg	5	05/22/98	SAC	127-18-4

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1,3-Dichloropropane	ND	ug/kg	5	05/22/98	SAC	142-28-9
Dibromochloromethane	ND	ug/kg	5	05/22/98	SAC	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	05/22/98	SAC	106-93-4
Chlorobenzene	ND	ug/kg	5	05/22/98	SAC	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	05/22/98	SAC	630-20-6
Ethylbenzene	ND	ug/kg	5	05/22/98	SAC	100-41-4
M&P-Xylene	ND	ug/kg	5	05/22/98	SAC	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	05/22/98	SAC	95-47-6
Styrene	ND	ug/kg	5	05/22/98	SAC	100-42-5
Bromoform	ND	ug/kg	5	05/22/98	SAC	75-25-2

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Pace Project Number:

: 7423

Client Project ID:

Calhrans 980514-04

Pace Sample No: 10640043 Date Collected: 05/13/98

Matrix: Soil

Client Sample ID: T11-3-S Date Received: 05/15/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene (Cumene)	ND	ug/kg	5	05/22/98	SAC	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	05/22/98	SAC	79-34-5
Bromobenzene	ND	ug/kg	5	05/22/98	SAC	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	05/22/98	SAC	96-18-4
n-Propylbenzene	ND	ug/kg	5	05/22/98	SAC	103-65-1
2-Chlorotoluene	ND	ug/kg	5	05/22/98	SAC	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	05/22/98	SAC	108-67-8
4-Chlorotoluene	ND	ug/kg	5	05/22/98	SAC	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	05/22/98	SAC	95-63-6
sec-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	135-98-8
tert-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	05/22/98	SAC	99-87-6
1,3 Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	106-46-7
n-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	104 51-8
1,2 Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	05/22/98	SAC	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	05/22/98	SAC	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	05/22/98	SAC	87-68-3
Naphthalene	ND	ug/kg	5	05/22/98	SAC	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	05/22/98	SAC	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	05/22/98	SAC	10061-02-6
cis-1,3-Dichloropropene	ND	ug/kg	5	05/22/98	SAC	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	05/22/98	SAC	110-75-8
Acetone	ND	ug/kg	20	05/22/98	SAC	67-64-1
2-Butanone	ND	ug/kg	10	05/22/98	SAC	78-93-3
4-Methyl 2 Pentanone	ND	ug/kg	10	05/22/98	SAC	108-10-1
Carbon Disulfide	ND	ug/kg	10	05/22/98	SAC	75-15-0
2-Hexanone	ND	ug/kg	100	05/22/98	SAC	591-78-6

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Vinyl Acetate	ND	ug/kg	100	05/22/98	SAC	108-05-4
Ethanol	ND	ug/kg	500	05/22/98	SAC	64-17-5
Methyl-tert-butyl Ether	ND	ug/kg	5	05/22/98	SAC	1634-04-4
Isopropyl Ether	ND	ug/kg	5	05/22/98	SAC	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	05/22/98	SAC	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	05/22/98	SAC	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	05/22/98	SAC	75-65-0
Dibromofluoromethane (S)	106	%		05/22/98	SAC	1868-53-7
Toluene-d8 (S)	102	%		05/22/98	SAC	2037-26-5
4-Bromofluorobenzene (S)	98	%		05/22/98	SAC	460-00-4
1,2-Dichloroethane-d4 (S)	112	%		05/22/98	SAC	17060-07-

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Pace Project Number:

7423

Client Project ID:

ltrans 980514-04

Pace Sample No: 10640050 Date Collected: 05/13/98

rix: Soil

ient Sample ID: T13-1-S Date Received: 05/15/98

rameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
../MS -- VOA						
GC/MS VOCs by 8260 30		Method: EPA 8260			Prep Method: EPA	
Dichlorodifluoromethane	ND	ug/kg	5	05/22/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	05/22/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	05/22/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	05/22/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	05/22/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	05/22/98	SAC	75-69-4
Methylene Chloride	ND	ug/kg	5	05/22/98	SAC	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	05/22/98	SAC	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	05/22/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	05/22/98	SAC	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	05/22/98	SAC	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	05/22/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	05/22/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	05/22/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	05/22/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	05/22/98	SAC	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	05/22/98	SAC	563-58-6
Benzene	ND	ug/kg	5	05/22/98	SAC	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	05/22/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	05/22/98	SAC	79-01-6
1,2 Dichloropropane	ND	ug/kg	5	05/22/98	SAC	78-87-5
Bromodichloromethane	ND	ug/kg	5	05/22/98	SAC	75-27-4
Dibromomethane	ND	ug/kg	5	05/22/98	SAC	74-95-3
Toluene	ND	ug/kg	5	05/22/98	SAC	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	05/22/98	SAC	79-00-5
Tetrachloroethene	ND	ug/kg	5	05/22/98	SAC	127-18-4

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1,3-Dichloropropane	ND	ug/kg	5	05/22/98	SAC	142-28-9
Dibromochloromethane	ND	ug/kg	5	05/22/98	SAC	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	05/22/98	SAC	106-93-4
Chlorobenzene	ND	ug/kg	5	05/22/98	SAC	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	05/22/98	SAC	630-20-6
Ethylbenzene	ND	ug/kg	5	05/22/98	SAC	100-41-4
M&P-Xylene	ND	ug/kg	5	05/22/98	SAC	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	05/22/98	SAC	95-47-6
Styrene	ND	ug/kg	5	05/22/98	SAC	100-42-5
Bromoform	ND	ug/kg	5	05/22/98	SAC	75-25-2

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Pace Project Number:

7423

Client Project ID:

trans 980514-04

Pace Sample No: 10640050 Date Collected: 05/13/98

Matrix: Soil

Client Sample ID: T13-1 S Date Received: 05/15/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene (Cumene)	ND	ug/kg	5	05/22/98	SAC	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	05/22/98	SAC	79-34-5
Bromobenzene	ND	ug/kg	5	05/22/98	SAC	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	05/22/98	SAC	96-18-4
n-Propylbenzene	ND	ug/kg	5	05/22/98	SAC	103-65-1
2-Chlorotoluene	ND	ug/kg	5	05/22/98	SAC	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	05/22/98	SAC	108-67-8
4-Chlorotoluene	ND	ug/kg	5	05/22/98	SAC	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	05/22/98	SAC	95-63-6
sec-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	135-98-8
tert-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	05/22/98	SAC	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	106-46-7
n-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	05/22/98	SAC	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	05/22/98	SAC	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	05/22/98	SAC	87-68-3
Naphthalene	ND	ug/kg	5	05/22/98	SAC	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	05/22/98	SAC	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	05/22/98	SAC	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	05/22/98	SAC	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	05/22/98	SAC	110-75-8
Acetone	ND	ug/kg	20	05/22/98	SAC	67-64-1
2-Butanone	ND	ug/kg	10	05/22/98	SAC	78-93-3
4-Methyl-2-Pentanone	ND	ug/kg	10	05/22/98	SAC	108-10-1
Carbon Disulfide	ND	ug/kg	10	05/22/98	SAC	75-15-0
2-Hexanone	ND	ug/kg	100	05/22/98	SAC	591-78-6

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Vinyl Acetate	ND	ug/kg	100	05/22/98	SAC	108-05-4
Ethanol	ND	ug/kg	500	05/22/98	SAC	64-17-5
Methyl-tert-butyl Ether	ND	ug/kg	5	05/22/98	SAC	1634-04-4
Isopropyl Ether	ND	ug/kg	5	05/22/98	SAC	108-20-3
Ethyl tert butyl ether	ND	ug/kg	5	05/22/98	SAC	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	05/22/98	SAC	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	05/22/98	SAC	75-65-0
Dibromofluoromethane (S)	106	%		05/22/98	SAC	1868-53-7
Toluene-d8 (S)	102	%		05/22/98	SAC	2037-26-5
4-Bromofluorobenzene (S)	98	%		05/22/98	SAC	460-00-4
1,2-Dichloroethane-d4 (S)	114	%		05/22/98	SAC	17060-07-

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Pace Project Number:

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Client Project ID:

Itrans 980514-04

Pace Sample No: 10640068 Date Collected: 05/13/98

Trix: Soil

Lent Sample ID: T13-3-S Date Received: 05/15/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
GC/MS -- VOA						
GC/MS VOCs by 8260	Method: EPA 8260					Prep Method: EPA
5030						
Dichlorodifluoromethane	ND	ug/kg	5	05/22/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	05/22/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	05/22/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	05/22/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	05/22/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	05/22/98	SAC	75-69-4
Methylene Chloride	ND	ug/kg	5	05/22/98	SAC	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	05/22/98	SAC	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	05/22/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	05/22/98	SAC	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	05/22/98	SAC	594-20-7
cis-1,2 Dichloroethene	ND	ug/kg	5	05/22/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	05/22/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	05/22/98	SAC	74-97-5
1,1,1 Trichloroethane	ND	ug/kg	5	05/22/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	05/22/98	SAC	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	05/22/98	SAC	563-58-6
Benzene	ND	ug/kg	5	05/22/98	SAC	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	05/22/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	05/22/98	SAC	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	05/22/98	SAC	78-87-5
Bromodichloromethane	ND	ug/kg	5	05/22/98	SAC	75-27-4
Dibromomethane	ND	ug/kg	5	05/22/98	SAC	74-95-3
Toluene	ND	ug/kg	5	05/22/98	SAC	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	05/22/98	SAC	79-00-5
Tetrachloroethene	ND	ug/kg	5	05/22/98	SAC	127-18-4

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1,3-Dichloropropane	ND	ug/kg	5	05/22/98	SAC	142-28-9
Dibromochloromethane	ND	ug/kg	5	05/22/98	SAC	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	05/22/98	SAC	106-93-4
Chlorobenzene	ND	ug/kg	5	05/22/98	SAC	108-90-7
1,1,1,2 Tetrachloroethane	ND	ug/kg	5	05/22/98	SAC	630-20-6
Ethylbenzene	ND	ug/kg	5	05/22/98	SAC	100-41-4
M&P-Xylene	ND	ug/kg	5	05/22/98	SAC	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	05/22/98	SAC	95-47-6
Styrene	ND	ug/kg	5	05/22/98	SAC	100-42-5
Bromoform	ND	ug/kg	5	05/22/98	SAC	75-25-2

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Pace Project Number:

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Client Project ID:

.trans 980514-04

Pace Sample No: 10640068 Date Collected: 05/13/98

Matrix: Soil

Client Sample ID: T13-3-S Date Received: 05/15/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene (Cumene)	ND	ug/kg	5	05/22/98	SAC	98-82-8
1,1,2,2 Tetrachloroethane	ND	ug/kg	5	05/22/98	SAC	79-34-5
Bromobenzene	ND	ug/kg	5	05/22/98	SAC	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	05/22/98	SAC	96 18 4
n Propylbenzene	ND	ug/kg	5	05/22/98	SAC	103-65-1
2-Chlorotoluene	ND	ug/kg	5	05/22/98	SAC	95-49-8
1,3,5 Trimethylbenzene	ND	ug/kg	5	05/22/98	SAC	108-67-8
4-Chlorotoluene	ND	ug/kg	5	05/22/98	SAC	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	05/22/98	SAC	95-63-6
sec-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	135-98-8
tert-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	05/22/98	SAC	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	541-73-1
1,4 Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	106-46-7
n-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	05/22/98	SAC	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	05/22/98	SAC	120 82 1
Hexachlorobutadiene	ND	ug/kg	5	05/22/98	SAC	87-68-3
Naphthalene	ND	ug/kg	5	05/22/98	SAC	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	05/22/98	SAC	87-61-6
trans 1,3-Dichloropropene	ND	ug/kg	5	05/22/98	SAC	10061-02-
cis 1,3 Dichloropropene	ND	ug/kg	5	05/22/98	SAC	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	05/22/98	SAC	110-75-8
Acetone	ND	ug/kg	20	05/22/98	SAC	67-64-1
2-Butanone	ND	ug/kg	10	05/22/98	SAC	78 93 3
4-Methyl-2-Pentanone	ND	ug/kg	10	05/22/98	SAC	108-10-1
Carbon Disulfide	ND	ug/kg	10	05/22/98	SAC	75-15-0
2 Hexanone	ND	ug/kg	100	05/22/98	SAC	591 78 6

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Vinyl Acetate	ND	ug/kg	100	05/22/98	SAC	108-05-4
Ethanol	ND	ug/kg	500	05/22/98	SAC	64-17-5
Methyl-tert-butyl Ether	ND	ug/kg	5	05/22/98	SAC	1634-04-4
Isopropyl Ether	ND	ug/kg	5	05/22/98	SAC	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	05/22/98	SAC	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	05/22/98	SAC	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	05/22/98	SAC	75-65-0
Dibromofluoromethane (S)	106	%		05/22/98	SAC	1868-53-7
Toluene-d8 (S)	102	%		05/22/98	SAC	2037-26-5
4-Bromofluorobenzene (S)	98	%		05/22/98	SAC	460-00-4
1,2-Dichloroethane-d4 (S)	114	%		05/22/98	SAC	17060-07-

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Pace Project Number:

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Client Project ID:

Caltrans 980514-04

Pace Sample No: 10641207 Date Collected: 05/13/98

Matrix: Soil

Client Sample ID: T8-3-S Date Received: 05/16/98

Parameters / Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
GC/MS VOA						
GC/MS VOCs by 8260	Method: EPA 8260					Prep Method: EPA
50						
Dichlorodifluoromethane	ND	ug/kg	5	05/22/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	05/22/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	05/22/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	05/22/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	05/22/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	05/22/98	SAC	75-69-4
Methylene Chloride	ND	ug/kg	5	05/22/98	SAC	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	05/22/98	SAC	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	05/22/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	05/22/98	SAC	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	05/22/98	SAC	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	05/22/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	05/22/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	05/22/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	05/22/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	05/22/98	SAC	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	05/22/98	SAC	563-58-6
Benzene	ND	ug/kg	5	05/22/98	SAC	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	05/22/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	05/22/98	SAC	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	05/22/98	SAC	78-87-5
Bromodichloromethane	ND	ug/kg	5	05/22/98	SAC	75-27-4
Dibromomethane	ND	ug/kg	5	05/22/98	SAC	74-95-3
Toluene	ND	ug/kg	5	05/22/98	SAC	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	05/22/98	SAC	79-00-5
Tetrachloroethene	ND	ug/kg	5	05/22/98	SAC	127-18-4

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1,3-Dichloropropane	ND	ug/kg	5	05/22/98	SAC	142-28-9
Dibromochloromethane	ND	ug/kg	5	05/22/98	SAC	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	05/22/98	SAC	106-93-4
Chlorobenzene	ND	ug/kg	5	05/22/98	SAC	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	05/22/98	SAC	630-20-6
Ethylbenzene	ND	ug/kg	5	05/22/98	SAC	100-41-4
M&P-Xylene	ND	ug/kg	5	05/22/98	SAC	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	05/22/98	SAC	95-47-6
Styrene	ND	ug/kg	5	05/22/98	SAC	100-42-5
Bromoform	ND	ug/kg	5	05/22/98	SAC	75-25-2

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DATE: 05/26/98

GE: 15

Pace Project Number:

/423

Client Project ID:

Client Name 980514-04

Pace Sample No: 10641207 Date Collected: 05/13/98

Matrix: Soil

Client Sample ID: T8-3-S Date Received: 05/16/98

Parameters / Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene (Cumene)	ND	ug/kg	5	05/22/98	SAC	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	05/22/98	SAC	79-34-5
Bromobenzene	ND	ug/kg	5	05/22/98	SAC	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	05/22/98	SAC	96-18-4
n-Propylbenzene	ND	ug/kg	5	05/22/98	SAC	103-65-1
2-Chlorotoluene	ND	ug/kg	5	05/22/98	SAC	95-49-8
1,3,5 Trimethylbenzene	ND	ug/kg	5	05/22/98	SAC	108-67-8
4-Chlorotoluene	ND	ug/kg	5	05/22/98	SAC	106-43-4
1,2,4 Trimethylbenzene	ND	ug/kg	5	05/22/98	SAC	95-63-6
sec-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	135-98-8
tert-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	05/22/98	SAC	99-87-6
1,3 Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	106-46-7
n-Butylbenzene	ND	ug/kg	5	05/22/98	SAC	104-51-8
1,2 Dichlorobenzene	ND	ug/kg	5	05/22/98	SAC	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	05/22/98	SAC	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	05/22/98	SAC	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	05/22/98	SAC	87-68-3
Naphthalene	ND	ug/kg	5	05/22/98	SAC	91-20-3
1,2,3 Trichlorobenzene	ND	ug/kg	5	05/22/98	SAC	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	05/22/98	SAC	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	05/22/98	SAC	10061-01-
2 Chloroethyl Vinyl Ether	ND	ug/kg	5	05/22/98	SAC	110-75-8
Acetone	ND	ug/kg	20	05/22/98	SAC	67-64-1
2 Butanone	ND	ug/kg	10	05/22/98	SAC	78-93-3
4-Methyl-2-Pentanone	ND	ug/kg	10	05/22/98	SAC	108-10-1
Carbon Disulfide	ND	ug/kg	10	05/22/98	SAC	75-15-0
2 Hexanone	ND	ug/kg	100	05/22/98	SAC	591-78-6

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Vinyl Acetate	ND	ug/kg	100	05/22/98	SAC	108-05-4
Ethanol	ND	ug/kg	500	05/22/98	SAC	64-17-5
Methyl-tert-butyl Ether	ND	ug/kg	5	05/22/98	SAC	1634-04-4
Isopropyl Ether	ND	ug/kg	5	05/22/98	SAC	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	05/22/98	SAC	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	05/22/98	SAC	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	05/22/98	SAC	75-65-0
Dibromofluoromethane (S)	104	%		05/22/98	SAC	1868-53-7
Toluene-d8 (S)	102	%		05/22/98	SAC	2037-26-5
4-Bromofluorobenzene (S)	100	%		05/22/98	SAC	460-00-4
1,2-Dichloroethane-d4 (S)	114	%		05/22/98	SAC	17060-07-

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DATE: 05/26/98

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Pace Project Number:

7423

Client Project ID:

ltrans 980514-04

PARAMETER FOOTNOTES

Not Detected
NC Not Calculable
RL Pace Reporting Limit
Surrogate
[1] Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

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QUALITY CONTROL DATA

DATE: 05/26/98

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17423
60 Gilman Street
Caltrans 980514-04
Long Beach, CA 90815

Pace Project Number:

Client Project ID:

Attn: Mr. Richard Villafania
Phone: (562)498-9515

QC Batch ID: 12850
Analysis Method: EPA 8260
Associated Pace Samples: 10640019 10640035

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260

METHOD BLANK: 10653152
Associated Pace Samples:
10640019 10640035

Parameter	Units	Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/kg	ND	5	
Chloromethane	ug/kg	ND	5	
Vinyl Chloride	ug/kg	ND	5	
Bromomethane	ug/kg	ND	5	
Chloroethane	ug/kg	ND	5	
Trichlorofluoromethane	ug/kg	ND	5	
Methylene Chloride	ug/kg	ND	5	
1,1-Dichloroethene	ug/kg	ND	5	
trans-1,2 Dichloroethene	ug/kg	ND	5	
1,1-Dichloroethane	ug/kg	ND	5	
2,2 Dichloropropane	ug/kg	ND	5	
cis-1,2-Dichloroethene	ug/kg	ND	5	
Chloroform	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,1,1-Trichloroethane	ug/kg	ND	5	
Carbon Tetrachloride	ug/kg	ND	5	
1,1-Dichloropropene	ug/kg	ND	5	
Benzene	ug/kg	ND	5	
1,2-Dichloroethane	ug/kg	ND	5	

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ichloroethene	ug/kg	ND	5
2,2-Dichloropropane	ug/kg	ND	5
Bromodichloromethane	ug/kg	ND	5
bromomethane	ug/kg	ND	5
luene	ug/kg	ND	5
1,1,2-Trichloroethane	ug/kg	ND	5

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QUALITY CONTROL DATA

Pace Project Number:

07423

Client Project ID:

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THOD BLANK: 10653152
ociated Pace Samples:

10640019 10640035

arameter	Units	Method Blank Result	PRL	Footnotes
trachloroethene	ug/kg	ND	5	
3-Dichloropropane	ug/kg	ND	5	
Dibromochloromethane	ug/kg	ND	5	
2-Dibromoethane	ug/kg	ND	5	
lorobenzene	ug/kg	ND	5	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5	
Ethylbenzene	ug/kg	ND	5	
P-Xylene	ug/kg	ND	5	
Xylene (1,2 Dimethylbenzene)	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
omotorm	ug/kg	ND	5	
opropylbenzene (Cumene)	ug/kg	ND	5	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
2,3-Trichloropropane	ug/kg	ND	5	
Propylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
3,5-Trimethylbenzene	ug/kg	ND	5	
Chlorotoluene	ug/kg	ND	5	
1,2,4-Trimethylbenzene	ug/kg	ND	5	
ec Butylbenzene	ug/kg	ND	5	
rt-Butylbenzene	ug/kg	ND	5	
p-Isopropyltoluene	ug/kg	ND	5	
1,3 Dichlorobenzene	ug/kg	ND	5	
4-Dichlorobenzene	ug/kg	ND	5	
Butylbenzene	ug/kg	ND	5	
1,2-Dichlorobenzene	ug/kg	ND	5	
2-Dibromo-3-Chloropropane	ug/kg	ND	5	
2,4 Trichlorobenzene	ug/kg	ND	5	
Hexachlorobutadiene	ug/kg	ND	5	
Naphthalene	ug/kg	ND	5	
2,3-Trichlorobenzene	ug/kg	ND	5	

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ans-1,3-Dichloropropene	ug/kg	ND	5
cis-1,3-Dichloropropene	ug/kg	ND	5
2-Chloroethyl Vinyl Ether	ug/kg	ND	5
etone	ug/kg	ND	20
Butanone	ug/kg	ND	10
4-Methyl-2-Pentanone	ug/kg	ND	10

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QUALITY CONTROL DATA

Pace Project Number:

107423

Client Project ID:

Lbrano 980514-04

METHOD BLANK: 10653152
Associated Pace Samples:

10640019 10640035

Parameter	Units	Method Blank Result	PRL	Footnotes
Carbon Disulfide	ug/kg	ND	10	
2-Hexanone	ug/kg	ND	100	
Vinyl Acetate	ug/kg	ND	100	
Methyl-tert-butyl Ether	ug/kg	ND	5	
1-Propanol	ug/kg	ND	500	
Isopropyl Ether	ug/kg	ND	5	
Ethyl-tert-butyl ether	ug/kg	ND	5	
tert-Amylmethyl ether	ug/kg	ND	5	
2-Methyl-2-propanol	ug/kg	ND	100	
Dibromofluoromethane (S)	%	106		
Toluene-d8 (S)	%	100		
4-Bromofluorobenzene (S)	%	96		
1,2 Dichloroethane-d4 (S)	%	104		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10653178 10653186

Parameter	Units	10640035	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Sp. Dup. % RPD	Footnotes
Dichlorodifluoromethane	ug/kg	0	50	37.00	74.0	37.00	0	
Chloromethane	ug/kg	0	50	40.00	80.0	37.00	8	
Vinyl Chloride	ug/kg	0	50	42.00	84.0	41.00	2	
Bromomethane	ug/kg	0	50	19.00	38.0	35.00	59	

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loroethane	ug/kg	0	50	43.00	86.0	43.00
78.0 10						
richlorofluoromethane	ug/kg	0	50	40.00	80.0	38.00
.0 5						
ethylene Chloride	ug/kg	0	50	39.00	78.0	36.00
72.0 8						
1-Dichloroethene	ug/kg	0	50	41.00	82.0	40.00
.0 2						
trans-1,2-Dichloroethene	ug/kg	0	50	41.00	82.0	40.00
.0 2						
1-Dichloroethane	ug/kg	0	50	43.00	86.0	41.00
82.0 5						
2,2-Dichloropropane	ug/kg	0	50	38.00	76.0	37.00
.0 3						
s-1,2-Dichloroethene	ug/kg	0	50	40.00	80.0	39.00
78.0 3						
loroform	ug/kg	0	50	40.00	80.0	38.00
.0 5						
Bromochloromethane	ug/kg	0	50	38.00	76.0	38.00
76.0 0						
1,1-Trichloroethane	ug/kg	0	50	41.00	82.0	39.00
78.0 5						
Carbon Tetrachloride	ug/kg	0	50	39.00	78.0	37.00
.0 5						
1-Dichloropropene	ug/kg	0	50	41.00	82.0	40.00
80.0 2						
opene	ug/kg	0	50	41.00	82.0	39.00
.0 8						
1,2 Dichloroethane	ug/kg	0	50	44.00	88.0	40.00
80.0 10						

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QUALITY CONTROL DATA

TE: 05/26/98

Pace Project Number:

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Client Project ID:

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TRIX SPIKE & MATRIX SPIKE DUPLICATE: 10653178 10653186

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Parameter	Units	10640035	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Dup % RPD	Footnotes
ichloroethene	ug/kg	0	50	40.00	80.0	38.00	76.0	5
2-Dichloropropane	ug/kg	0	50	41.00	82.0	38.00	.0	8
omodichloromethane	ug/kg	0	50	39.00	78.0	37.00	74.0	5
bromomethane	ug/kg	0	50	39.00	78.0	38.00	.0	3
oluene	ug/kg	0	50	38.00	76.0	36.00	.0	5
1,2-Trichloroethane	ug/kg	0	50	40.00	80.0	38.00	.0	5
Tetrachloroethene	ug/kg	0	50	32.00	64.0	33.00	.0	3
3 Dichloropropane	ug/kg	0	50	40.00	80.0	40.00	80.0	0
promochloromethane	ug/kg	0	50	37.00	74.0	36.00	.0	3
1,2-Dibromoethane	ug/kg	0	50	38.00	76.0	37.00	.0	3
lorobenzene	ug/kg	0	50	36.00	72.0	34.00	.0	6
1,1,2,2-Tetrachloroethane	ug/kg	0	50	35.00	70.0	34.00	.0	3
hylbenzene	ug/kg	0	50	36.00	72.0	35.00	70.0	3
p-Xylene	ug/kg	2.600	100	67.00	64.4	65.00	.4	3
Xylene (1,2-Dimethylbenzene)	ug/kg	0	50	37.00	74.0	35.00	70.0	6

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Styrene	ug/kg	0	50	36.00	72.0	34.00
68.0 6						
Bromoform	ug/kg	0	50	36.00	72.0	34.00
1.0 6						
Isopropylbenzene (Cumene)	ug/kg	0	50	33.00	66.0	31.00
62.0 6						
1,2,2-Tetrachloroethane	ug/kg	0	50	38.00	76.0	36.00
1.0 5						
Bromobenzene	ug/kg	0	50	35.00	70.0	33.00
1.0 6						
1,2,3-Trichloropropane	ug/kg	0	50	39.00	78.0	38.00
76.0 3						
n Propylbenzene	ug/kg	0	50	32.00	64.0	30.00
1.0 6						
2 Chlorotoluene	ug/kg	0	50	34.00	68.0	32.00
64.0 6						
1,3,5-Trimethylbenzene	ug/kg	0	50	34.00	68.0	32.00
1.0 6						
4-Chlorotoluene	ug/kg	0	50	32.00	64.0	31.00
62.0 3						
1,2,4-Trimethylbenzene	ug/kg	0	50	31.00	62.0	30.00
60.0 3						
sec-Butylbenzene	ug/kg	0	50	26.00	52.0	25.00
1.0 4						
tert Butylbenzene	ug/kg	0	50	27.00	54.0	26.00
52.0 4						
p Isopropyltoluene	ug/kg	0	50	27.00	54.0	26.00
1.0 4						
1,3-Dichlorobenzene	ug/kg	0	50	30.00	60.0	29.00
58.0 3						
1,4-Dichlorobenzene	ug/kg	0	50	29.00	58.0	28.00
1.0 4						
n Butylbenzene	ug/kg	0	50	25.00	50.0	25.00
1.0 0						
1,2 Dichlorobenzene	ug/kg	0	50	32.00	64.0	29.00
58.0 10						
1,2 Dibromo-3-Chloropropane	ug/kg	0	50	37.00	74.0	35.00
1.0 6						
1,2,4-Trichlorobenzene	ug/kg	0	50	21.00	42.0	20.00
40.0 5						
Hexachlorobutadiene	ug/kg	0	50	17.00	34.0	18.00
1.0 6						
Naphthalene	ug/kg	0	50	28.00	56.0	27.00
71.0 4						
1,2,3-Trichlorobenzene	ug/kg	0	50	21.00	42.0	19.00
38.0 10						
trans-1,3 Dichloropropene	ug/kg	0	50	40.00	80.0	37.00
1.0 8						
cis-1,3-Dichloropropene	ug/kg	0	50	39.00	78.0	37.00
74.0 5						
Dibromofluoromethane (S)					106	
6						

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QUALITY CONTROL DATA

Pace Project Number:

7423

Client Project ID:

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MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10653178 10653186

Parameter	Units	10640035	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	% RPD	Footnotes
luene-d8 (S)					102			
4-Bromofluorobenzene (S)					106			
2-Dichloroethane-d4 (S)					114			

LABORATORY CONTROL SAMPLE: 10653160

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
chlorodifluoromethane	ug/kg	50	43.00	86.0	
loromethane	ug/kg	50	40.00	80.0	
Vinyl Chloride	ug/kg	50	43.00	86.0	
romomethane	ug/kg	50	49.00	98.0	
loroethane	ug/kg	50	46.00	92.0	
ichlorofluoromethane	ug/kg	50	48.00	96.0	
Methylene Chloride	ug/kg	50	45.00	90.0	
1 Dichloroethene	ug/kg	50	49.00	98.0	
ans-1,2-Dichloroethene	ug/kg	50	50.00	100	
1,1 Dichloroethane	ug/kg	50	48.00	96.0	
2 Dichloropropane	ug/kg	50	50.00	100	
s 1,2-Dichloroethene	ug/kg	50	51.00	102	
loroform	ug/kg	50	47.00	94.0	
Bromochloromethane	ug/kg	50	53.00	106	
1,1-Trichloroethane	ug/kg	50	50.00	100	
rbon Tetrachloride	ug/kg	50	50.00	100	
1,1-Dichloropropene	ug/kg	50	49.00	98.0	
nzene	ug/kg	50	48.00	96.0	

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2-Dichloroethane	ug/kg	50	48.00	96.0
richloroethene	ug/kg	50	50.00	100
2-Dichloropropane	ug/kg	50	46.00	92.0
omodichloromethane	ug/kg	50	46.00	92.0
ibromomethane	ug/kg	50	48.00	96.0
oluene	ug/kg	50	47.00	94.0
1,2-Trichloroethane	ug/kg	50	48.00	96.0
trachloroethene	ug/kg	50	56.00	112
,3-Dichloropropane	ug/kg	50	52.00	104
bromochloromethane	ug/kg	50	54.00	108
2-Dibromoethane	ug/kg	50	51.00	102
hlorobenzene	ug/kg	50	47.00	94.0
1,1,2-Tetrachloroethane	ug/kg	50	48.00	96.0
hylbenzene	ug/kg	50	47.00	94.0

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Pace Project Number:

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Client Project ID:

ltrans 980514.04

LABORATORY CONTROL SAMPLE: 10653160

rameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
P-Xylene	ug/kg	100	90.00	90.0	
Xylene (1,3-Dimethylbenzene)	ug/kg	50	47.00	94.0	
Styrene	ug/kg	50	48.00	96.0	
Bromoform	ug/kg	50	49.00	98.0	
Isopropylbenzene (Cumene)	ug/kg	50	47.00	94.0	
1,1,2,2-Tetrachloroethane	ug/kg	50	50.00	100	
Bromobenzene	ug/kg	50	53.00	106	
1,2,3-Trichloropropane	ug/kg	50	49.00	98.0	
n-Propylbenzene	ug/kg	50	47.00	94.0	
2-Chlorotoluene	ug/kg	50	46.00	92.0	
1,3,5-Trimethylbenzene	ug/kg	50	50.00	100	
4-Chlorotoluene	ug/kg	50	46.00	92.0	
1,2,4-Trimethylbenzene	ug/kg	50	47.00	94.0	
sec-Butylbenzene	ug/kg	50	48.00	96.0	
tert-Butylbenzene	ug/kg	50	44.00	88.0	
p-Isopropyltoluene	ug/kg	50	47.00	94.0	
1,3-Dichlorobenzene	ug/kg	50	48.00	96.0	
1,4-Dichlorobenzene	ug/kg	50	48.00	96.0	
n-Butylbenzene	ug/kg	50	45.00	90.0	
1,2-Dichlorobenzene	ug/kg	50	48.00	96.0	
1,2-Dibromo-3-Chloropropane	ug/kg	50	45.00	90.0	
1,2,4 Trichlorobenzene	ug/kg	50	46.00	92.0	
Hexachlorobutadiene	ug/kg	50	48.00	96.0	
Naphthalene	ug/kg	50	42.00	84.0	
1,2,3 Trichlorobenzene	ug/kg	50	43.00	86.0	
trans-1,3-Dichloropropene	ug/kg	50	48.00	96.0	
cis-1,3-Dichloropropene	ug/kg	50	48.00	96.0	
Dibromofluoromethane (S)				108	
Toluene-d8 (S)				100	
4-Bromofluorobenzene (S)				96	
1,2-Dichloroethane-d4 (S)				100	

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Pace Analytical Long Beach SC
7423
60 Gilman Street
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ng Beach, CA 90815

Pace Project Number:

Client Project ID:

tn: Mr. Richard Villatania
Phone: (562)498-9515

Batch ID: 12854
alysis Method: EPA 8260
Associated Pace Samples: 10640027 10640043 10640050 10640068

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260

METHOD BLANK: 10653238
ociated Pace Samples:

rameter	Units	10640027 10640043 10640050 10640068 Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/kg	ND	5	
loromethane	ug/kg	ND	5	
hyl Chloride	ug/kg	ND	5	
Bromomethane	ug/kg	ND	5	
loroethane	ug/kg	ND	5	
richlorofluoromethane	ug/kg	ND	5	
Methylene Chloride	ug/kg	ND	5	
1 Dichloroethene	ug/kg	ND	5	
ans-1,2 Dichloroethene	ug/kg	ND	5	
1,1 Dichloroethane	ug/kg	ND	5	
2,2 Dichloropropane	ug/kg	ND	5	
s-1,2-Dichloroethene	ug/kg	ND	5	
loroform	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,1-Trichloroethane	ug/kg	ND	5	
rbon Tetrachloride	ug/kg	ND	5	
1,1-Dichloropropene	ug/kg	ND	5	
Benzene	ug/kg	ND	5	
2-Dichloroethane	ug/kg	ND	5	

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ichloroethene	ug/kg	ND	5
1,2-Dichloropropane	ug/kg	ND	5
Bromodichloromethane	ug/kg	ND	5
bromomethane	ug/kg	ND	5
luene	ug/kg	ND	5
1,1,2-Trichloroethane	ug/kg	ND	5

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Pace Project Number:

107423

Client Project ID:

Altrans 980514-04

METHOD BLANK: 10653228
Associated Pace Samples:

10640027 10640043 10640050 10640068

Parameter	Units	Method Blank Result	PRL	Footnotes
Tetrachloroethene	ug/kg	ND	5	
1,3-Dichloropropane	ug/kg	ND	5	
Dibromochloromethane	ug/kg	ND	5	
1,2-Dibromoethane	ug/kg	ND	5	
Chlorobenzene	ug/kg	ND	5	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5	
Ethylbenzene	ug/kg	ND	5	
m&p-Xylene	ug/kg	ND	5	
o-Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
Bromoform	ug/kg	ND	5	
Isopropylbenzene (Cumene)	ug/kg	ND	5	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
1,2,3-Trichloropropane	ug/kg	ND	5	
n-Propylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
1,3,5-Trimethylbenzene	ug/kg	ND	5	
4-Chlorotoluene	ug/kg	ND	5	
1,2,4-Trimethylbenzene	ug/kg	ND	5	
sec-Butylbenzene	ug/kg	ND	5	
tert-Butylbenzene	ug/kg	ND	5	
p-Isopropyltoluene	ug/kg	ND	5	
1,3-Dichlorobenzene	ug/kg	ND	5	
1,4-Dichlorobenzene	ug/kg	ND	5	
n-Butylbenzene	ug/kg	ND	5	
1,2-Dichlorobenzene	ug/kg	ND	5	
1,2-Dibromo-3-Chloropropane	ug/kg	ND	5	
1,2,4-Trichlorobenzene	ug/kg	ND	5	
Hexachlorobutadiene	ug/kg	ND	5	
Naphthalene	ug/kg	ND	5	
1,2,3-Trichlorobenzene	ug/kg	ND	5	

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ans-1,3-Dichloropropene	ug/kg	ND	5
cis-1,3-Dichloropropene	ug/kg	ND	5
2-Chloroethyl Vinyl Ether	ug/kg	ND	5
etone	ug/kg	ND	20
Butanone	ug/kg	ND	10
4 Methyl-2-Pentanone	ug/kg	ND	10

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Caltrans 980514 04 Client Project ID:

METHOD BLANK: 10653228
Associated Pace Samples:

10640027 10640043 10640050 10640068

Parameter	Units	Method Blank Result	PRL	Footnotes
Carbon Disulfide	ug/kg	ND	10	
Hexanone	ug/kg	ND	100	
Vinyl Acetate	ug/kg	ND	100	
Methyl-tert-butyl Ether	ug/kg	ND	5	
Propanol	ug/kg	ND	500	
Isopropyl Ether	ug/kg	ND	5	
Ethyl-tert-butyl ether	ug/kg	ND	5	
tert-Amylmethyl ether	ug/kg	ND	5	
Methyl-2-propanol	ug/kg	ND	100	
Dibromofluoromethane (S)	%	106		
Toluene-d8 (S)	%	100		
Bromofluorobenzene (S)	%	96		
1,2 Dichloroethane-d4 (S)	%	108		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10653236 10653244

Parameter	Units	10640027	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	% RPD	Footnotes
Dichlorodifluoromethane	ug/kg	0	50	30.00	60.0	31.00	3.0	
Chloromethane	ug/kg	0	50	32.00	64.0	31.00	62.0	3
Vinyl Chloride	ug/kg	0	50	33.00	66.0	32.00	3.0	
Bromomethane	ug/kg	0	50	27.00	54.0	31.00	13.0	14

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Chloroethane	ug/kg	0	50	34.00	68.0	34.00
66.0 3						
Trichlorofluoromethane	ug/kg	0	50	34.00	68.0	34.00
68.0 0						
Methylene Chloride	ug/kg	0	50	32.00	64.0	32.00
64.0 0						
1,1-Dichloroethene	ug/kg	0	50	35.00	70.0	35.00
70.0 0						
trans-1,2-Dichloroethene	ug/kg	0	50	35.00	70.0	35.00
70.0 0						
1,1-Dichloroethane	ug/kg	0	50	36.00	72.0	35.00
70.0 3						
2,2-Dichloropropane	ug/kg	0	50	36.00	72.0	35.00
70.0 3						
cis-1,2-Dichloroethene	ug/kg	0	50	34.00	68.0	35.00
70.0 3						
Chloroform	ug/kg	0	50	34.00	68.0	33.00
70.0 3						
Bromochloromethane	ug/kg	0	50	33.00	66.0	34.00
68.0 3						
1,1,1-Trichloroethane	ug/kg	0	50	35.00	70.0	35.00
70.0 0						
Carbon Tetrachloride	ug/kg	0	50	34.00	68.0	34.00
68.0 0						
1,1-Dichloropropene	ug/kg	0	50	36.00	72.0	36.00
72.0 0						
Benzene	ug/kg	0	50	35.00	70.0	35.00
70.0 0						
1,2-Dichloroethane	ug/kg	0	50	37.00	74.0	35.00
70.0 6						

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Pace Project Number:

7423

Client Project ID:

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MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10653236 10653244

ike Dup ameter RPD	Units	10640027	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	% Footnotes
ichloroethene 0.0 0	ug/kg	0	50	36.00	72.0	36.00	
1,2-Dichloropropane .0 3	ug/kg	0	50	35.00	70.0	34.00	
modichloromethane 6.0 3	ug/kg	0	50	34.00	68.0	33.00	
romomethane .0 3	ug/kg	0	50	34.00	68.0	33.00	
Toluene .0 0	ug/kg	0	50	33.00	66.0	33.00	
1,2-Trichloroethane .0 3	ug/kg	0	50	34.00	68.0	33.00	
Tetrachloroethene .0 3	ug/kg	0	50	32.00	64.0	33.00	
3-Dichloropropane 0.0 3	ug/kg	0	50	36.00	72.0	35.00	
bromochloromethane .0 0	ug/kg	0	50	32.00	64.0	32.00	
2 Dibromoethane 8.0 3	ug/kg	0	50	35.00	70.0	34.00	
lorobenzene .0 0	ug/kg	0	50	33.00	66.0	33.00	
1,1,2-Tetrachloroethane .0 0	ug/kg	0	50	32.00	64.0	32.00	
ylbenzene 6.0 3	ug/kg	0	50	34.00	68.0	33.00	
&p-Xylene .0 2	ug/kg	0	100	63.00	63.0	64.00	
Xylene (1,2-Dimethylbenzene) 8.0 3	ug/kg	0	50	35.00	70.0	34.00	

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ene	ug/kg	0	50	35.00	70.0	35.00
66.0 6						
omoform	ug/kg	0	50	33.00	66.0	31.00
1.0 6						
opropylbenzene (Cumene)	ug/kg	0	50	34.00	68.0	33.00
66.0 3						
1,2,2-Tetrachloroethane	ug/kg	0	50	35.00	70.0	33.00
.0 6						
Bromobenzene	ug/kg	0	50	33.00	66.0	33.00
.0 0						
2,3-Trichloropropane	ug/kg	0	50	38.00	76.0	35.00
70.0 8						
n-Propylbenzene	ug/kg	0	50	33.00	66.0	32.00
.0 3						
2 Chlorotoluene	ug/kg	0	50	33.00	66.0	33.00
66.0 0						
3,5-Trimethylbenzene	ug/kg	0	50	34.00	68.0	33.00
.0 3						
4 Chlorotoluene	ug/kg	0	50	33.00	66.0	32.00
4.0 3						
2,4-Trimethylbenzene	ug/kg	0	50	32.00	64.0	31.00
62.0 3						
ec-Butylbenzene	ug/kg	0	50	31.00	62.0	29.00
.0 7						
rt Butylbenzene	ug/kg	0	50	31.00	62.0	29.00
58.0 7						
Isopropyltoluene	ug/kg	0	50	32.00	64.0	30.00
.0 6						
1,3-Dichlorobenzene	ug/kg	0	50	32.00	64.0	32.00
64.0 0						
4-Dichlorobenzene	ug/kg	0	50	32.00	64.0	31.00
.0 3						
n-Butylbenzene	ug/kg	0	50	32.00	64.0	30.00
.0 6						
2 Dichlorobenzene	ug/kg	0	50	33.00	66.0	31.00
62.0 6						
2-Dibromo-3-Chloropropane	ug/kg	0	50	18.00	36.0	32.00
.0 56						
1,2,4-Trichlorobenzene	ug/kg	0	50	28.00	56.0	25.00
50.0 11						
Hexachlorobutadiene	ug/kg	0	50	29.00	58.0	25.00
.0 15						
Naphthalene	ug/kg	0	50	32.00	64.0	30.00
.0 6						
2,3 Trichlorobenzene	ug/kg	0	50	26.00	52.0	24.00
46.0 8						
trans-1,3-Dichloropropene	ug/kg	0	50	35.00	70.0	34.00
.0 3						
s-1,3-Dichloropropene	ug/kg	0	50	35.00	70.0	34.00
68.0 3						
bromofluoromethane (S)					104	
4						

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Pace Project Number:

.7423

Client Project ID:

ltrans 980514-04

TRIX SPIKE & MATRIX SPIKE DUPLICATE: 10653236 10653244

ike

Parameter	Units	10640027	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Dup % RPD	Footnotes
luene-d8 (S)					102			
100								
-Bromofluorobenzene (S)					104			
2								
,2-Dichloroethane-d4 (S)					112			
112								

BORATORY CONTROL SAMPLE: 10653251

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
chlorodifluoromethane	ug/kg	50	40.00	80.0	
loromethane	ug/kg	50	39.00	78.0	
Vinyl Chloride	ug/kg	50	41.00	82.0	
promomethane	ug/kg	50	44.00	88.0	
loroethane	ug/kg	50	44.00	88.0	
Trichlorofluoromethane	ug/kg	50	44.00	88.0	
Methylene Chloride	ug/kg	50	42.00	84.0	
1 Dichloroethene	ug/kg	50	45.00	90.0	
ans-1,2 Dichloroethene	ug/kg	50	47.00	94.0	
1,1-Dichloroethane	ug/kg	50	46.00	92.0	
2 Dichloropropane	ug/kg	50	48.00	96.0	
s-1,2-Dichloroethene	ug/kg	50	46.00	92.0	
Chloroform	ug/kg	50	45.00	90.0	
Bromochloromethane	ug/kg	50	47.00	94.0	
1,1-Trichloroethane	ug/kg	50	47.00	94.0	
Carbon Tetrachloride	ug/kg	50	45.00	90.0	
1,1-Dichloropropene	ug/kg	50	47.00	94.0	
nzene	ug/kg	50	46.00	92.0	

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2-Dichloroethane	ug/kg	50	48.00	96.0
Trichloroethene	ug/kg	50	46.00	92.0
2-Dichloropropane	ug/kg	50	44.00	88.0
omodichloromethane	ug/kg	50	44.00	88.0
ibromomethane	ug/kg	50	45.00	90.0
oluene	ug/kg	50	45.00	90.0
1,2-Trichloroethane	ug/kg	50	45.00	90.0
trachloroethene	ug/kg	50	46.00	92.0
1,3-Dichloropropane	ug/kg	50	47.00	94.0
bromochloromethane	ug/kg	50	46.00	92.0
2-Dibromoethane	ug/kg	50	47.00	94.0
nlorobenzene	ug/kg	50	44.00	88.0
1,1,2-Tetrachloroethane	ug/kg	50	44.00	88.0
hylbenzene	ug/kg	0	44.00	88.0

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QUALITY CONTROL DATA

Pace Project Number:

107423

Client Project ID:

Qtrans 980514-04

LABORATORY CONTROL SAMPLE: 10653251

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
P-Xylene	ug/kg	100	86.00	86.0	
Xylene (1,2-Dimethylbenzene)	ug/kg	50	45.00	90.0	
Styrene	ug/kg	50	46.00	92.0	
Bromoform	ug/kg	50	45.00	90.0	
Isopropylbenzene (Cumene)	ug/kg	50	43.00	86.0	
1,1,2,2 Tetrachloroethane	ug/kg	50	46.00	92.0	
Bromobenzene	ug/kg	50	46.00	92.0	
1,2,3-Trichloropropane	ug/kg	50	47.00	94.0	
n-Propylbenzene	ug/kg	50	42.00	84.0	
2-Chlorotoluene	ug/kg	50	41.00	82.0	
1,3,5-Trimethylbenzene	ug/kg	50	44.00	88.0	
4-Chlorotoluene	ug/kg	50	43.00	86.0	
1,2,4-Trimethylbenzene	ug/kg	50	40.00	80.0	
sec-Butylbenzene	ug/kg	50	39.00	78.0	
tert-Butylbenzene	ug/kg	50	39.00	78.0	
p-Isopropyltoluene	ug/kg	50	40.00	80.0	
1,3-Dichlorobenzene	ug/kg	50	43.00	86.0	
1,4-Dichlorobenzene	ug/kg	50	41.00	82.0	
n-Butylbenzene	ug/kg	50	39.00	78.0	
1,2-Dichlorobenzene	ug/kg	50	43.00	86.0	
1,2-Dibromo 3 Chloropropane	ug/kg	50	44.00	88.0	
1,2,4-Trichlorobenzene	ug/kg	50	38.00	76.0	
Hexachlorobutadiene	ug/kg	50	41.00	82.0	
Naphthalene	ug/kg	50	40.00	80.0	
1,2,3-Trichlorobenzene	ug/kg	50	37.00	74.0	
trans-1,3-Dichloropropene	ug/kg	50	46.00	92.0	
cis-1,3 Dichloropropene	ug/kg	50	46.00	92.0	
Bromofluoromethane (S)				104	
Toluene-d8 (S)				102	
4-Bromofluorobenzene (S)				96	
1,2-Dichloroethane-d4 (S)				104	

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QUALITY CONTROL DATA

Pace Analytical Long Beach SC
17423
3960 Gilman Street
Caltrans 980514-04
Long Beach, CA 90815

Pace Project Number:

Client Project ID:

Attn: Mr. Richard Villafania
Phone: (562)498-9515

QC Batch ID: 12856
Analysis Method: EPA 8260
Associated Pace Samples: 10641207

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260

METHOD BLANK: 10653269
Associated Pace Samples:
10641207

Parameter	Units	Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/kg	ND	5	
Chloromethane	ug/kg	ND	5	
Vinyl Chloride	ug/kg	ND	5	
Bromomethane	ug/kg	ND	5	
Chloroethane	ug/kg	ND	5	
Trichlorofluoromethane	ug/kg	ND	5	
Methylene Chloride	ug/kg	ND	5	
1,1-Dichloroethene	ug/kg	ND	5	
trans-1,2-Dichloroethene	ug/kg	ND	5	
1,1-Dichloroethane	ug/kg	ND	5	
2,2-Dichloropropane	ug/kg	ND	5	
cis-1,2-Dichloroethene	ug/kg	ND	5	
Chloroform	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,1,1-Trichloroethane	ug/kg	ND	5	
Carbon Tetrachloride	ug/kg	ND	5	
1,1 Dichloropropene	ug/kg	ND	5	
Benzene	ug/kg	ND	5	
1,2 Dichloroethane	ug/kg	ND	5	

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ichloroethene	ug/kg	ND	5
1,2-Dichloropropane	ug/kg	ND	5
Bromodichloromethane	ug/kg	ND	5
bromomethane	ug/kg	ND	5
trans-1,3-Dichloropropene	ug/kg	ND	5
Toluene	ug/kg	ND	5

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QUALITY CONTROL DATA

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Pace Project Number:

7423

Client Project ID:

ltrans 980514 04

THOD BLANK: 10653269
ociated Pace Samples:
10641207

rameter	Units	Method Blank Result	PRL	Footnotes
s-1,3-Dichloropropene	ug/kg	ND	5	
1,2-Trichloroethane	ug/kg	ND	5	
Tetrachloroethene	ug/kg	ND	5	
3 Dichloropropane	ug/kg	ND	5	
bromochloromethane	ug/kg	ND	5	
,2-Dibromoethane	ug/kg	ND	5	
Chlorobenzene	ug/kg	ND	5	
1,1,2 Tetrachloroethane	ug/kg	ND	5	
hylbenzene	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
omoform	ug/kg	ND	5	
opropylbenzene (Cumene)	ug/kg	ND	5	
1,1,2,2 Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
2,3-Trichloropropane	ug/kg	ND	5	
Propylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
3,5-Trimethylbenzene	ug/kg	ND	5	
Chlorotoluene	ug/kg	ND	5	
ert-Butylbenzene	ug/kg	ND	5	
1,2,4-Trimethylbenzene	ug/kg	ND	5	
c-Butylbenzene	ug/kg	ND	5	
Isopropyltoluene	ug/kg	ND	5	
1,3-Dichlorobenzene	ug/kg	ND	5	
4-Dichlorobenzene	ug/kg	ND	5	
Butylbenzene	ug/kg	ND	5	
1,2 Dichlorobenzene	ug/kg	ND	5	
2-Dibromo-3-Chloropropane	ug/kg	ND	5	
2,4-Trichlorobenzene	ug/kg	ND	5	
Hexachlorobutadiene	ug/kg	ND	5	
Naphthalene	ug/kg	ND	5	
2,3-Trichlorobenzene	ug/kg	ND	5	

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Chloroethyl Vinyl Ether	ug/kg	ND	5
Acetone	ug/kg	ND	20
Butanone	ug/kg	ND	10
Methyl-2-Pentanone	ug/kg	ND	10
arbon Disulfide	ug/kg	ND	10
2-Hexanone	ug/kg	ND	100

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QUALITY CONTROL DATA

Pace Project Number:

7423

Client Project ID:

(ltrans 980514-04

THOD BLANK: 10653269
sociated Pace Samples:
10641207

Parameter	Units	Method Blank Result	PRL	Footnotes
nyl Acetate	ug/kg	ND	100	
chyl-tert-butyl Ether	ug/kg	ND	5	
Isopropyl Ether	ug/kg	ND	5	
O-Xylene (1,2 Dimethylbenzene)	ug/kg	ND	5	
P-Xylene	ug/kg	ND	5	
Ethanol	ug/kg	0.00	0	
2-Methyl 2 propanol	ug/kg	0.00	0	
hyl-tert-butyl ether	ug/kg	0.00	0	
rt-Amylmethyl ether	ug/kg	0.00	0	
Dibromofluoromethane (S)	%	106		
Toluene-d8 (S)	%	100		
Bromofluorobenzene (S·	%	96		
1,2-Dichloroethane d4 (S)	%	108		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10653277 10653285

Parameter	Units	Matrix 10641207	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	% RPD	Footnotes
1 Dichloroethene	ug/kg	0	50	39.00	78.0	38.00		
.0 3								
Benzene	ug/kg	0	50	40.00	80.0	38.00		
5.0 5								
Dichloroethene	ug/kg	0	50	40.00	80.0	38.00		
0.0 5								
Toluene	ug/kg	0	50	38.00	76.0	35.00		
.0 8								

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lorobenzene	ug/kg	0	50	36.00	72.0	66.0 9
Dibromofluoromethane (S)					104	
Toluene-d8 (S)					102	
Bromofluorobenzene (S)					104	
1,2-Dichloroethane-d4 (S)					116	

BORATORY CONTROL SAMPLE: 10653293

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
chlorodifluoromethane	ug/kg	50	40.00	80.0	
Chloromethane	ug/kg	50	39.00	78.0	
Vinyl Chloride	ug/kg	50	41.00	82.0	
omomethane	ug/kg	50	44.00	88.0	

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QUALITY CONTROL DATA

I TE: 05/26/99

Pace Project Number:

107423

Client Project ID:

(ltrans 980514-04

I SORATORY CONTROL SAMPLE: 10653293

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
(loroethane	ug/kg	50	44.00	88.0	
i.ichlorofluoromethane	ug/kg	50	44.00	88.0	
Methylene Chloride	ug/kg	50	42.00	84.0	
' 1-Dichloroethene	ug/kg	50	45.00	90.0	
f ans-1,2-Dichloroethene	ug/kg	50	47.00	94.0	
1,1 Dichloroethane	ug/kg	50	46.00	92.0	
? 2-Dichloropropane	ug/kg	50	48.00	96.0	
(s-1,2-Dichloroethene	ug/kg	50	46.00	92.0	
Chloroform	ug/kg	50	45.00	90.0	
Bromochloromethane	ug/kg	50	47.00	94.0	
: 1,1-Trichloroethane	ug/kg	50	47.00	94.0	
(tbon Tetrachloride	ug/kg	50	45.00	90.0	
1,1-Dichloropropene	ug/kg	50	47.00	94.0	
f nzene	ug/kg	50	46.00	92.0	
: 2-Dichloroethane	ug/kg	50	48.00	96.0	
Trichloroethene	ug/kg	50	46.00	92.0	
1 2-Dichloropropane	ug/kg	50	44.00	88.0	
: omodichloromethane	ug/kg	50	44.00	88.0	
I..bromomethane	ug/kg	50	45.00	90.0	
trans-1,3-Dichloropropene	ug/kg	50	46.00	92.0	
. luene	ug/kg	50	45.00	90.0	
(s-1,3 Dichloropropene	ug/kg	50	46.00	92.0	
1,1,2-Trichloroethane	ug/kg	50	45.00	90.0	
Tetrachloroethene	ug/kg	50	46.00	92.0	
' 3-Dichloropropane	ug/kg	50	47.00	94.0	
Dibromochloromethane	ug/kg	50	46.00	92.0	
1,2-Dibromoethane	ug/kg	50	47.00	94.0	
' lorobenzene	ug/kg	50	44.00	88.0	
1,1,2 Tetrachloroethane	ug/kg	50	44.00	88.0	
Ethylbenzene	ug/kg	50	44.00	88.0	
' yrene	ug/kg	50	46.00	92.0	
) omoform	ug/kg	50	45.00	90.0	
Isopropylbenzene (Cumene)	ug/kg	50	43.00	86.0	
1,1,2,2 Tetrachloroethane	ug/kg	50	46.00	92.0	
' omobenzene	ug/kg	50	46.00	92.0	

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2,3-Trichloropropane	ug/kg	50	47.00	94.0
n-Propylbenzene	ug/kg	50	42.00	84.0
?-Chlorotoluene	ug/kg	50	41.00	82.0
3,5-Trimethylbenzene	ug/kg	50	44.00	88.0
Chlorotoluene	ug/kg	50	43.00	86.0
tert-Butylbenzene	ug/kg	50	39.00	78.0

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QUALITY CONTROL DATA

TE: 05/26/98

PAGE: 33

Pace Project Number:

107423

Client Project ID:

ltrans 980514-04

BORATORY CONTROL SAMPLE: 10653293

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
2,4-Trimethylbenzene	ug/kg	50	40.00	80.0	
ec-Butylbenzene	ug/kg	50	39.00	78.0	
p-Isopropyltoluene	ug/kg	50	40.00	80.0	
3-Dichlorobenzene	ug/kg	50	43.00	86.0	
4-Dichlorobenzene	ug/kg	50	41.00	82.0	
n Butylbenzene	ug/kg	50	39.00	78.0	
2-Dichlorobenzene	ug/kg	50	43.00	86.0	
2-Dibromo-3-Chloropropane	ug/kg	50	44.00	88.0	
1,2,4-Trichlorobenzene	ug/kg	50	38.00	76.0	
Hexachlorobutadiene	ug/kg	50	41.00	82.0	
phthalene	ug/kg	50	40.00	80.0	
2,3-Trichlorobenzene	ug/kg	50	37.00	74.0	
Dibromofluoromethane (S)				104	
luene-d8 (S)				102	
Bromofluorobenzene (S)				96	
1,2 Dichloroethane-d4 (S)				104	

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Pace Project Number:
107423

Client Project ID:
ltrans 980514-04

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

U	Not Detected
ND	Not Calculable
PRL	Pace Reporting Limit
RPD	Relative Percent Difference
S	Surrogate

Pace Analytical

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Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

BCG Analytical

100514-04

423343

Page 1 of 6

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 46001 SFW		Pace Project No.
Sampled By (PRINT): SCOTT BOWERS	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5-28-98
Sampler Signature:	Date Sampled: 5/13/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PAGE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	8020	8260	8270	8080 PCB	CAM17	REMARKS
1	T13-2-S	655	S								X	X		X			
2	T13-2-3.0	700															RUSH
3	T13-2-5.0	705															Archive
4	T13-3-S	715									X	X		X			
5	T13-3-3.0	720															RUSH
6	T13-3-5.0	725															Archive
7	T12-1-S	735									X	X		X			
8	T12-1-3.0	740															RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnight			

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/13/98	1700	CA Overnight	5/13/98	1700

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

40051404

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
Phone: 510 785-1111	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5/28

Sampled By (PRINT): SCOTT BOWERS

Sampler Signature

Date Sampled: 5/13/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-D	8020	8260	8270	8080	CAM 17	REMARKS
1	T12-1-5.0	745	S								X	X		X			
2	T11-1-5	750	|								X	X				
3	T11-1-3.0	755	|								X	X				Rush
4	T11-1-5.0	800	|								X	X		SB		Archive
5	T11-2-5	815	|								X	X				
6	T11-2-3.0	820	|								X	X				Rush
7	T11-2-5.0	825	|								X	X		SB		Archive
8	T10-1-5	825	✓														

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnight			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/13/98	1700	CA Overnight	5/13/98	1700

SAMPLE CONDITION

Temp: _____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8.97

Pace Analytical

980514-04 423350

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: BE	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
	Project Name / No.: CALTRANS SFW		*Requested Due Date:

Sampled By (PRINT): SCOTT BOWERS

Sampler Signature: [signature]

Date Sampled: 5/13/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020	4260	8270	8080	CAM 17	REMARKS
1	T10-1-5.0	835	S								X	X	X		X		Rush
2	T10-1-10.0	845												SB			Archive
3	T10-2-5	940															
4	T10-2-3.0	945															Rush
5	T10-2-5.0	950												SB			Archive
6	T10-3-3	1005										X	X				
7	T10-3-3.0	1010															Rush
8	T10-3-5.0	1015	↓											SD			Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA overnight			

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSI	5/13/98	1700	CA Overnight	5/13/98	1700

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

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980514-04

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
	Project Name / No.: CALTRANS SFW		*Requested Due Date:

Sampled By (PRINT): SCOTT BOWERS

Sampler Signature:

Date Sampled: 5/13/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-S	8020	8260	8270	8080	CAM 17	REMARKS
1	T9-2-S	1025	S								X	X	X	X			
2	T9-2-10.0	1030									↓	↓	↓	↓			RUSH
3	T9-2-15.0	1035									↓	↓	↓	↓			Archive
4	T8-1-S	1155									X	X		X			
5	T8-1-3.0	1200									↓	↓		↓			RUSH
6	T8-1-5.0	1205									↓	↓		↓			Archive
7	T8-2-S	1210									X	X	X	X			
8	T8-2-3.0	1215	↓								X	X	X	X			RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/13/98	1700	CA Overnight	5/14/98	1700

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8.97

Pace Analytical

480514-04 423341

Page 5 of 6

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
Sampled By (PRINT): SCOTT BOWERS	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5-28
Sampler Signature:	Date Sampled: 5/13/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020	8260	8270	8040	CAM 17
1	T8-2-5.0	1220	S								X	X	X	X		
2	T8-3-5	1230														
3	T8-3-3.0	1235									X	X	X	X		
4	T8-3-5.0	1240														
5	T8-4-5	1245									X	X	X	X		
6	T8-4-3.0	1250														
7	T8-4-5.0	1255									X	X	X	X		
8	T12-3-5	1305														

REMARKS
Archive
Rush
Archive
Rush
Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PST	5/13/98	1700	CA Overnight	5/13/98	1700

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS
Address: 1320 W. WINTON AVE. HAYWARD CA. 94545	Bill To: SAME
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW
	Project Name / No.: CALTRANS SFW

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

Sampled By (PRINT): SCOTT BOWERS
Sampler Signature
Date Sampled: 5/13/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020	8260	4270	8040 (AM1)	REMARKS
1	T12-3-3.0	1310	Soil								X	X	X	X		Rush
2	T12-3-5.0	1315														Archive
3	T11-3-5	1320									X	X		X		
4	T11-3-3.0	1325									X	X		X		Rush
5	T11-3-5.0	1330														Archive
6	T13-1-5	1350									X	X		X		
7	T13-1-3.0	1355									X	X		X		Rush
8	T13-1-5.0	1400	↓													Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature]	5/13/98	1700	CA Overnight	5/13/98	1700

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8 97

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13225A 3:0631

7 OF 7

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI

Address:

Phone:

Report To:

Bill To:

P.O. # / Billing Reference:

Project Name / No.: CALTRANS SFW

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [x] Normal 14 Days

Pace Client No.:

Pace Project Manager:

Pace Project No.: 980514-04

*Requested Due Date:

Sampled By (PRINT): SCOTT BOWERS

Sampler Signature:

Date Sampled: 5-13-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-S	BO20	B270	PCBS	CAM 17	REMARKS
1	T10-1-3 ✓	0830	SOIL		1						X	X	X	X	X	
2																
3																
4																
5																
6																
7																
8																

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8.97

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980515-07
PACE ANALYTICAL WO #: 13238A
Client ID #: 575-8G001

Date: 6/19/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/14/98 and received on 05/15/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Soil)	2-11
CCR Metals (Water)	12-13
BTEX (Soil)	14-15
BTEX (Water)	16-17
TPH-Speciation (Soil)	18-19
TPH-Speciation (Water)	20-21
List of Abbreviations and Definitions	22

In addition the analysis for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1226

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
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Pace Analytical

PACE ANALYTICAL Project#:980515-07
PACE ANALYTICAL WO#: 13238A
Client ID#: 575-8G001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T9-1-S	T9-1-3	T9-1-5	T9-3-S	T9-3-3	T9-3-5	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	100	270	260	140	79	54	10	6010
Beryllium (Be)	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	20	21	30	33	21	28	0.5	6010
Cobalt (Co)	6.2	7.6	7.9	7.9	5.7	5.1	1.0	6010
Copper (Cu)	12	51	35	20	10	12	2.5	6010
Lead (Pb)	49	320	160	79	46	60	1.0	6010
Mercury (Hg)*	<0.05	5.5	3.1**	0.08	0.11	0.36**	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	19	24	29	29	17	19	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	20	18	26	29	17	23	0.5	6010
Zinc (Zn)	56	150	210	75	43	54	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/08/98
**Mercury analyzed at ATL, 5/27/98, PRL=0.10 mg/Kg.

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Pace Analytical

PACE ANALYTICAL Project#:980515-07
PACE ANALYTICAL WO#: 13238A
Client ID#: 575-8G001

Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T7-2-S	T7-2-3	T7-2-5	T7-3-S	T7-3-3	T7-3-5	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98		
Analyte									
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	140	63	58	170	100	120	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	30	35	25	33	35	39	<0.5	0.5	6010
Cobalt (Co)	10	7.1	6.2	12	8.9	9.3	<1.0	1.0	6010
Copper (Cu)	30	4.2	3.7	25	11	14	<2.5	2.5	6010
Lead (Pb)	12	<1.0	1.2	11	33	20	<1.0	1.0	6010
Mercury (Hg)*	0.21	0.05	0.23**	0.22	0.15	<0.10**	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	34	33	31	37	30	34	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	27	25	19	30	32	30	<0.5	0.5	6010
Zinc (Zn)	60	19	17	60	44	41	<10	10	6010
DF	1	1	1	1	1	1	1		

*Mercury analyzed on 06/08/98
**Mercury analyzed at ATL, 5/27/98. PRL=0.10 mg/Kg.

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PACE ANALYTICAL Project#:980515-07
PACE ANALYTICAL WO#: 13238A
Client ID#: 575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/24/98		05/24/98	05/24/98			
Antimony (Sb)	6010	94	70-130	55**	51**	60-130	7.5	0-25
Arsenic (As)	6010	85	78-104	85	77	34-135	9.9	0-15
Barium (Ba)	6010	64	81-117	100	83	55-130	19	0-25
Beryllium (Be)	6010	99	70-130	87	79	70-130	9.6	0-25
Cadmium (Cd)	6010	84	75-104	85	74	73-115	14	0-15
Chromium (Cr)	6010	88	81-103	92	78	62-125	16	0-15
Cobalt (Co)	6010	97	70-130	85	74	70-130	14	0-25
Copper (Cu)	6010	88	70-130	84	75	70-140	11	0-25
Lead (Pb)	6010	82	76-104	87	70	48-120	22	0-30
Mercury (Hg)*	7471	100	76-121	122	101	70-135	19	0-30
Molybdenum (Mo)	6010	99	70-130	83	75	70-130	10	0-25
Nickel (Ni)	6010	86	70-130	94	76	70-130	21	0-25
Selenium (Se)	6010	89	79-102	86	78	42-120	9.8	0-16
Silver (Ag)	6010	58	77-107	84	22**	53-115	117**	0-19
Thallium (Tl)	6010	84	70-130	83	75	70-130	10	0-25
Vanadium (V)	6010	99	70-130	93	82	70-130	13	0-25
Zinc (Zn)	6010	86	70-130	87	74	70-130	16	0-25

*Mercury analyzed on 06/08/98.
**Sample matrix effect.

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PACE ANALYTICAL WO#: 13238A
Client ID#: 575-8G001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T7-4-S	T7-4-3	T7-4-5	T6-1-S	T6-1-3	T6-1-5	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	64	68	76	140	40	56	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	30	25	56	34	34	73	0.5	6010
Cobalt (Co)	8.6	5.0	10	6.2	6.1	5.7	1.0	6010
Copper (Cu)	9.3	6.3	12	22	3.6	6.5	2.5	6010
Lead (Pb)	7.9	14	18	180	1.1	1.3	1.0	6010
Mercury (Hg)*	0.13	0.16	<0.10**	0.71	<0.05	<0.10**	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	25	17	35	19	35	49	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	29	25	46	28	27	31	0.5	6010
Zinc (Zn)	25	22	30	170	14	18	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/08/98.
**Mercury analyzed at ATL, 5/27/98, PRL=0.10 mg/Kg.

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PACE ANALYTICAL Project#:980515-07
PACE ANALYTICAL WO#: 13238A
Client ID#: 575-8G001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T6-2-S	T6-2-3	T6-2-5	T6-3-S	T6-3-3	T6-3-5	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	10	6.0	8.3	5.0	6010
Barium (Ba)	91	60	59	110	36	42	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.6	0.6	0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.6	0.6	<0.5	0.5	6010
Chromium (Cr)	45	41	56	22	33	55	0.5	6010
Cobalt (Co)	8.2	6.5	8.1	17	6.0	9.2	1.0	6010
Copper (Cu)	12	10	9.9	36	9.5	11	2.5	6010
Lead (Pb)	27	19	4.4	15	8.2	5.6	1.0	6010
Mercury (Hg)*	0.14	<0.05	<0.10**	0.05	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	35	24	40	39	26	32	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	35	32	42	22	42	54	0.5	6010
Zinc (Zn)	37	30	28	77	30	33	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/08/98.
**Mercury analyzed at ATL, 5/27/98. PRL=0.10 mg/Kg.

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PACE ANALYTICAL Project#:980515-07
PACE ANALYTICAL WO#: 13238A
Client ID#: 575-8G001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T6-3-10	T6-3-15	T5-3-S	T5-3-3	T5-3-5	T6-3-10	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	12	<5.0	5.8	<5.0	5.0	6010
Barium (Ba)	620	62	220	45	110	32	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.5	6010
Chromium (Cr)	43	66	31	24	46	32	0.5	6010
Cobalt (Co)	7.7	11	33	3.0	3.4	4.5	1.0	6010
Copper (Cu)	18	12	33	7.3	56	7.0	2.5	6010
Lead (Pb)	170	3.7	20	19	280	5.0	1.0	6010
Mercury (Hg)*	0.06	<0.10**	<0.05	0.26	0.61	<0.10**	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	14	<2.5	2.5	6010
Nickel (Ni)	24	33	62	15	20	16	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	6.9	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	33	41	29	33	15	21	0.5	6010
Zinc (Zn)	170	24	90	38	200	99	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/08/98.
**Mercury analyzed at ATL, 5/27/98, PRL=0.10 mg/Kg.

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PACE ANALYTICAL Project#:980515-07
PACE ANALYTICAL WO#: 13238A
Client ID#: 575-BG001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T5-4-S	T5-4-3	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/25/98	05/25/98	05/25/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	12	<5.0	<5.0	5.0	6010
Barium (Ba)	250	28	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.8	<0.5	<0.5	0.5	6010
Chromium (Cr)	26	29	<0.5	0.5	6010
Cobalt (Co)	14	4.0	<1.0	1.0	6010
Copper (Cu)	20	7.8	<2.5	2.5	6010
Lead (Pb)	32	34	<1.0	1.0	6010
Mercury (Hg)*	<0.05	1.2	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	38	16	<0.5	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	9.2	<5.0	<5.0	5.0	6010
Vanadium (V)	33	23	<0.5	0.5	6010
Zinc (Zn)	84	83	<10	10	6010
DF	1	1	1		

*Mercury analyzed on 06/08/98.

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PACE ANALYTICAL Project#:980515-07
PACE ANALYTICAL WO#: 13238A
Client ID#: 575-BG001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		05/25/98		05/25/98	05/25/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	86	70-130	64	59**	60-130	8.1	0-25
Arsenic (As)	6010	89	78-104	90	89	34-135	1.1	0-15
Barium (Ba)	6010	84	81-117	91	88	55-130	3.4	0-25
Beryllium (Be)	6010	90	70-130	90	86	70-130	4.5	0-25
Cadmium (Cd)	6010	84	75-104	86	83	73-115	3.6	0-15
Chromium (Cr)	6010	90	81-103	110	110	62-125	0.0	0-15
Cobalt (Co)	6010	87	70-130	88	84	70-130	4.7	0-25
Copper (Cu)	6010	90	70-130	90	87	70-140	3.4	0-25
Lead (Pb)	6010	83	76-104	80	80	48-120	0.0	0-30
Mercury (Hg)*	7471	95	76-121	138	102	70-135	30	0-30
Molybdenum (Mo)	6010	90	70-130	85	83	70-130	2.4	0-25
Nickel (Ni)	6010	86	70-130	116	112	70-130	3.5	0-25
Selenium (Se)	6010	88	79-102	85	85	42-120	0.0	0-16
Silver (Ag)	6010	59	77-107	90	89	53-115	1.1	0-19
Thallium (Tl)	6010	95	70-130	81	80	70-130	1.2	0-25
Vanadium (V)	6010	91	70-130	99	97	70-130	2.0	0-25
Zinc (Zn)	6010	86	70-130	82	79	70-130	3.7	0-25

*Mercury run on 06/08/98
**Sample matrix effect.

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PACE ANALYTICAL WO#: 13238A
Client ID#: 575-BG001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T5-4-5	T5-4-10	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/25/98	05/25/98	05/25/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	9.2	<5.0	<5.0	5.0	6010
Barium (Ba)	100	13	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	1.0	<0.5	<0.5	0.5	6010
Chromium (Cr)	24	28	<0.5	0.5	6010
Cobalt (Co)	3.8	4.1	<1.0	1.0	6010
Copper (Cu)	67	3.1	<2.5	2.5	6010
Lead (Pb)	410	4.5	<1.0	1.0	6010
Mercury (Hg)*	0.16	<0.10**	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	14	18	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	27	21	<0.5	0.5	6010
Zinc (Zn)	470	22	<10	10	6010
DF	1	1	1		

*Mercury analyzed on 06/08/98.
**Mercury analyzed at ATL, 5/27/98. PRL=0.10 mg/Kg.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980515-07
PACE ANALYTICAL WO#: 13238A
Client ID#: 575-SG001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/25/98		05/25/98	05/25/98			
Antimony (Sb)	6010	86	70-130	59**	54**	60-130	8.8	0-25
Arsenic (As)	6010	87	78-104	87	77	34-135	12	0-15
Barium (Ba)	6010	67	81-117	97	86	55-130	12	0-25
Beryllium (Be)	6010	90	70-130	91	80	70-130	13	0-25
Cadmium (Cd)	6010	82	75-104	85	77	73-115	9.9	0-15
Chromium (Cr)	6010	82	81-103	90	77	62-125	16	0-15
Cobalt (Co)	6010	89	70-130	84	79	70-130	6.1	0-25
Copper (Cu)	6010	91	70-130	92	79	70-140	15	0-25
Lead (Pb)	6010	82	76-104	81	76	48-120	6.4	0-30
Mercury (Hg)*	7471	95	76-121	138	102	70-135	30	0-30
Molybdenum (Mo)	6010	92	70-130	85	75	70-130	12	0-25
Nickel (Ni)	6010	87	70-130	89	84	70-130	5.8	0-25
Selenium (Se)	6010	87	79-102	88	78	42-120	12	0-16
Silver (Ag)	6010	58	77-107	99	85	53-115	16	0-19
Thallium (Tl)	6010	90	70-130	82	74	70-130	10	0-25
Vanadium (V)	6010	93	70-130	93	79	70-130	16	0-25
Zinc (Zn)	6010	84	70-130	83	77	70-130	7.5	0-25

*Mercury ran on 06/08/98
**Sample matrix effect.

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PACE ANALYTICAL Project#:980515-07
PACE ANALYTICAL WO#: 13238A
Client ID#: 575-8G001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	WT5-4	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	
Date Analyzed:	05/24/98	05/24/98		
Analyte				
Antimony (Sb)	<0.1	<0.1	0.1	6010
Arsenic (As)	0.22	<0.1	0.1	6010
Barium (Ba)	<0.2	<0.2	0.2	6010
Beryllium (Be)	<0.01	<0.01	0.01	6010
Cadmium (Cd)	<0.01	<0.01	0.01	6010
Chromium (Cr)	<0.01	<0.01	0.01	6010
Cobalt (Co)	<0.02	<0.02	0.02	6010
Copper (Cu)	<0.05	<0.05	0.05	6010
Lead (Pb)	<0.02	<0.02	0.02	6010
Mercury (Hg)*	<0.2	<0.2	0.2	7471
Molybdenum (Mo)	<0.05	<0.05	0.05	6010
Nickel (Ni)	0.01	<0.01	0.01	6010
Selenium (Se)	<0.05	<0.05	0.05	6010
Silver (Ag)	<0.01	<0.01	0.01	6010
Thallium (Tl)	<0.1	<0.1	0.1	6010
Vanadium (V)	<0.01	<0.01	0.01	6010
Zinc (Zn)	<0.2	<0.2	0.2	6010
DF	1	1		

*Mercury ran on 06/16/98.

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PACE ANALYTICAL Project#:980515-07
PACE ANALYTICAL WO#: 13238A
Client ID#: 575-6G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/24/98		05/24/98	05/24/98			
Analyte	EPA Method							
Antimony (Sb)	6010	96	70-130	101	100	70-130	1.0	0-25
Arsenic (As)	6010	104	70-130	106	105	79-118	0.9	0-9
Barium (Ba)	6010	98	70-130	99	98	76-114	1.0	0-9
Beryllium (Be)	6010	99	70-130	98	97	70-130	1.0	0-25
Cadmium (Cd)	6010	96	70-130	100	99	78-108	1.0	0-9
Chromium (Cr)	6010	97	70-130	99	98	75-108	1.0	0-9
Cobalt (Co)	6010	97	70-130	97	96	70-130	1.0	0-25
Copper (Cu)	6010	97	70-130	100	100	70-130	0.0	0-25
Lead (Pb)	6010	98	70-130	100	99	74-106	1.0	0-9
Mercury (Hg)	7471	113	70-130	76	76	80-122	0.0	0-10
Molybdenum (Mo)	6010	98	70-130	99	99	70-130	0.0	0-25
Nickel (Ni)	6010	97	70-130	97	96	70-130	1.0	0-25
Selenium (Se)	6010	100	70-130	107	107	77-120	0.0	0-10
Silver (Ag)	6010	99	70-130	96	95	69-110	1.0	0-8
Thallium (Tl)	6010	94	70-130	104	103	70-130	1.0	0-25
Vanadium (V)	6010	98	70-130	100	99	70-130	1.0	0-25
Zinc (Zn)	6010	96	70-130	98	97	70-130	1.0	0-25

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PACE ANALYTICAL Project#: 980515-07
PACE ANALYTICAL WO#: 13230A
Client ID#: 575-8G001

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX/MTBE BY EPA METHOD 8020

Client ID:	T7-2-S	T7-2-3	T7-2-5	T7-4-S	T7-4-3	T7-4-5	T6-2-S	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/19/98	05/19/98	05/19/98	05/19/98	05/19/98	05/19/98	05/19/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<10	<10	<10	<10	<10	<10	<10	10
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:	
a,a,a-Trifluorotoluene	94	96	94	88	94	93	93	59-134

Client ID:	T6-2-3	T6-2-5	T5-3-S	T5-3-3	T5-3-5	T5-3-10	Method Blank	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/19/98	05/19/98	05/19/98	05/19/98	05/19/98	05/19/98	05/19/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<10	<10	<10	<10	<10	<10	<10	10
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:	
a,a,a-Trifluorotoluene	94	92	92	94	91	89	95	59-134

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX/MTBE BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/19/98		05/19/98	05/19/98			
Analyte							
Benzene	91	74-116	89	87	72-115	2.3	0-26
Toluene	98	73-116	92	89	70-114	3.3	0-22
Ethylbenzene	95	75-118	94	90	68-119	4.3	0-24
Total Xylenes	98	78-120	94	91	74-117	3.2	0-22

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PACE ANALYTICAL Project#:980515-07
PACE ANALYTICAL WO#: 13238A
Client ID#: 575-8G001

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	WT8-4	Method Blank	
Units:	µg/L	µg/L	PRL µg/L
Analysis Date:	05/15/98	05/15/98	
Analyte			
Benzene	<0.3	<0.3	0.3
Toluene	<0.3	<0.3	0.3
Ethylbenzene	<0.6	<0.6	0.6
Total Xylenes	<0.6	<0.6	0.6
DF	1	1	
Surrogate Recovery %:			Acceptable Range:
a,a,a-Trifluorotoluene	99	99	62-131

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PACE ANALYTICAL Project# 980515-07
PACE ANALYTICAL WO#: 13238A
Client ID#: 575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/15/98		05/15/98	05/15/98			
Analyte							
Benzene	98	80-120	95	92	61-127	3.2	0-21
Toluene	103	80-120	100	95	61-116	5.1	0-16
Ethylbenzene	104	80-120	99	98	62-117	1.0	0-20
Total Xylenes	105	80-120	102	98	68-125	4.0	0-21

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PACE ANALYTICAL Project#:980515-07
PACE ANALYTICAL WO#: 13238A
Client ID#: 575-8G001

Analyst: RG

Preparation Analyst: RG
Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	05/25/98	<10	—	10	1
T9-1-S	05/25/98	<10	—	10	1
T9-1-3	05/25/98	<10	—	10	1
T9-1-5	05/25/98	<10	—	10	1
T9-3-S	05/26/98	270	C14-C40 Oil	10	1
T9-3-3	05/26/98	250	C16-C40 Oil	10	1
T9-3-5	05/26/98	<10	—	10	1
T7-2-S	05/26/98	<10	—	10	1
T7-2-3	05/26/98	<10	—	10	1
T7-2-5	05/26/98	<10	—	10	1
T7-3-S	05/26/98	<10	—	10	1
T7-3-3	05/26/98	100	C18-C30 Oil	10	1
T7-3-5	05/26/98	<10	—	10	1
T7-4-5	05/26/98	<10	—	10	1
T7-4-S	05/26/98	<10	—	10	1
T7-4-3	05/26/98	<10	—	10	1
T6-1-S	05/26/98	<10	—	10	1
T6-1-3	05/26/98	<10	—	10	1
T6-1-5	05/26/98	<10	—	10	1
T6-2-S	05/26/98	<10	—	10	1
T6-2-3	05/26/98	<10	—	10	1
T6-2-5	05/26/98	<10	—	10	1
T6-3-S	05/26/98	<10	—	10	1
T6-3-3	05/26/98	<10	—	10	1
T6-3-5	05/27/98	<10	—	10	1
T6-3-10	05/27/98	<10	—	10	1
T6-3-15	05/27/98	<10	—	10	1
T5-3-S	05/27/98	<10	—	10	1
T5-3-3	05/27/98	<10	—	10	1
T5-3-5	05/27/98	<10	—	10	1
T5-3-10	05/27/98	<10	—	10	1
T5-4-S	05/27/98	<10	—	10	1
T5-4-3	05/28/98	<10	—	10	1
T5-4-5	05/28/98	<10	—	10	1
T5-4-10	05/28/98	<10	—	10	1

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/25/98		05/25/98	05/25/98			
TPH-Speciation	104	80-120	98	95	70-130	7.7	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/26/98		05/26/98	05/26/98			
TPH-Speciation	93	80-120	93	97	70-130	4.2	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/27/98		05/27/98	05/27/98			
TPH-Speciation	100	80-120	99	99	70-130	0.0	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/28/98		05/28/98	05/28/98			
TPH-Speciation	106	80-120	108	97	70-130	11	0-30

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Pace Analytical

PACE ANALYTICAL Project#980515-07
PACE ANALYTICAL WO#: 13238A
Client ID#: 575-8C001

Analyst: RG
Preparation Analyst: RG

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/L	Carbon Range	PRL mg/L	DF
Client ID:	Analysis Date				
Method Blank	05/28/98	<0.5	--	0.5	1
WTS-4	05/28/98	<0.5	--	0.5	1

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Pace Analytical

QUALITY CONTROL/QUALITY ASSURANCE REPORT

Analyst: RG
Preparation Analyst: RG

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis date:	05/28/98		05/28/98	05/28/98			
TPH-Speciation	85	80-120	89	93	70-130	4.4	0-30

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

June 04, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021716
Client Project ID: 980515-07

Dear :

Enclosed are the results of analyses for sample(s) received on May 16, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879091
Client Sample ID: T7-2-3
Date Collected: 05/14/98
Date Received: 05/16/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/29/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/29/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/29/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/29/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/29/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/29/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/29/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/29/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/29/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/29/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/29/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/29/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/29/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/29/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/29/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/29/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/29/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/29/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	16.14	05/29/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/29/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/29/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/29/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/29/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/29/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/29/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/29/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/29/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/29/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/29/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/29/98	DM	120-12-7		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879091 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-2-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/29/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/29/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/29/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/29/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/29/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/29/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/29/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/29/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/29/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/29/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/29/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/29/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/29/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/29/98	DM	84-74-2		U
Di n-octylphthalate	ND	ug/kg	660	15.78	05/29/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/29/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/29/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/29/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/29/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/29/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/29/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/29/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/29/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/29/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/29/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/29/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/29/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/29/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/29/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/29/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/29/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/29/98	DM	87-86-5		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879091 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-2-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/29/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/29/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/29/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	95	%			05/29/98	DM	118-79-6		
2-Fluorobiphenyl (S)	86	%			05/29/98	DM	321-60-8		
2-Fluorophenol (S)	93	%			05/29/98	DM	367-12-4		
Nitrobenzene-d5 (S)	86	%			05/29/98	DM	4165-60-0		
Phenol-d6 (S)	90	%			05/29/98	DM	13127-88-3		
Terphenyl-d14 (S)	107	%			05/29/98	DM	1718-51-0		
Date Extracted	05/22/98					DM			

Total EPA 8270 ND

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879109 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-4-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270				Prep Method: EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/01/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/01/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/01/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/01/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/01/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/01/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/01/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/01/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/01/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/01/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/01/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/01/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/01/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/01/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/01/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/01/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/01/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/01/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/01/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/01/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	06/01/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/01/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/01/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/01/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/01/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/01/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/01/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/01/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/01/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.351	06/01/98	WAW	120-12-7		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879109 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-4-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/01/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/01/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/01/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/01/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/01/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/01/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/01/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/01/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/01/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/01/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/01/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/01/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/01/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/01/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/01/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/01/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/01/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.710	06/01/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	16.323	06/01/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/01/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/01/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/01/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/01/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/01/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.851	06/01/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/01/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/01/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/01/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/01/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/01/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/01/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/01/98	WAW	87-86-5		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879109 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-4-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/01/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/01/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/01/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	89	%			06/01/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	91	%			06/01/98	WAW	321-60-8		
2-Fluorophenol (S)	89	%			06/01/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	76	%			06/01/98	WAW	4165-60-0		
Phenol-d6 (S)	79	%			06/01/98	WAW	13127-88-3		
Terphenyl-d14 (S)	62	%			06/01/98	WAW	1718-51-0		
Date Extracted	05/22/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.. 601979117 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-4-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method. EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/02/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/02/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/02/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/02/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/02/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/02/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/02/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/02/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/02/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/02/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/02/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/02/98	WAW	91-58-7		U
2 Chlorophenol	ND	ug/kg	660	17.472	06/02/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/02/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/02/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/02/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/02/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/02/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/02/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.962	06/02/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	06/02/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/02/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/02/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/02/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/02/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/02/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/02/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/02/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/02/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/02/98	WAW	120-12-7		U

Pace Project Number: 6021716
Client Project ID: 900515-07

Pace Sample No.: 601879117 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-4-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/02/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/02/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/02/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/02/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/02/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/02/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/02/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/02/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/02/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/02/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/02/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/02/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/02/98	WAW	218-01-9		U
Di-n-butylphthalate	860	ug/kg	660	31.442	06/02/98	WAW	84-74-2		
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/02/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/02/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/02/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/02/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/02/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/02/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/02/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/02/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/02/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/02/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/02/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/02/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/02/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	19.646	06/02/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2039	06/02/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/02/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/02/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/02/98	WAW	87-86-5		U

Pace Project Number: 6021715
Client Project ID: 980515-07

Pace Sample No.: 601879117 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-4-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/02/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/02/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/02/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	84	%			06/02/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	81	%			06/02/98	WAW	321-60-8		
2-Fluorophenol (S)	89	%			06/02/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	77	%			06/02/98	WAW	4165-60-0		
Phenol-d6 (S)	74	%			06/02/98	WAW	13127-88-3		
Terphenyl-d14 (S)	82	%			06/02/98	WAW	1718-51-0		
Date Extracted	05/22/98					WAW			

Total EPA 8270 660

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879133 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-2-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/01/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/01/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.005	06/01/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/01/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/01/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/01/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/01/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/01/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/01/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/01/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/01/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/01/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/01/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/01/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/01/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/01/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/01/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/01/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/01/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/01/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	06/01/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/01/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/01/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/01/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/01/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/01/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/01/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/01/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/01/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/01/98	DM	120-12-7		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879133 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-2-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/01/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.875	06/01/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/01/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/01/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/01/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/01/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/01/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/01/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/01/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/01/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/01/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/01/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/01/98	DM	218-01-9		U
Di-n-butylphthalate	1300	ug/kg	660	31.442	06/01/98	DM	84-74-2		
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/01/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/01/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/01/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/01/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/01/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/01/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/01/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/01/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/01/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/01/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/01/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/01/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/01/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/01/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/01/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/01/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/01/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/01/98	DM	87-86-5		U

Pace Project Number: 6021710
Client Project ID: 980515-07

Pace Sample No.: 601679133 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-2-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/01/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/01/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/01/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	98	%			06/01/98	DM	118-79-6		
2-Fluorobiphenyl (S)	84	%			06/01/98	DM	321-60-8		
2-Fluorophenol (S)	95	%			06/01/98	DM	367-12-4		
Nitrobenzene-d5 (S)	76	%			06/01/98	DM	4165-60-0		
Phenol-d6 (S)	86	%			06/01/98	DM	13127-88-3		
Terphenyl-d14 (S)	96	%			06/01/98	DM	1718-51-0		
Date Extracted	05/22/98					DM			

Total EPA 8270 **1300**

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879141 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-2-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/29/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/29/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/29/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/29/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/29/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/29/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	49.18	05/29/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/29/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/29/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/29/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/29/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/29/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/29/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/29/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/29/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/29/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/29/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/29/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/29/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/29/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/29/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/29/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/29/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/29/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/29/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/29/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/29/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/29/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.74	05/29/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/29/98	DM	120-12-7		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879141 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-2-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/29/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/29/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/29/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/29/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/29/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/29/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/29/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/29/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/29/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/29/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/29/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/29/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/29/98	DM	218-01-9		U
Di-n-butylphthalate	1200	ug/kg	660	31.6	05/29/98	DM	84-74-2		
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/29/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/29/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/29/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/29/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/29/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/29/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/29/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/29/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.02	05/29/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/29/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/29/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/29/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/29/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	19.74	05/29/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/29/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/29/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/29/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/29/98	DM	87-86-5		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879141 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-2-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.66	05/29/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/29/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/29/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	154	%			05/29/98	DM	118-79-6		
2-Fluorobiphenyl (S)	104	%			05/29/98	DM	321-60-8		
2-Fluorophenol (S)	117	%			05/29/98	DM	367-12-4		
Nitrobenzene-d5 (S)	105	%			05/29/98	DM	4165-60-0		
Phenol-d6 (S)	109	%			05/29/98	DM	13127-88-3		
Terphenyl-d14 (S)	136	%			05/29/98	DM	1718-51-0		
Date Extracted	05/22/98					DM			
Total EPA 8270	1200								

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879159 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	66		05/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	66		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	66		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	66		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	66		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	66		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	66		05/28/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	93	%			05/28/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	93	%			05/28/98	AFT	877-09-8		
Date Extracted	05/26/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879166 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	66		05/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	66		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	66		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	66		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	66		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	66		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	66		05/28/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	94	%			05/28/98	AFT	2051-24 3		
Tetrachloro-meta-xylene (S)	91	%			05/28/98	AFT	877-09-8		
Date Extracted	05/26/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879216 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	66		05/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	66		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	66		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	66		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	66		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	66		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	66		05/28/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	91	%			05/28/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	93	%			05/28/98	AFT	877-09-8		
Date Extracted	05/26/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879224 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-10 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	66		06/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	66		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	66		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	66		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	66		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	66		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	66		05/28/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	92	%			05/28/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	88	%			05/28/98	AFT	877-09-8		
Date Extracted	05/26/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879281 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-3-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/01/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/01/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/01/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/01/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/01/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/01/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/01/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/01/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/01/98	DM	51-28-5		U
2,4 Dinitrotoluene	ND	ug/kg	660	11.183	06/01/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/01/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/01/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/01/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/01/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/01/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/01/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/01/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/01/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/01/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/01/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.169	06/01/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/01/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/01/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/01/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/01/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/01/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/01/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/01/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/01/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/01/98	DM	120-12-7		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879281 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-3-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/01/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/01/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/01/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/01/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/01/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/01/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/01/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/01/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/01/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/01/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/01/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/01/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/01/98	DM	218-01-9		U
Di-n-butylphthalate	10000	ug/kg	660	31.442	06/01/98	DM	84-74-2		
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/01/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/01/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/01/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/01/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/01/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/01/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/01/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/01/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/01/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/01/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/01/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/01/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/01/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/01/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/01/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/01/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/01/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/01/98	DM	87-86-5		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879281 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-3-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/01/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	16.526	06/01/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/01/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	0	%			06/01/98	DM	118-79-6	1	
2-Fluorobiphenyl (S)	90	%			06/01/98	DM	321-60-8		
2-Fluorophenol (S)	63	%			06/01/98	DM	367-12-4		
Nitrobenzene-d5 (S)	34	%			06/01/98	DM	4165-60-0		
Phenol-d6 (S)	38	%			06/01/98	DM	13127-88-3		
Terphenyl-d14 (S)	90	%			06/01/98	DM	1718-51-0		
Date Extracted	05/22/98					DM			
Total EPA 8270	10000								

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879299 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-3-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/01/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/01/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/01/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	06/01/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/01/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/01/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	06/01/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/01/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/01/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/01/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/01/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/01/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/01/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/01/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/01/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/01/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/01/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/01/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/01/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/01/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/01/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/01/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/01/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/01/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/01/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/01/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/01/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/01/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/01/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/01/98	DM	120-12-7		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879209 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: TS-3-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/01/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/01/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/01/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/01/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/01/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/01/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/01/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/01/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/01/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/01/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/01/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/01/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	06/01/98	DM	218-01-9		U
Di-n-butylphthalate	1200	ug/kg	660	31.6	06/01/98	DM	84-74-2		
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/01/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/01/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	06/01/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/01/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/01/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/01/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/01/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/01/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/01/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	06/01/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/01/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/01/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/01/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/01/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/01/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	06/01/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/01/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/01/98	DM	87-86-5		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879299 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-3-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.66	06/01/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.62	06/01/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/01/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	93	%			06/01/98	DM	118-79-6		
2-Fluorobiphenyl (S)	92	%			06/01/98	DM	321-60-8		
2-Fluorophenol (S)	105	%			06/01/98	DM	367-12-4		
Nitrobenzene-d5 (S)	82	%			06/01/98	DM	4165-60-0		
Phenol-d6 (S)	84	%			06/01/98	DM	13127-88-3		
Terphenyl-d14 (S)	94	%			06/01/98	DM	1718-51-0		
Date Extracted	05/22/98					DM			

Total EPA 8270 1200

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879307 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: TS-3-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/02/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/02/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/02/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	06/02/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/02/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/02/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	06/02/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/02/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/02/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/02/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/02/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/02/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/02/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/02/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/02/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/02/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/02/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/02/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/02/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/02/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/02/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/02/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/02/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/02/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/02/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/02/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/02/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/02/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/02/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/02/98	WAW	120-12-7		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 501879307 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-3-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/02/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/02/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/02/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/02/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/02/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/02/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/02/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/02/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/02/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/02/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/02/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/02/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	06/02/98	WAW	218-01-9		U
Di-n-butylphthalate	1800	ug/kg	660	31.6	06/02/98	WAW	84-74-2		
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/02/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/02/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	06/02/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/02/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/02/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/02/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/02/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/02/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/02/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	06/02/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/02/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/02/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/02/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/02/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/02/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	06/02/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/02/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/02/98	WAW	87-86-5		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879307 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: TS-3-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	06/02/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	06/02/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/02/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	88	%			06/02/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	91	%			06/02/98	WAW	321-60-8		
2-Fluorophenol (S)	107	%			06/02/98	WAW	367-12-4		
Nitrobenzene d5 (S)	93	%			06/02/98	WAW	4165-60-0		
Phenol-d6 (S)	87	%			06/02/98	WAW	13127-88-3		
Terphenyl-d14 (S)	100	%			06/02/98	WAW	1718-51-0		
Date Extracted	05/22/98					WAW			
Total EPA 8270	1800								

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601880016 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-2-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/02/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/02/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/02/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	30.86	06/02/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/02/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/02/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	06/02/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/02/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/02/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/02/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/02/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/02/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/02/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/02/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/02/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/02/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/02/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/02/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	16.14	06/02/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/02/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/02/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/02/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/02/98	WAW	106-47-8		U
4-Chlorophenyl phenylether	ND	ug/kg	660	15.68	06/02/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/02/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/02/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.08	06/02/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/02/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/02/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/02/98	WAW	120-12-7		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601880016 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-Z-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/02/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/02/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/02/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/02/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/02/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/02/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/02/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/02/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/02/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/02/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/02/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/02/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	06/02/98	WAW	218-01-9		U
Di-n-butylphthalate	660	ug/kg	660	31.6	06/02/98	WAW	84-74-2		
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/02/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/02/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	06/02/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/02/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/02/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/02/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/02/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/02/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/02/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	06/02/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/02/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/02/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/02/98	WAW	78-59-1		U
N Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/02/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/02/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	19.9	06/02/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/02/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/02/98	WAW	87-86-5		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601880016 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-2-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.66	06/02/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	06/02/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/02/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	106	%			06/02/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	94	%			06/02/98	WAW	321-60-8		
2-Fluorophenol (S)	104	%			06/02/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	89	%			06/02/98	WAW	4165-60-0		
Phenol-d6 (S)	84	%			06/02/98	WAW	13127-88-3		
Terphenyl-d14 (S)	99	%			06/02/98	WAW	1718-51-0		
Date Extracted	05/22/98					WAW			
Total EPA 8270	880								

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601889405 Date Collected: 05/14/98 Matrix: Water
Client Sample ID: WTS-4 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/L	10	1.64	06/01/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/L	10	1.26	06/01/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/L	10	1.33	06/01/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/L	10	1.35	06/01/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/L	50	1.9	06/01/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/L	10	1.49	06/01/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/L	10	1.91	06/01/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/L	10	2.78	06/01/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/L	50	1.02	06/01/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/L	10	1.9	06/01/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/L	10	2.42	06/01/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/L	10	1.63	06/01/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/L	10	1.39	06/01/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/L	10	1.3	06/01/98	DM	91-57-6		U
2-Methylphenol	ND	ug/L	10	1.3	06/01/98	DM	95-48-7		U
2 Nitroaniline	ND	ug/L	50	2.24	06/01/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/L	10	1.48	06/01/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/L	20	5.97	06/01/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/L	50	2.09	06/01/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/L	50	3.74	06/01/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/L	10	2.1	06/01/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/L	20	1.66	06/01/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/L	20	2.39	06/01/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/L	10	2.13	06/01/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/L	10	1.48	06/01/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/L	50	1.43	06/01/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/L	50	3.41	06/01/98	DM	100-02-7		U
Acenaphthene	ND	ug/L	10	1.9	06/01/98	DM	83-32-9		U
Acenaphthylene	ND	ug/L	10	1.68	06/01/98	DM	208-96-8		U
Anthracene	ND	ug/L	10	1.7	06/01/98	DM	120-12-7		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601989405 Date Collected: 05/14/98 Matrix: Water
Client Sample ID: WT5-4 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/L	10	0.91	06/01/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/L	10	0.6	06/01/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/L	10	0.87	06/01/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/L	10	0.58	06/01/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/L	10	1.17	06/01/98	DM	207-08-9		U
Benzoic Acid	ND	ug/L	50	0.96	06/01/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/L	20	4.72	06/01/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/L	10	1.49	06/01/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/L	10	2.07	06/01/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/L	10	1.31	06/01/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/L	10	8.94	06/01/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/L	10	0.79	06/01/98	DM	85-68-7		U
Chrysene	ND	ug/L	10	0.62	06/01/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/L	10	1.44	06/01/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/L	10	0.76	06/01/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/L	10	0.7	06/01/98	DM	53-70-3		U
Dibenzofuran	ND	ug/L	10	2.39	06/01/98	DM	132-64-9		U
Diethylphthalate	ND	ug/L	10	2.22	06/01/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/L	10	2.29	06/01/98	DM	131-11-3		U
Fluoranthene	ND	ug/L	10	0.98	06/01/98	DM	206-44-0		U
Fluorene	ND	ug/L	10	2.24	06/01/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/L	10	1.92	06/01/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/L	10	3.04	06/01/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/L	10	0.72	06/01/98	DM	77-47-4		U
Hexachloroethane	ND	ug/L	10	1.6	06/01/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	0.64	06/01/98	DM	193-39-5		U
Isophorone	ND	ug/L	10	1.32	06/01/98	DM	78-59-1		U
N Nitroso-di-n-propylamine	ND	ug/L	10	5.02	06/01/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/L	10	2.57	06/01/98	DM	86-30-6		U
Naphthalene	ND	ug/L	10	1.35	06/01/98	DM	91-20-3		U
Nitrobenzene	ND	ug/L	10	1.34	06/01/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/L	50	2.71	06/01/98	DM	87-86-5		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601889405 Date Collected: 05/14/98 Matrix: Water
Client Sample ID: WT5-4 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/L	10	2.26	06/01/98	DM	85-01-8		U
Phenol	ND	ug/L	10	1.18	06/01/98	DM	108-95-2		U
Pyrene	ND	ug/L	10	0.85	06/01/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	142	%			06/01/98	DM	118-79-6		
2-Fluorobiphenyl (S)	130	%			06/01/98	DM	321-60-8		
2-Fluorophenol (S)	136	%			06/01/98	DM	367-12-4		
Nitrobenzene-d5 (S)	131	%			06/01/98	DM	4165-60-0		
Phenol-d6 (S)	127	%			06/01/98	DM	13127-88-3		
Terphenyl-d14 (S)	125	%			06/01/98	DM	1718-51-0		
Date Extracted	05/22/98					DM			
Total EPA 8270	ND								

Pace Project Number: 6021716
Client Project ID: 980515-07

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected
(1)	No surrogate recovery due to matrix. Refer to LCS to demonstrate that the system was in control.
(2)	The sample contains matrix interference requiring sample dilution. The method detection limits are adjusted for the dilution and the surro

Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

June 1, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107434
Client Project ID: 980515-07

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
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Minneapolis, MN 55414
Tel: 612-607-6400
Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640704 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-1-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/22/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/22/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/22/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/22/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/22/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/22/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/22/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/22/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	trace	ug/kg	5	*	05/22/98	SAC	95-63-6	1	J
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/22/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/22/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/22/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/22/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/22/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/22/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/22/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/22/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Client Project ID: 980515-07

Pace Sample No.: 10640704 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-1-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/22/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/22/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/22/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/22/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/22/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/22/98	SAC	108-10-1		U
Acetone	29	ug/kg	20	*	05/22/98	SAC	67-64-1		
Benzene	ND	ug/kg	5	*	05/22/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/22/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/22/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/22/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/22/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/22/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/22/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/22/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/22/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/22/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/22/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/22/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/22/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/22/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/22/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/22/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640704 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-1-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/22/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/22/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/22/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/22/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/22/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/22/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/22/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/22/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/22/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/22/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/22/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/22/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/22/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/22/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/22/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/22/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/22/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/22/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/22/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/22/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/22/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/22/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/22/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/22/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640704 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-1-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/22/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/22/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	110	%		*	05/22/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	100	%		*	05/22/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/22/98	SAC	1868-53-7		
Toluene-d8 (S)	100	%		*	05/22/98	SAC	2037-26-5		
Total EPA 8260	29								

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640712 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-1-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/26/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/26/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640712 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-1-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/26/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/26/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/26/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/26/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/26/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/26/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/26/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/26/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/26/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/26/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/26/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640712 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-1-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/26/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/26/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/26/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/26/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/26/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/26/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/26/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/26/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/26/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/26/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/26/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/26/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/26/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/26/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/26/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/26/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640712 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-1-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/26/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/26/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	98	%		*	05/26/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/26/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/26/98	SAC	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640720 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-3-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/22/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/22/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/22/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/22/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/22/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/22/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/22/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/22/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	8.2	ug/kg	5	*	05/22/98	SAC	95-63-6		
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/22/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/22/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/22/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/22/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/22/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/22/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/22/98	SAC	594-20-7		U
2-Butanone	trace	ug/kg	10	*	05/22/98	SAC	78-93-3	1	J

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

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Tel: 612-617-6400
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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640720
Client Sample ID: T9-3-SURR
Date Collected: 05/14/98
Date Received: 05/16/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/22/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/22/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/22/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/22/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/22/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/22/98	SAC	108-10-1		U
Acetone	45	ug/kg	20	*	05/22/98	SAC	67-64-1		
Benzene	ND	ug/kg	5	*	05/22/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/22/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/22/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/22/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/22/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/22/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/22/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/22/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/22/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/22/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/22/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/22/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/22/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/22/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/22/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/22/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

ce Sample No.: 10640720
ient Sample ID: T9-3-SURR

Date Collected: 05/14/98
Date Received: 05/16/98
Matrix: Soil

rameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500		05/22/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5		05/22/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5		05/22/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5		05/22/98	SAC	87-68-3		U
sopropyl Ether	ND	ug/kg	5		05/22/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5		05/22/98	SAC	98-82-8		U
)&P-Xylene	ND	ug/kg	5		05/22/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/22/98	SAC	1634-04-4		U
ethylene Chloride	ND	ug/kg	5		05/22/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5		05/22/98	SAC	104-51-8		U
Propylbenzene	ND	ug/kg	5		05/22/98	SAC	103-65-1		U
phthalene	ND	ug/kg	5		05/22/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5		05/22/98	SAC	95-47-6		U
opropyltoluene	ND	ug/kg	5		05/22/98	SAC	99-87-6		U
ec-Butylbenzene	ND	ug/kg	5		05/22/98	SAC	135-98-8		U
ene	ND	ug/kg	5		05/22/98	SAC	100-42-5		U
ert-Amylmethyl ether	ND	ug/kg	5		05/22/98	SAC	994-05-8		U
Butylbenzene	ND	ug/kg	5		05/22/98	SAC	98-06-6		U
etrachloroethene	ND	ug/kg	5		05/22/98	SAC	127-18-4		U
ne	ND	ug/kg	5		05/22/98	SAC	108-88-3		U
-1,2-Dichloroethene	ND	ug/kg	5		05/22/98	SAC	156-60-5		U
1,3-Dichloropropane	ND	ug/kg	5		05/22/98	SAC	10061-02-		U
proethene	ND	ug/kg	5		05/22/98	SAC	79-01-6		U
Chlorofluoromethane	ND	ug/kg	5		05/22/98	SAC	75-69-4		U

ndicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors
16 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640720 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-3-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/22/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/22/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/22/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/22/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/22/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/22/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/22/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/22/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/22/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/22/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/22/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/22/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/22/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/22/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/22/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/22/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/22/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/22/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/22/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/22/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/22/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/22/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/22/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/22/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640720 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-3-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/22/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/22/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/22/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	100	%		*	05/22/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/22/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/22/98	SAC	2037-26-5		
Total EPA 8260	53.2								

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640738 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-3-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/22/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/22/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/22/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/22/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/22/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/22/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/22/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/22/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/22/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/22/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/22/98	TAW	95-63-6		U
1,2-Dibromo-3-chloropropane	ND	ug/kg	5	*	05/22/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/22/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	TAW	95-50-1		U
1,2-Dichloroethane	trace	ug/kg	5	*	05/22/98	TAW	107-06-2	1	J
1,2-Dichloropropane	ND	ug/kg	5	*	05/22/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/22/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/22/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/22/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/22/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640738 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-3-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/22/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/22/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/22/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/22/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/22/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/22/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	05/22/98	TAW	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/22/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/22/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/22/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/22/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/22/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/22/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/22/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/22/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/22/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/22/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/22/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/22/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/22/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/22/98	TAW	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/22/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/22/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/22/98	TAW	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640738 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-3-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/22/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/22/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/22/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/22/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/22/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/22/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/22/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/22/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/22/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/22/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/22/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/22/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/22/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/22/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/22/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	05/22/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/22/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/22/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/22/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	05/22/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/22/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/22/98	TAW	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/22/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/22/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640738
Client Sample ID: T9-3-3

Date Collected: 05/14/98
Date Received: 05/16/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/22/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/22/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	116	%		*	05/22/98	TAW	17060-07-		
4-Bromofluorobenzene (S)	98	%		*	05/22/98	TAW	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/22/98	TAW	1868-53-7		
Toluene-d8 (S)	102	%		*	05/22/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640746
Client Sample ID: T7-3-SURR

Date Collected: 05/14/98
Date Received: 05/16/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/26/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/26/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640746 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-3-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/26/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/26/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/26/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/26/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/26/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/26/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/26/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/26/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/26/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/26/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/26/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640746
Client Sample ID: T7-3-SURR

Date Collected: 05/14/98
Date Received: 05/16/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/26/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/26/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/26/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/26/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/26/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/26/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/26/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/26/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/26/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/26/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/26/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/26/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/26/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/26/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/26/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/26/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640746
Client Sample ID: T7-3-SURR

Date Collected: 05/14/98
Date Received: 05/16/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/26/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/26/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	100	%		*	05/26/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/26/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/26/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640753 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-3-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/26/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/26/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640753 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-3-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/26/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/26/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/26/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/26/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/26/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/26/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/26/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/26/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/26/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/26/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/26/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640753 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-3-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/26/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/26/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/26/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/26/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/26/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/26/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/26/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/26/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/26/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/26/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/26/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/26/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/26/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/26/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/26/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/26/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640753 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-3-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/26/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/26/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	102	%		*	05/26/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/26/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/26/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640761 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-1-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/26/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/26/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640761 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: TB-1-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/26/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/26/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/26/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/26/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/26/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/26/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/26/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/26/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/26/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/26/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/26/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	124-48-1,		U
Dibromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640761 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-1-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/26/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/26/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/26/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/26/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/26/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/26/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/26/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/26/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/26/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/26/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/26/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/26/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/26/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/26/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/26/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/26/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640761 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-1-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/26/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	122	%		*	05/26/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	100	%		*	05/26/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/26/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/26/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640779 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-1-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/26/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/26/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640779 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-1-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/26/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/26/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/26/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/26/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/26/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/26/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/26/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/26/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/26/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/26/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/26/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640779 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-1-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/26/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/26/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/26/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/26/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/26/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/26/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/26/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/26/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/26/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/26/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/26/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/26/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/26/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/26/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/26/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/26/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640779 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-1-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/26/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/26/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	100	%		*	05/26/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/26/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/26/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640787 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/26/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/26/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640787 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: TG-3-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/26/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/26/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/26/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/26/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/26/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/26/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/26/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/26/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/26/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/26/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/26/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640787 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/26/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/26/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/26/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/26/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/26/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/26/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/26/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/26/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/26/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/26/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/26/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/26/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/26/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/26/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/26/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/26/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640787 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/26/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/26/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	100	%		*	05/26/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/26/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/26/98	SAC	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640795 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640795 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/27/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640795 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640795 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/27/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	100	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	102	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640803 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/26/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/26/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640803 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/26/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/26/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/26/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/26/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/26/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/26/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/26/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/26/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/26/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/26/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/26/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640803 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/26/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/26/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/26/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/26/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/26/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/26/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/26/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/26/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/26/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/26/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/26/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/26/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/26/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/26/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/26/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/26/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640803 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/26/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/26/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	104	%		*	05/26/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/26/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/26/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640811 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-10 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640811 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-10 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/27/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640811 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-10 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	trace	ug/kg	5	*	05/27/98	SAC	75-09-2	1	J
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640811 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-10 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/27/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	98	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640829 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-4-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640829 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-4-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/27/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	trace	ug/kg	10	*	05/27/98	SAC	75-15-0	1	J
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640829 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-4-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	trace	ug/kg	5	*	05/27/98	SAC	75-09-2	1	J
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640829 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-4-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/27/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	98	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640837 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-4-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640837 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-4-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/27/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640837 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: TS-4-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	trace	ug/kg	5	*	05/27/98	SAC	75-09-2	1	J
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640837 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-4-3 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/27/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	100	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	80	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640845 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-4-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640845 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-4-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/27/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640845 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-4-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	trace	ug/kg	5	*	05/27/98	SAC	75-09-2	1	J
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107434
Client Project ID: 980515-07

Pace Sample No.: 10640845 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: TS-4-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	122	%		*	05/27/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	100	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	106	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107434
Client Project ID: 980515-07

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected
(1)	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
(2)	Common laboratory contaminant.

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June 1, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107433
Client Project ID: 980515-07

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

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Pace Analytical

Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640647 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-1-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/19/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/19/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/19/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/19/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/19/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/19/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/19/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/19/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/19/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	594-20-7		U
2-Butanone	56	ug/kg	10	*	05/19/98	SAC	78-93-3		

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 06/02/98
PAGE: 3

Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640647 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-1-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/19/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/19/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/19/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/19/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/19/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/19/98	SAC	108-10-1		U
Acetone	240	ug/kg	100	*	05/19/98	SAC	67-64-1		
Benzene	ND	ug/kg	5	*	05/19/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/19/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/19/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/19/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/19/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/19/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/19/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/19/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/19/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/19/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/19/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/19/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/19/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/19/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640647 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-1-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/19/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/19/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/19/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/19/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/19/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/19/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/19/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/19/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/19/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/19/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/19/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/19/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/19/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/19/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/19/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/19/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/19/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/19/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640647 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-1-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/19/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/19/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	136	%		*	05/19/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	110	%		*	05/19/98	SAC	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/19/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/19/98	SAC	2037-26-5		
Total EPA 8260	296								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640654 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-3-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/19/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/19/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/19/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/19/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/19/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/19/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/19/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/19/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/19/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/19/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640654 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-3-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/19/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/19/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/19/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/19/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/19/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/19/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/19/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/19/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/19/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/19/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/19/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/19/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/19/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/19/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/19/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/19/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/19/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/19/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/19/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/19/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/19/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640654 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-3-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/19/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/19/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/19/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/19/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/19/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/19/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/19/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/19/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/19/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/19/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/19/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/19/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/19/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/19/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/19/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/19/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/19/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/19/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640654 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T9-3-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/19/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/19/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	136	%		*	05/19/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	112	%		*	05/19/98	SAC	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/19/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/19/98	SAC	2037-26-5		
Total EPA 8260	ND								

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Pace Analytical

Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640662 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-3-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/19/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/19/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/19/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/19/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/19/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/19/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/19/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/19/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/19/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/19/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640662 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-3-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/19/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/19/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/19/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/19/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/19/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/19/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/19/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/19/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/19/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/19/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/19/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/19/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/19/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/19/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/19/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/19/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/19/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/19/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/19/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/19/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/19/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640662 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-3-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/19/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/19/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/19/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/19/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/19/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/19/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/19/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/19/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/19/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/19/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/19/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/19/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/19/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/19/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/19/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/19/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/19/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/19/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640662 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-3-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/19/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/19/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	136	%		*	05/19/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	112	%		*	05/19/98	SAC	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/19/98	SAC	1868-53-7		
Toluene-d8 (S)	100	%		*	05/19/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640670 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-1-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/19/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/19/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/19/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/19/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/19/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/19/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/19/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/19/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/19/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/19/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640670 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-1-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/19/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/19/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/19/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/19/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/19/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/19/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/19/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/19/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/19/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/19/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/19/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/19/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/19/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/19/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/19/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/19/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/19/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/19/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/19/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/19/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/19/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640670 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-1-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/19/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/19/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/19/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/19/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/19/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/19/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/19/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/19/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/19/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/19/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/19/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/19/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/19/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/19/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/19/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/19/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/19/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/19/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640670 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-1-5 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/19/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/19/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	136	%		*	05/19/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	112	%		*	05/19/98	SAC	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/19/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/19/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640688 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-15 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/19/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/19/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/19/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/19/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/19/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/19/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/19/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/19/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/19/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/19/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640688 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-15 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/19/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/19/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/19/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/19/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/19/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/19/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/19/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/19/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/19/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/19/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/19/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/19/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/19/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/19/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/19/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/19/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/19/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/19/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/19/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/19/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/19/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640688 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-15 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/19/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/19/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/19/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/19/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/19/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/19/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/19/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/19/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/19/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/19/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/19/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/19/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/19/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/19/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/19/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/19/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/19/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/19/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640688 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-15 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/19/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/19/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	05/19/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	110	%		*	05/19/98	SAC	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/19/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/19/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640696 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-4-10 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/19/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/19/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/19/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/19/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/19/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/19/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/19/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/19/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/19/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/19/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/19/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107453
Client Project ID: 980515-07

Pace Sample No.: 10640696 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-4-10 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/19/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/19/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/19/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/19/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/19/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/19/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/19/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/19/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/19/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/19/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/19/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/19/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/19/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/19/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/19/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/19/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/19/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/19/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/19/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/19/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/19/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/19/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640696 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: TS-4-10 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/19/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/19/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/19/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/19/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/19/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/19/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/19/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/19/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/19/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/19/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/19/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/19/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/19/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/19/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/19/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/19/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/19/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/19/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/19/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/19/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/19/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/19/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107433
Client Project ID: 980515-07

Pace Sample No.: 10640696 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-4-10 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/19/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/19/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	136	%		*	05/19/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	112	%		*	05/19/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/19/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/19/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Minneapolis, MN 55414
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Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107433
Client Project ID: 980515-07

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

May 29, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021712
Client Project ID: 980515-07

Dear :

Enclosed are the results of analyses for sample(s) received on May 15, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021712
Client Project ID: 980515-07

Pace Sample No: 601878795 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-4-5 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/20/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/20/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/20/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/20/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/20/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/20/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/20/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/20/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/20/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/20/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/20/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/20/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/20/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/20/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/20/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/20/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/20/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/20/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/20/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/20/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/20/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/20/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/20/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/20/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/20/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/20/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/20/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/20/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/20/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/20/98	WAW	120-12-7		U

Pace Project Number: 6021712
Client Project ID: 980515-07

Pace Sample No.: 601878796 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-4-5 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/20/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/20/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/20/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.482	05/20/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/20/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/20/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/20/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/20/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/20/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/20/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/20/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/20/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/20/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/20/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/20/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/20/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/20/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/20/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/20/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/20/98	WAW	206-44-0		
Fluorene	ND	ug/kg	660	15.183	05/20/98	WAW	86-73-7		
Hexachlorobenzene	ND	ug/kg	660	17.989	05/20/98	WAW	118-74-1		
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/20/98	WAW	87-68-3		
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/20/98	WAW	77-47-4		
Hexachloroethane	ND	ug/kg	660	29.951	05/20/98	WAW	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/20/98	WAW	193-3		
Isophorone	ND	ug/kg	660	50.187	05/20/98	WAW	78-		
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/20/98	WAW	F		
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/20/98	WAW			
Naphthalene	ND	ug/kg	660	18.805	05/20/98	WAW			
Nitrobenzene	ND	ug/kg	660	35.024	05/20/98	WAW			
Pentachlorophenol	ND	ug/kg	3200	17.671	05/20/98	WA			

Pace Project Number: 6021712
Client Project ID: 980515-07

Pace Sample No.: 6018788796 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-4-5 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/20/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/20/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/20/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	85	%			05/20/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	80	%			05/20/98	WAW	321-60-8		
2-Fluorophenol (S)	70	%			05/20/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	72	%			05/20/98	WAW	4165-60-0		
Phenol-d6 (S)	67	%			05/20/98	WAW	13127-88-3		
Terphenyl-d14 (S)	82	%			05/20/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021712
Client Project ID: 980515-07

Pace Sample No.: 601878804 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-2-5 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/21/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/21/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/21/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/21/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/21/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/21/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/21/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/21/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.730	05/21/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/21/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/21/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/21/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/21/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/21/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/21/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/21/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/21/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/21/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/21/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/21/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/21/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/21/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/21/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/21/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/21/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/21/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/21/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/21/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/21/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/21/98	WAW	120-12-7		U

Pace Project Number: 6021712
Client Project ID: 980515-07

Pace Sample No.: 601878804 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-2-5 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/21/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/21/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/21/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/21/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/21/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/21/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/21/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/21/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/21/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/21/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/21/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/21/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/21/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/21/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/21/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/21/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.746	05/21/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/21/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/21/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/21/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	16.183	05/21/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/21/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/21/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/21/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/21/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/21/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	30.187	05/21/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/21/98	WAW	621-64-7		U
N Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/21/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/21/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/21/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/21/98	WAW	87-86-5		U

Pace Project Number: 6021712
Client Project ID: 980515-07

Pace Sample No.: 601878804 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T7-2-5 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/21/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/21/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.5714	05/21/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	68	%			05/21/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	86	%			05/21/98	WAW	321-60-8		
2-Fluorophenol (S)	83	%			05/21/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	77	%			05/21/98	WAW	4165-60-0		
Phenol-d6 (S)	75	%			05/21/98	WAW	13127-88-3		
Terphenyl-d14 (S)	96	%			05/21/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021712
Client Project ID: 980515-07

Pace Sample No.: 601878879 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-2-5 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/20/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/20/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/20/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/20/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/20/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/20/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/20/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/20/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/20/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/20/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/20/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/20/98	WAW	91-58-7		U
2 Chlorophenol	ND	ug/kg	660	17.472	05/20/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/20/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/20/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/20/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/20/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/20/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.054	05/20/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/20/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/20/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/20/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/20/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/20/98	WAW	7005 72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/20/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/20/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/20/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/20/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/20/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.661	05/20/98	WAW	120-12-7		U

Pace Project Number: 6021712
Client Project ID: 980515-07

Pace Sample No.: 601878879 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-2-5 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/20/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/20/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/20/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/20/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/20/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/20/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/20/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/20/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/20/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/20/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/20/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/20/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/20/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/20/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/20/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/20/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/20/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/20/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	16.323	05/20/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/20/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/20/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/20/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/20/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/20/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/20/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/20/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/20/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/20/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/20/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/20/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/20/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/20/98	WAW	87-86-5		U

Pace Project Number: 6021712
Client Project ID: 980515-07

Pace Sample No.: 601878879 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-2-5 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/20/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/20/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/20/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	61	%			05/20/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	70	%			05/20/98	WAW	321-60-8		
2-Fluorophenol (S)	63	%			05/20/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	68	%			05/20/98	WAW	4165-60-0		
Phenol-d6 (S)	62	%			05/20/98	WAW	13127-88-3		
Terphenyl-d14 (S)	65	%			05/20/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 6021712
Client Project ID: 980515-07

Pace Sample No.: 601878911 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T6-3-15 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	66		05/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	66		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	66		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	66		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	66		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	66		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	66		05/28/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	86	%			05/28/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	92	%			05/28/98	AFT	877-09-8		
Date Extracted	05/26/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021712
Client Project ID: 980515-07

Pace Sample No.: 601878929 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-3-10 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/21/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/21/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/21/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/21/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/21/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/21/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/21/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/21/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/21/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/21/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/21/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	18.24	05/21/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/21/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/21/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/21/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/21/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/21/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/21/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/21/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/21/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/21/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/21/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/21/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/21/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/21/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/21/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/21/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/21/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/21/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/21/98	WAW	120-12-7		U

Pace Project Number: 6021712
Client Project ID: 980515-07

Pace Sample No.: 601878929 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-3-10 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/21/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/21/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/21/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/21/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/21/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/21/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/21/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/21/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/21/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/21/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/21/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/21/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/21/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/21/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/21/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/21/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/21/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/21/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/21/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/21/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/21/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/21/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/21/98	WAW	87 68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19 66	05/21/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/21/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/21/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50 44	05/21/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/21/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/21/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/21/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/21/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/21/98	WAW	87-86-5		U

Pace Project Number: 6021712
Client Project ID: 980515-07

Pace Sample No.: 601878929 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: T5-3-10 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/21/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	19.62	05/21/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/21/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	87	%			05/21/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	91	%			05/21/98	WAW	321-60-8		
2-Fluorophenol (S)	93	%			05/21/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	83	%			05/21/98	WAW	4165-60-0		
Phenol-d6 (S)	80	%			05/21/98	WAW	13127-88-3		
Terphenyl-d14 (S)	98	%			05/21/98	WAW	1718-51-0		
Date Extracted	05/18/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021712
Client Project ID: 980516-07

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected

Advanced Technology Laboratories

May 27, 1998

ELAP No.: 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: 980515-06
Lab No.: 26235-001/010

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ns

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any representation of this report or use of this laboratory's name for advertising or publicity purposes without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical Service
Attn: Mr. Richard Villafania

Client's Project: 980515-06

Date Received: 05/22/98
Date Sampled: N/A

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
26235-001	T9-1-5	EPA 7471 (Mercury)	05/27/98	3.1	Soil, mg/kg	0.10	0.40	DJ
26235-002	T9-3-5	EPA 7471 (Mercury)	05/27/98	0.38	Soil, mg/kg	0.10	0.10	DJ
26235-003	T7-2-5	EPA 7471 (Mercury)	05/27/98	0.23	Soil, mg/kg	0.10	0.10	DJ
26235-004	T7-3-5	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26235-005	T7-4-5	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26235-006	T6-1-5	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26235-007	T6-2-5	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26235-008	T6-3-15	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26235-009	T5-3-10	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26235-010	T5-4-10	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: Cheryl de los Reyes
Cheryl De Los Reyes
Department Supervisor

Date: 5/27/98

The cover letter is an integral part of this analytical report

Spike Recovery and RPD Summary Report

Method: EPA7471
Analyst: CDR/DJ
Data File: 80527-3
QA File: 8148-3

Date Analyzed: 05-27-98
Date Digested: 05-27-98
Sample ID: see below
Matrix: soil

SPL ID	UNITS	LCS Conc	LCS Rec	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
26234-010	mg/kg	0.50	0.51	102	ND	ND	ND	0	0.83	0.96	0.88	116	106	63-139	9	30	0.10
26235-004	mg/kg	0.50	0.49	98	ND	ND	ND	0	0.83	0.83	0.91	100	110	63-139	9	30	0.10
26236-004	mg/kg	0.50	0.44	88	ND	ND	ND	0	0.83	0.86	0.89	104	107	63-139	3	30	0.10

Approved by: Cheryl De Los Reyes
Inorganics Supervisor

Date: 5/27/98

Advanced Technology Laboratories

Face Analytical

1 of 2

423638

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical	Report To: Richard	Turn around Time: ☐ 24 Hours ☒ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 3970 Gilman	Bill To:		Pace Project Manager
Long Beach, CA 90815	P.O. # / Billing Reference		Pace Project No. 980515-06
Phone: 498-9515	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VCA (HCL)	NaOH	ANALYSES REQUEST	REMARKS
1	T9-1-5		SOIL								X	
2	T9-3-5										X	
3	T7-2-5										X	
4	T7-3-5										X	
5	T7-4-5										X	
6	T6-1-5										X	
7	T6-2-5										X	
8	T6-3-15										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	[illegible]	5/22/98		Diane Nelson/AM	5-22-98	1738

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

2 of 2

423639

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical	Report To: Richard V.	Turn around Time: ☐ 24 Hours ☒ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address:	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No. 980515-06
Phone: 498-9515	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Hg	REMARKS
1	TS-J-10		Soil								X	
2	TS-4-10		2								X	
3												
4												
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible]	5/22/98		Diane Kalvan/ATL	5-22-98	1738

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Advanced Technology Laboratories

May 27, 1998 ELAP No.: 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: 980515-06
Lab No.: 26235-001/010

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody

Thank you for the opportunity to service the needs of your company Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of the Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical Service
Attn: Mr. Richard Villafania

Client's Project: 980515-06

Date Received: 05/22/98
Date Sampled: N/A

Lab No.	Sample ID	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
26235-001	T9-1-5	EPA 7471 (Mercury)	05/27/98	3.1	Soil, mg/kg	0.10	0.40	DJ
26235-002	T9-3-5	EPA 7471 (Mercury)	05/27/98	0.38	Soil, mg/kg	0.10	0.10	DJ
26235-003	T7-2-5	EPA 7471 (Mercury)	05/27/98	0.23	Soil, mg/kg	0.10	0.10	DJ
26235-004	T7-3-5	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26235-005	T7-4-5	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26235-006	T6-1-5	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26235-007	T6-2-5	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26235-008	T6-3-15	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26235-009	T5-3-10	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ
26235-010	T5-4-10	EPA 7471 (Mercury)	05/27/98	ND	Soil, mg/kg	0.10	0.10	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: Cheryl de Los Reyes
Cheryl De Los Reyes
Department Supervisor

Date: 5/27/98

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report

Method: EPA7471
Analyst: CDR/DJ
Data File: 80527-3
QA File: 8148-3

Date Analyzed: 05-27-98
Date Digested: 05-27-98
Sample ID: see below
Matrix: soil

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
26234-010	mg/kg	0.50	0.51	102	ND	ND	ND	0	0.83	0.96	0.88	116	106	63-139	9	30	0.10
26235-004	mg/kg	0.50	0.49	98	ND	ND	ND	0	0.83	0.83	0.91	100	110	63-139	9	30	0.10
26236-004	mg/kg	0.50	0.44	88	ND	ND	ND	0	0.83	0.86	0.89	104	107	63-139	3	30	0.10

Approved by: Cheryl De Los Reyes
Inorganics Supervisor

Date: 5/27/98

Advanced Technology Laboratories

Pace Analytical

1012

423656

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical	Report To: Richard	Turn around Time: ☐ 24 Hours ☒ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 3970 Gilman Long Beach, CA 90815	Bill To:		Pace Project Manager
Phone: 498-9515	P.O. # / Billing Reference		Pace Project No. 980515-06
	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature

Date Sampled

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: HD	REMARKS
1	T9-1-5		SOIL								X	
2	T9-3-5										X	
3	T7-2-5										X	
4	T7-3-5										X	
5	T7-4-5										X	
6	T6-1-5										X	
7	T6-2-5										X	
8	T6-3-15										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	[illegible]	5/22/98		Diane Halvan/AN	5-22-98	1738

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

897

Pace Analytical

2 of 2

423639

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical	Report To: Richard V.	Turn around Time: ☐ 24 Hours ☒ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address:	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No. 980515-06
Phone: 498-9515	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH		ANALYSES REQUEST:									REMARKS
												H5									
1	TS-J-10		Soil									X									
2	TS-4-10		"									X									
3																					
4																					
5																					
6																					
7																					
8																					

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	[illegible]	5/20/98		Diane Watson/ATL	5/21/98	1336

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N	

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

13 SB1
9805157-07

Page 1 of 6

423351

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No.
	Project Name / No.: West Approach		*Requested Due Date: 5-29-98

Sampled By (PRINT): Scott Powers

Sampler Signature: CS

Date Sampled: 5/14/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: GCB Models	TPH-S	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	T9-1-S	645	S								X	X	X				
2	T9-1-3	650									X	X	X				
3	T9-1-5	655									X	X	X				Rush
4	T9-1-10	700															Archive
5	T9-3-S	710									X	X	X				
6	T9-3-3	715									X	X	X				
7	T9-3-5	720									X	X	X				Rush
8	T9-3-10	725															Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA overnight			

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/14/98	1700	CA Overnight	5/14/98	1700

SAMPLE CONDITION

Temp: ___ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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980515-01 423352

Page 2 of 6

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poes	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600(		Pace Project No
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date: 5-29-98
Sampler Signature:	Date Sampled: 5/14/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	T7-2-5	745	S								X	X	X		X		
2	T7-2-3	750									X	X	X		X		
3	T7-2-7	755									X	X	X		X		RUSH
4	T7-2-10	800															Archive
5	T7-3-5	805									X	X		X			
6	T7-3-3	810									X	X		X			
7	T7-3-5	815									X	X		X			RUSH
8	T7-3-10	820	V														Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/14/98	1700	OA Overnight	5/14/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

980515-07 423353

Page 3 of 6

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Post	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave, Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No.
Sampled By (PRINT): Scott Bones	Project Name / No.: West Approach		*Requested Due Date: 5-29-98
Sampler Signature: [signature]	Date Sampled: 5/14/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: see notes	TPH-5	BTEX	VOC's	SVOC's	PCB's	REMARKS
1	T7-4-5	830	S								X	X	X	X			
2	T7-4-3	835									↓	↓	↓	↓			
3	T7-4-5	840									↓	↓	↓	↓			RUSH
4	T7-4-10	845															Archive
5	T6-1-5	855									X	X	X				
6	T6-1-3	900									↓	↓	↓				
7	T6-1-5 SB	905									↓	↓	↓				RUSH
8	T6-1-9.5 SB	910	↓											4			Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSE	5/14/98		CA Overnight	5/14/98	1700

SAMPLE CONDITION

Temp: ___ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

6/97

Pace Analytical

13258k
980515-07 423354
Page 4 of 6

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601		Pace Project No.
Sampled By (PRINT): Scott Bond	Project Name / No.: West Approach		*Requested Due Date: 5-29-98
Sampler Signature:	Date Sampled: 5/14/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	T6-2-S	930	S								X	X	X		X		
2	T6-2-3	935									X	X	X		X		
3	T6-2-5	940									X	X	X		X		Rush
4	T6-2-10	945															Archive
5	T6-3-S	955									X	X		X			
6	T6-3-3	1000									X	X	X		X		
7	T6-3-5	1005									X	X	X		X		SB
8	T6-3-10	1010	↓								X	X	X		X		~~Rush~~ SB

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	/ PSI	5/14/98	1700	CA Overnight	5/14/98	1700

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

6/97

Pace Analytical

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980515-07 423363

Page 5 of 6

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date: 5-29-98

Sampler Signature: _____ Date Sampled: _____

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	T6-3-15	1020	S								X	X		X	X		RUSH
2	T6-3-20	1040															Archive
3	T5-3-5	1225									X	X		X			
4	T5-3-3	1230									↓	↓		↓			
5	T5-3-5	1235															
6	T5-3-10	1240									↓	↓	↓		↓		RUSH
7	T5-3-15	1245															Archive
8	T5-4-5	1300	↓								X	X		X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSI	5/14/98	1700	CA Overnight	5/14/98	1700

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N	

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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980515-07
Page 6 of 6

423364

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600(		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date: 5-29-98
Sampler Signature:	Date Sampled: 5/14/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	CLP Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	TS-4-3	1305	S								X	X	X				
2	TS-4-5	1310									X	X	X				
3	TS-4-10	1315									X	X	X				RUSH
4	TS-4-15	1320								1							Archive
5	WIS-4	1350	W		13	4			9		X	X	X	X	X		
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnight			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible]	5/14/98	1700	CA Overnight	5/14/98	1700

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980514-03
PACE ANALYTICAL WO #: 13222A
Client ID #: 8G001 SFW

Date: 6/12/98

PACE ANALYT
received on 05/13/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TPH-Speciation (Soil)	2-3
BTEX (Soil)	4-5
CCR Metals (Soil)	6-8
List of Abbreviations and Definitions	9

In addition the analysis for 8080, 8260 & 8270 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by.
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full
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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980514-03
PACE ANALYTICAL WO#:13222A
Client ID#:8G001 SFW

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	05/23/98	<10	---	10	1
D38-S	05/23/98	290	C12-C40 Oil	10	1
D38-1.5	05/23/98	110	C14-C36 Oil	10	1
D39-S	05/23/98	2300	C11-C40 Oil	10	1
D41-S	05/23/98	<10	---	10	1
D41-3	05/23/98	<10	---	10	1
D43-S	05/23/98	<10	---	10	1
D43-3	05/23/98	<10	---	10	1
D9-S	05/23/98	210	C20-C40 Oil	10	1
D9-3	05/23/98	<10	---	10	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/23/98		05/23/98	05/23/98			
TPH-Speciation	98	80-120	94	89	70-130	5.5	0-30

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980514-03
PACE ANALYTICAL WO#:13222A
Client ID#:8G001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	D39-S	D41-S	D41-3.0	D43-S	D43-3.0	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/15/98	05/15/98	05/15/98	05/15/98	05/15/98	
Analyte						
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	
Surrogate Recovery %:						Acceptable Range:
a,a,a-Trifluorotoluene	84	95	95	94	94	59-134

Client ID:	D9-S	D9-3.0	Method Blank	
Units:	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/15/98	05/15/98	05/15/98	
Analyte				
Benzene	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	15
DF	1	1	1	
Surrogate Recovery %:				Acceptable Range:
a,a,a-Trifluorotoluene	81	92	97	59-134

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/15/98		05/15/98	05/15/98			
Analyte							
Benzene	91	74-116	91	87	72-115	4.5	0-26
Toluene	93	73-116	92	92	70-114	0.0	0-22
Ethylbenzene	94	75-118	93	87	58-119	6.7	0-24
Total Xylenes	94	76-120	94	89	74-117	5.5	0-22

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/20 TTLC METALS

Client ID:	D38-S	D38-1-5	D39-S	D41-S	D41-3.0	D43-S	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98		
Analyte								
Antimony (Sb)	<5.0	12	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	98	110	64	80	61	210	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.6	<0.5	0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	24	33	23	26	52	29	0.5	6010
Cobalt (Co)	9.8	8.9	4.1	7.0	5.3	11	1.0	6010
Copper (Cu)	12	20	22	9.5	5.9	31	2.5	6010
Lead (Pb)	38	650	43	12	3.2	26	1.0	6010
Mercury (Hg)*	0.07	0.15	0.11	<0.50	<0.50	0.08	0.50	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	22	26	31	19	18	31	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	18	29	14	27	28	28	0.5	6010
Zinc (Zn)	41	66	86	34	24	60	10	6010
DF	1	1	1	1	1	1		

*Analyzed on 06/11/98

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PACE ANALYTICAL Project#:980514-03
PACE ANALYTICAL WO#:13222A
Client ID#:8G001 SFW

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D43-3.0	D9-S	D9-3.0	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/24/98	05/24/98	05/24/98	05/24/98		
Analyte						
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	47	190	200	<10	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	1.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	36	40	21	<0.5	0.5	6010
Cobalt (Co)	3.4	13	12	<1.0	1.0	6010
Copper (Cu)	6.6	86	32	<2.5	2.5	6010
Lead (Pb)	6.3	2500	33	<1.0	1.0	6010
Mercury (Hg)*	<0.05	0.51	0.06	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	19	42	34	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	38	29	22	<0.5	0.5	6010
Zinc (Zn)	24	490	96	<10	10	6010
DF	1	1	1	1		

*Analyzed on 06/11/98

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/24/98		05/24/98	05/24/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	89	70-130	33**	40**	60-130	19	0-25
Arsenic (As)	6010	90	78-104	74	72	34-135	2.7	0-15
Barium (Ba)	6010	102	81-117	91	91	55-130	0.0	0-25
Beryllium (Be)	6010	93	70-130	84	82	70-130	2.4	0-25
Cadmium (Cd)	6010	86	75-104	74	73	73-115	1.4	0-15
Chromium (Cr)	6010	93	81-103	91	91	62-125	0.0	0-15
Cobalt (Co)	6010	89	70-130	72	71	70-130	1.4	0-25
Copper (Cu)	6010	93	70-130	88	88	70-140	0.0	0-25
Lead (Pb)	6010	85	76-104	66	64	48-120	3.1	0-30
Mercury (Hg)*	7471	98	76-121	96	96	70-135	0.0	0-30
Molybdenum (Mo)	6010	92	70-130	72	74	70-130	2.7	0-25
Nickel (Ni)	6010	89	70-130	83	89	70-130	7.0	0-25
Selenium (Se)	6010	90	79-102	72	69	42-120	4.3	0-16
Silver (Ag)	6010	94	77-107	81	78	53-115	3.8	0-19
Thallium (Tl)	6010	89	70-130	76	77	70-130	1.3	0-25
Vanadium (V)	6010	93	70-130	89	95	70-130	6.5	0-25
Zinc (Zn)	6010	90	70-130	74	72	70-130	2.7	0-25

*Analyzed on 06/11/98
**Sample matrix effect.

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS		Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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13222A
980514-03 423328

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME
Phone: 510 785-1111	P.O. # / Billing Reference: 66001 SFW
	Project Name / No.: CALTRANS SFW

Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.:
*Requested Due Date: 5-28-98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 5/13/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	TPH-D	8260	8270	8020	5060 PCB	CAM 17	STLC Pb	STLC Cr	REMARKS
D38-5	0930	SOIL								X	X			X	X			
D38-1.5	0938									X	X			X	X	X		
D39-5	1002									X		X	X	X	X			
D41-5	1056									X		X	X		X			
D41-3.0	1112									X		X	X		X	X		
D43-5	1254									X		X	X		X			
D43-3.0	1301									X		X	X		X			
D9-5	1335									X		X	X	X	X	X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/13/98		CALIFORNIA OVERNITE	5/13/98	

SAMPLE CONDITION

Temp: °C	Received on Ice Y / N	Sealed Cooler Y / N	Samples Intact Y / N

Pace Analytical

13222A
980514-03 423304

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CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI	Report To: FRANK ROSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
1320 W. WINTON AVE	Bill To: SAME		Pace Project Manager
HAYWARD CA. 94545	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
510 785-1111	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5-28-98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 5/13/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8260	8270	8020	6010 PAH	CAM 17	REMARKS
D9-3.0	1344	SOIL								X		X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/13/98		CALIFORNIA OVERNITE	5/13/98	

SAMPLE CONDITION

Temp: ___ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Pace Analytical Services, Inc.
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June 2, 1998

W.O. # 13222A

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107424
Client Project ID: 980514-03

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 107424
Client Project ID: Caltrans 960415-03

Pace Sample No.: 10640076 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D38-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS – VOA									
Volatile Organics	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/22/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/22/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/22/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/22/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/22/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/22/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/22/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/22/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/22/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/22/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/22/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/22/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/22/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/22/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/22/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/22/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/22/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107424
Client Project ID: Caltrans 960415-03

Pace Sample No.: 10640076 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D38-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/22/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/22/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/22/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/22/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/22/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/22/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/22/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/22/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/22/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/22/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/22/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/22/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/22/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/22/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/22/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/22/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/22/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/22/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/22/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/22/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/22/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/22/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/22/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107424
Client Project ID: Caltrans 960415-03

Pace Sample No.: 10640076 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D38-5 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/22/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/22/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/22/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/22/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/22/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/22/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/22/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/22/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/22/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/22/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/22/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/22/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/22/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/22/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/22/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/22/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/22/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/22/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/22/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/22/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/22/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/22/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/22/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/22/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107424
Client Project ID: Caltrans 960415-03

Pace Sample No.: 10640076 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D38-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/22/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/22/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	116	%		*	05/22/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	100	%		*	05/22/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/22/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/22/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107424
Client Project ID: Caltrans 960415-03

Pace Sample No.: 10640084 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D38-1.5 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS – VOA									
Volatile Organics	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/22/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/22/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/22/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/22/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/22/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/22/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/22/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/22/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/22/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/22/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/22/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/22/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/22/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/22/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/22/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/22/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/22/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
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Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107424
Client Project ID: Caltrans 960415-03

Pace Sample No.: 10640084 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D38-1.5 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/22/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/22/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/22/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/22/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/22/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/22/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/22/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/22/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/22/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/22/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/22/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/22/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/22/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/22/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/22/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/22/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/22/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/22/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/22/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/22/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/22/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/22/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/22/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/22/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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1700 Elm Street - Suite 200
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Tel: 612-607-6400
Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107424
Client Project ID: Caltrans 960415-05

Pace Sample No.: 10640084 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D38-1.5 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/22/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/22/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/22/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/22/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/22/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/22/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/22/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/22/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/22/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/22/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/22/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/22/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/22/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/22/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/22/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/22/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/22/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/22/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/22/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/22/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/22/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/22/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/22/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/22/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107424
Client Project ID: Caltrans 960415-03

Pace Sample No.: 10640084 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D38-1.5 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/22/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/22/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	126	%		*	05/22/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	60	%		*	05/22/98	SAC	460-00-4	2	
Dibromofluoromethane (S)	56	%		*	05/22/98	SAC	1868-53-7	1,2,3	
Toluene-d8 (S)	100	%		*	05/22/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107424
Client Project ID: Caltrans 960415-

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	The internal standard response was below criteria due to the purging efficiency of the soil matrix. Results may be bia
[2]	The surrogate recovery was outside QC acceptance limits due to matrix interference.
[3]	Confirmed by second analysis.

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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13222A
980514-03 423304

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CHAIN-OF-CUSTODY RECORD
Analytical Request

nt PSI	Report To: FRANK POSS	Turn around Time	Pace Client No.
ress 1320 W. WINTON AVE	Bill To: SAME	☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Project Manager
HAYWARD CA. 94545	P.O. # / Billing Reference 86001 SFW		Pace Project No.
ne 510 785-1111	Project Name / No. CALTRANS SFW		*Requested Due Date: 5-28-98

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT Date Sampled: 5/13/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8260	8270	6020	8080 PCB	CAM 17	REMARKS
D9-3.0	1344	SOIL								X		X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

tional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/13/98		CALSCO RNIA OVERNITE	5/13/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

ace Analytical

132224
980514-03 423328

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CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI	Report To: FRANK POSS	Turn around Time: ☒ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
ss 1320 W. WINTON AVE	Bill To: SAME		Pace Project Manager
HAYWARD CA. 94545	P.O. # / Billing Reference: 58600 / SFW		Pace Project No.
510 785-1111	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5-28-98

ed By (PRINT): CHRIS MERRITT

er Signature: CHRIS MERRITT — Date Sampled: 5/13/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8260	8270	8020	8080 PCB	CAM 17	REMARKS
D38-5	0930	SOIL								X	X			X	X	
D38-1.5	0938									X	X			X	X	
D39-5	1002									X		X	X	X	X	
D41-5	1036									X		X	X		X	
D41-3.0	1112									X		X	X		X	
D43-5	1254									X		X	X		X	
D43-3.0	1307									X		X	X		X	
D9-5	1339	▼								X		X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

onal Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/13/98		CALIFORNIA OVERNITE	5/13/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

Pace Analytical

June 04, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021701
Client Project ID: 980514-03

Dear :

Enclosed are the results of analyses for sample(s) received on May 15, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021701
Client Project ID: 980514-03

Attn: PROJECT MANAGER
Phone: (562)498-9515

Pace Sample No.: 601877624 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D38-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	660		05/28/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	0	%			05/28/98	AFT	2051-24-3	1	
Tetrachloro-meta-xylene (S)	0	%			05/28/98	AFT	877-09-8		
Date Extracted	05/26/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877632 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D38-1 5 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	660		05/28/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	0	%			05/28/98	AFT	2051-24-3	1	
Tetrachloro-meta-xylene (S)	0	%			05/28/98	AFT	877-09-8		
Date Extracted	05/26/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877640 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: 039 S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	660		05/28/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	0	%			05/28/98	AFT	2051-24-3	1	
Tetrachloro-meta-xylene (S)	0	%			05/28/98	AFT	877-09-8		
Date Extracted	05/26/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877640 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D39 S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/03/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/03/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/03/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	06/03/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/03/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/03/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	06/03/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/03/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/03/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/03/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/03/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/03/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/03/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/03/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/03/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/03/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/03/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/03/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/03/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/03/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/03/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/03/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/03/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/03/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/03/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/03/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/03/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/03/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/03/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/03/98	WAW	120-12-7		U

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877640 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D39 S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/03/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/03/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/03/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/03/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/03/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/03/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/03/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/03/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/03/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/03/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/03/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/03/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	06/03/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.5	06/03/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/03/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/03/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	06/03/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/03/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/03/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/03/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/03/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/03/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/03/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	06/03/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/03/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/03/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/03/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/03/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/03/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	06/03/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/03/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/03/98	WAW	87-86-5		U

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877640 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D39 S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	06/03/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	06/03/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/03/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	130	%			06/03/98	WAW	118-79-6	2	
2-Fluorobiphenyl (S)	93	%			06/03/98	WAW	321-60-8		
2-Fluorophenol (S)	109	%			06/03/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	87	%			06/03/98	WAW	4165-60-0		
Phenol-d6 (S)	93	%			06/03/98	WAW	13127-88-3		
Terphenyl-d14 (S)	90	%			06/03/98	WAW	1718-51-0		
Date Extracted	05/21/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 6016777057 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D41-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/27/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/27/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/27/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/27/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/27/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/27/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/27/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/27/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/27/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/27/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/27/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/27/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/27/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/27/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/27/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/27/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/27/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/27/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/27/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/27/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/27/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/27/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/27/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/27/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/27/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/27/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/27/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/27/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/27/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/27/98	DM	120-12-7		U

Pace Project Number: 5021701
Client Project ID: 980514-03

Pace Sample No.: 5018/7657 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D41-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/27/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/27/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/27/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/27/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/27/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/27/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.98	05/27/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/27/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/27/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/27/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/27/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/27/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/27/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.9	05/27/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/27/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/27/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/27/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/27/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/27/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/27/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/27/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/27/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/27/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/27/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/27/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/27/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/27/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/27/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/27/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/27/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/27/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/27/98	DM	87-86-5		U

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877657 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D41-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/27/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.82	05/27/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/27/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	85	%			05/27/98	DM	118-79-6		
2-Fluorobiphenyl (S)	83	%			05/27/98	DM	321-60-8		
2-Fluorophenol (S)	83	%			05/27/98	DM	367-12-4		
Nitrobenzene-d5 (S)	76	%			05/27/98	DM	4165-60-0		
Phenol-d6 (S)	78	%			05/27/98	DM	13127-88-3		
Terphenyl-d14 (S)	86	%			05/27/98	DM	1718-51-0		
Date Extracted	05/21/98					DM			
Total EPA 8270	ND								

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877665 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D41-3.0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/28/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/28/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/28/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/28/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/28/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/28/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/28/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/28/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/28/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/28/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/28/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/28/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/28/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/28/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/28/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/28/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/28/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/28/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/28/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/28/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.166	05/28/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/28/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/28/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/28/98	WAW	7005-72-3		U
4 Methylphenol	ND	ug/kg	660	14.925	05/28/98	WAW	106-44-5		U
4 Nitroaniline	ND	ug/kg	3200	10.447	05/28/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/28/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/28/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/28/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.051	05/28/98	WAW	120-12-7		U

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877665 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D41-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/28/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/28/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/28/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/28/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/28/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/28/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/28/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/28/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/28/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/28/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/28/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/28/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/28/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/28/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/28/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/28/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/28/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/28/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/28/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/28/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/28/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/28/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/28/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/28/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/28/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/28/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/28/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/28/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/28/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/28/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	36.024	05/28/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/28/98	WAW	87-86-5		U

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877665 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D41-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/28/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	16.526	05/28/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/28/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	61	%			05/28/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	88	%			05/28/98	WAW	321-60-8		
2-Fluorophenol (S)	90	%			05/28/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	81	%			05/28/98	WAW	4165-60-0		
Phenol-d6 (S)	81	%			05/28/98	WAW	13127-88-3		
Terphenyl-d14 (S)	91	%			05/28/98	WAW	1718-51-0		
Date Extracted	05/21/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877873 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D43-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/27/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/27/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/27/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/27/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/27/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.999	05/27/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/27/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/27/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/27/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/27/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/27/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/27/98	WAW	91-58-7		U
2 Chlorophenol	ND	ug/kg	660	17.472	05/27/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/27/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/27/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/27/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/27/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/27/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/27/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/27/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/27/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/27/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/27/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/27/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/27/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/27/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/27/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/27/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/27/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/27/98	WAW	120-12-7		U

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877673 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D43-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/27/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/27/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/27/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/27/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/27/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/27/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/27/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/27/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/27/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/27/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/27/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	10.084	05/27/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/27/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/27/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/27/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/27/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/27/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/27/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/27/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/27/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/27/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/27/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/27/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/27/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/27/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/27/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/27/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/27/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/27/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/27/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/27/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/27/98	WAW	87-86-5		U

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No: 601877673 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D43-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/27/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/27/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	0.6714	05/27/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	87	%			05/27/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	87	%			05/27/98	WAW	321-60-8		
2-Fluorophenol (S)	93	%			05/27/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	81	%			05/27/98	WAW	4165-60-0		
Phenol-d6 (S)	82	%			05/27/98	WAW	13127-00-3		
Terphenyl-d14 (S)	94	%			05/27/98	WAW	1718-51-0		
Date Extracted	05/21/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877681 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D43-3.0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/27/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/27/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/27/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/27/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/27/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/27/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/27/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/27/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/27/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/27/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/27/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/27/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/27/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/27/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/27/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/27/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/27/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/27/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/27/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/27/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/27/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/27/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/27/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/27/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/27/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/27/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/27/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/27/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/27/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.051	05/27/98	DM	120-12-7		U

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877661 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: 043-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/27/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/27/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/27/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/27/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/27/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/27/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/27/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/27/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/27/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/27/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/27/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/27/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/27/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	05/27/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/27/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/27/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/27/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.718	05/27/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/27/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/27/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/27/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/27/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/27/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/27/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/27/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/27/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/27/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/27/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/27/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/27/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/27/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/27/98	DM	87-86-5		U

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877681 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D43-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/27/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/27/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/27/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	105	%			05/27/98	DM	118-79-6		
2-Fluorobiphenyl (S)	101	%			05/27/98	DM	321-60-8		
2-Fluorophenol (S)	105	%			05/27/98	DM	367-12-4		
Nitrobenzene-d5 (S)	95	%			05/27/98	DM	4165-60-0		
Phenol-d6 (S)	95	%			05/27/98	DM	13127-88-3		
Terphenyl-d14 (S)	109	%			05/27/98	DM	1718-51-0		
Date Extracted	05/21/98					DM			
Total EPA 8270	ND								

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877699 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D9-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	3300	ug/kg	660		05/28/98	AFT	11096-82-5		
Decachlorobiphenyl (S)	0	%			05/28/98	AFT	2051-24-3	1	
Tetrachloro-meta-xylene (S)	0	%			05/28/98	AFT	877-09-8		
Date Extracted	05/26/98					AFT			
Total EPA 8082	**3300**								

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877699 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D9-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/28/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/28/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/28/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/28/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/28/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/28/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/28/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/28/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/28/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/28/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/28/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/28/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/28/98	WAW	95-57-8		U
2-Methylnaphthalene	1100	ug/kg	660	33.26	05/28/98	WAW	91-57-6		
2-Methylphenol	ND	ug/kg	660	15	05/28/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/28/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/28/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/28/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/28/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/28/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/28/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/28/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/28/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/28/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/28/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/28/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/28/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/28/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/28/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/28/98	WAW	120-12-7		U

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877699 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D9-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	16.22	05/28/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/28/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/28/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/28/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/28/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/28/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/28/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/28/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/28/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/28/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	2700	ug/kg	660	7.98	05/28/98	WAW	117-81-7		
Butylbenzylphthalate	770	ug/kg	660	19.18	05/28/98	WAW	85-68-7		
Chrysene	1200	ug/kg	660	19.08	05/28/98	WAW	218-01-9		
Di-n-butylphthalate	1700	ug/kg	660	31.6	05/28/98	WAW	84-74-2		
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/28/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/28/98	WAW	53-70-3		U
Dibenzofuran	800	ug/kg	660	18.84	05/28/98	WAW	132-64-9		
Diethylphthalate	ND	ug/kg	660	12.78	05/28/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/28/98	WAW	131-11-3		U
Fluoranthene	9900	ug/kg	660	15.76	05/28/98	WAW	206-44-0		
Fluorene	ND	ug/kg	660	15.26	05/28/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/28/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/28/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/28/98	WAW	77 47-4		U
Hexachloroethane	ND	ug/kg	660	20.7	05/28/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/28/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	30 44	05/28/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/28/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/28/98	WAW	86-30-6		U
Naphthalene	1600	ug/kg	660	18.9	05/28/98	WAW	91-20-3		
Nitrobenzene	ND	ug/kg	660	35.2	05/28/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17 70	05/28/98	WAW	87-86-5		U

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877699 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D9-S Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	7200	ug/kg	660	13.69	05/28/98	WAW	85-01-8		
Phenol	ND	ug/kg	660	18.62	05/28/98	WAW	108-95-2		U
Pyrene	1500	ug/kg	660	9.72	05/28/98	WAW	129-00-0		
2,4,6-Tribromophenol (S)	29	%			05/28/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	90	%			05/28/98	WAW	321-60-8		
2-Fluorophenol (S)	86	%			05/28/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	82	%			05/28/98	WAW	4165-60-0		
Phenol-d6 (S)	82	%			05/28/98	WAW	13127-88-3		
Terphenyl-d14 (S)	73	%			05/28/98	WAW	1718-51-0		
Date Extracted	05/21/98					WAW			
Total EPA 8270	28470								

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877707 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D9-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	66		06/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	66		06/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	66		06/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	66		06/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	66		06/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	66		06/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	66		06/28/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	98	%			06/28/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	91	%			06/28/98	AFT	877-09-8		
Date Extracted	05/26/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877707 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: 09-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/27/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/27/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/27/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/27/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/27/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/27/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/27/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/27/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/27/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/27/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/27/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/27/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/27/98	DM	95-57-8		U
2 Methylnaphthalene	ND	ug/kg	660	33 26	05/27/98	DM	91 57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/27/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/27/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/27/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481 06	05/27/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15 14	05/27/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/27/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/27/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17 46	05/27/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/27/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/27/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/27/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/27/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/27/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/27/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/27/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13 72	05/27/98	DM	120-12-7		U

Pace Project Number: 6021701
Client Project ID: 980514-03

Pace Sample No.: 601877707 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D9-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/27/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/27/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/27/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/27/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/27/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/27/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/27/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/27/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/27/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/27/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/27/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/27/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/27/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/27/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/27/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/27/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/27/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/27/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/27/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/27/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/27/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/27/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/27/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/27/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/27/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/27/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/27/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/27/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/27/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/27/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/27/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/27/98	DM	87-86-5		U

Pace Project Number: 5021701
Client Project ID: 980514-03

Pace Sample No.: 601877707 Date Collected: 05/13/98 Matrix: Soil
Client Sample ID: D9-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/27/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/27/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/27/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	76	%			05/27/98	DM	118-79-6		
2-Fluorobiphenyl (S)	83	%			05/27/98	DM	321-60-8		
2-Fluorophenol (S)	87	%			05/27/98	DM	367-12-4		
Nitrobenzene-d5 (S)	77	%			05/27/98	DM	4165-60-0		
Phenol-d6 (S)	78	%			05/27/98	DM	13127-88-3		
Terphenyl-d14 (S)	76	%			05/27/98	DM	1718-51-0		
Date Extracted	05/21/98					DM			
Total EPA 8270	**ND**								

Pace Project Number: 6021701
Client Project ID: 980514-03

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	The sample contains a matrix interference requiring sample dilution. Method detection limits are adjusted for the dilution and surrogate re
[2]	The Surrogate recovery value exceeded the established laboratory control limit value. The sample had no target analytes, therefore, no

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Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980516-06
PACE ANALYTICAL WO #: 13237A
Client ID #: 6G001 SFW

Date: 6/16/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/14/98 and received on 05/14/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
BTEX (Soil)	2-3
TPH-Speciation (Soil)	4-5
CCR Metals (Soil)	6-8
List of Abbreviations and Definitions	9

In addition the analysis for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. FLAP certification #1235

REPORT OF LABORATORY ANALYSIS

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PACE ANALYTICAL Project#:980515-06
PACE ANALYTICAL WO#:13237A
Client ID#:6G001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	D45-S	D45-3.0	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	05/16/98	05/16/98	05/16/98	
Analyte				
Benzene	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	15
DF	1	1	1	
Surrogate Recovery %:				Acceptable Range:
a,a,a-Trifluorotoluene	91	93	94	59-134

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/16/98		05/16/98	05/16/98			
Analyte							
Benzene	88	74-116	90	89	72-115	1.1	0-26
Toluene	92	73-116	91	91	70-114	0.0	0-22
Ethylbenzene	93	75-118	92	91	68-119	1.1	0-24
Total Xylenes	92	78-120	92	91	74-117	1.1	0-22

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PACE ANALYTICAL Project#:980515-06
PACE ANALYTICAL WO#:13237A
Client ID#:8G001 SHW

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	05/25/98	<10	—	10	1
D40-3	05/25/98	<10	—	10	1
D42-S	05/25/98	<10	—	10	1
D42-3	05/25/98	<10	—	10	1
D44-3	05/25/98	<10	—	10	1
D45-S	05/25/98	<10	—	10	1
D45-3	05/26/98	<10	—	10	1
D40-S	06/03/98	160	C18-C40 Oil	10	1
D44-S	06/03/98	150	C18-C40 Oil	10	1

REPORT OF LABORATORY ANALYSIS

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/25/98		05/25/98	05/25/98			
TPH-Speciation	108	80-120	114	118	70-130	3.4	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/26/98		05/26/98	05/26/98			
TPH-Speciation	120	80-120	130	118	70-130	9.7	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/03/98		06/03/98	06/03/98			
TPH-Speciation	95	80-120	88	94	70-130	6.6	0-30

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
Tel: 562-498-9515
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Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D40-S	D40-3.0	D42-S	D42-3.0	D44-S	D44-3.0		EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	PRL mg/Kg	Method
Date Analyzed:	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98	05/24/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	150	270	160	80	140	99	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	46	19	39	48	39	43	0.5	6010
Cobalt (Co)	10	2.4	9.7	7.5	9.2	7.8	1.0	6010
Copper (Cu)	23	35	13	10	22	13	2.5	6010
Lead (Pb)	170	440	4.8	2.1	190	15	1.0	6010
Mercury (Hg)*	0.13	0.10	<0.05	<0.05	0.51	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	32	9.4	32	36	43	32	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	33	41	30	37	26	32	0.5	6010
Zinc (Zn)	88	230	29	29	99	43	10	6010
DF	1	1	1	1	1	1		

*Mercury ran on 06/08/98.

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
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Pace Analytical

PACE ANALYTICAL Project#:980515-06
PACE ANALYTICAL WO#:13237A
Client ID#:8G001 SFW

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D45-S	D45-3.0	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/24/98	05/24/98	05/24/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	310	56	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	44	51	<0.5	0.5	6010
Cobalt (Co)	8.9	11	<1.0	1.0	6010
Copper (Cu)	53	7.6	<2.5	2.5	6010
Lead (Pb)	250	1.7	<1.0	1.0	6010
Mercury (Hg)*	0.39	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	25	34	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	30	44	<0.5	0.5	6010
Zinc (Zn)	160	21	<10	10	6010
DF	1	1	1		

*Mercury ran on 06/08/98.

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Pace Analytical

PACE ANALYTICAL Project#:980515-06
PACE ANALYTICAL WO#:13237A
Client ID#:8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/24/98		05/24/98	05/24/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	85	70-130	55**	51**	60-130	7.5	0-25
Arsenic (As)	6010	86	78-104	86	77	34-135	9.9	0-15
Barium (Ba)	6010	94	81-117	100	83	55-130	19	0-25
Beryllium (Be)	6010	89	70-130	87	79	70-130	9.6	0-25
Cadmium (Cd)	6010	83	75-104	85	74	73-115	14	0-15
Chromium (Cr)	6010	86	81-103	92	78	62-125	17	0-15
Cobalt (Co)	6010	87	70-130	85	74	70-130	14	0-25
Copper (Cu)	6010	88	70-130	84	75	70-140	11	0-25
Lead (Pb)	6010	82	70-104	87	70	46-120	22	0-30
Mercury (Hg)*	7471	100	76-121	122	101	70-135	19	0-30
Molybdenum (Mo)	6010	89	70-130	93	75	70-130	10	0-25
Nickel (Ni)	6010	86	70-130	94	76	70-130	21	0-25
Selenium (Se)	6010	88	79-102	96	78	42-120	9.8	0-16
Silver (Ag)	6010	58	77-107	84	22**	53-115	117**	0-19
Thallium (Tl)	6010	86	70-130	83	75	70-130	10	0-25
Vanadium (V)	6010	90	70-130	93	82	70-130	13	0-25
Zinc (Zn)	6010	85	70-130	87	74	70-130	16	0-25

*Mercury ran on 06/09/98.
**Sample matrix effect.

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

13237A
980515-06 423323

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE. HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5-29-98

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature / Date Sampled: CHRIS MERRITT 5/14/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	8020	4260	8270	4080 PCB	CAM 17	REMARKS
1	D40-5	1131	SOIL								X		X			X	
2	D40-3.0	1151									X		X			X	
3	D42-5	1244									X		X		X	X	
4	D42-3.0	1302									X		X		X	X	
5	D44-5	1336									X		X			X	
6	D44-3.0	1359									X		X			X	
7	D45-5	1434									X	X		X		X	
8	D45-3.0	1449	↓								X	X		X		X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/14/98		CALIFORNIA OVERNIGHT	5/14/98	

SAMPLE CONDITION

Temp: ___°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical

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Fax: 612-617-6444

June 1, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107435
Client Project ID: 980515-06

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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1700 Elm Street - Suite 200
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Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640860 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D40-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640860
Client Sample ID: D40-SURR
Date Collected: 05/14/98
Date Received: 05/16/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/27/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640860 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D40-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	8.0	ug/kg	5	*	05/27/98	SAC	100-41-4		
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	36	ug/kg	5	*	05/27/98	SAC	7816-60-0		
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	17	ug/kg	5	*	05/27/98	SAC	95-47-6		
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640860 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D40-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	122	%		*	05/27/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	102	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	61								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640878
Client Sample ID: D40-3.0

Date Collected: 05/14/98
Date Received: 05/16/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640878 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D40-3.0 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/27/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640878 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D40-3.0 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640878 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D40-3.0 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/27/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	98	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640886 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D42-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method EPA 8080				Prep Method EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.035	0.0095	05/28/98	SAC	12674-11-		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.035	0.0107	05/28/98	SAC	11104-28-		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.035	*	05/28/98	SAC	11141-16-		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.035	*	05/28/98	SAC	53469-21-		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.035	*	05/28/98	SAC	12672-29-		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.035	*	05/28/98	SAC	11097-69-		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.035	0.0972	05/28/98	SAC	11096-82-		U
Decachlorobiphenyl (S)	103	%		*	05/28/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	106	%		*	05/28/98	SAC	877-09-8		
Date Extracted	05/27/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640886
Client Sample ID: D42-SURR
Date Collected: 05/14/98
Date Received: 05/16/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640886
Client Sample ID: D42-SURR
Date Collected: 05/14/98
Date Received: 05/16/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/27/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640886
Client Sample ID: D42-SURR
Date Collected: 05/14/98
Date Received: 05/16/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	7.0	ug/kg	5	*	05/27/98	SAC	91-20-3		
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640886
Client Sample ID: 042-SURR

Date Collected: 05/14/98
Date Received: 05/16/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	124	%		*	05/27/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	100	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/27/98	SAC	2037-26-5		

Total EPA 8260 7

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Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640894 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D42-3.0 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640894
Client Sample ID: D42-3.0
Date Collected: 05/14/98
Date Received: 05/16/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	trace	ug/kg	10	*	05/27/98	SAC	108-10-1	1	J
Acetone	ND	ug/kg	20	*	05/27/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640894
Client Sample ID: D42-3.0
Date Collected: 05/14/98
Date Received: 05/16/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	7.7	ug/kg	5	*	05/27/98	SAC	91-20-3		
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640894 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D42-3.0 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/27/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	100	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	7.7								

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Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640902 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D44-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640902 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D44-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	trace	ug/kg	10	*	05/27/98	SAC	108-10-1	1	J
Acetone	ND	ug/kg	20	*	05/27/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640902
Client Sample ID: D44-SURR

Date Collected: 05/14/98
Date Received: 05/16/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	6.8	ug/kg	5	*	05/27/98	SAC	91-20-3		
O-xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640902 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D44-SURR Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/27/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	96	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	6.8								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 06/02/98
PAGE: 23

Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640910 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D44-3.0 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
GC/MS-VOA									
Volatiles	Method EPA 8260				Prep Method EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640910
Client Sample ID: D44-3.0
Date Collected: 05/14/98
Date Received: 05/16/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/27/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640910
Client Sample ID: D44-3.0
Date Collected: 05/14/98
Date Received: 05/16/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzen	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107435
Client Project ID: 950515-06

Pace Sample No.: 10640910 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D44-3.0 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyze	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/27/98	SAC	17060-07-		
4-Bromofluorobenzene (S)	98	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107435
Client Project ID: 950515-06

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected
(1)	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879315 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D42-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082					Prep Method: EPA 8082			
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/29/98	AKG	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/29/98	AKG	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/29/98	AKG	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/29/98	AKG	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/29/98	AKG	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/29/98	AKG	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	660		05/29/98	AKG	11096-82-5		U
Decachlorobiphenyl (S)	0	%			05/29/98	AKG	2051-24-3	2	
Tetrachloro-meta-xylene (S)	0	%			05/29/98	AKG	877-09-8		
Date Extracted	05/26/98					AKG			
Total EPA 8082	ND								

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879323 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D42-3 0 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082					Prep Method: EPA 8082			
PCB-1016 (Arochlor 1016)	ND	ug/kg	66		05/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	66		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	66		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	66		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	66		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	66		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	66		05/28/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	103	%			05/28/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	89	%			05/28/98	AFT	877-09-8		
Date Extracted	05/26/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879349 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D45-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/01/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/01/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/01/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	06/01/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/01/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/01/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	06/01/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/01/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/01/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/01/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/01/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/01/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/01/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/01/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/01/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/01/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/01/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/01/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/01/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/01/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/01/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/01/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/01/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/01/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/01/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/01/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/01/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/01/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/01/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/01/98	DM	120-12-7		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879349 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D45-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/01/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/01/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/01/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/01/98	DM	191-24-2		U
Benzo(k)fluoranthene	660	ug/kg	660	9.16	06/01/98	DM	207-08-9		
Benzoic Acid	ND	ug/kg	3200	13.2	06/01/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/01/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/01/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/01/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/01/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/01/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/01/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	06/01/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	06/01/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/01/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/01/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	06/01/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/01/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/01/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/01/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/01/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/01/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/01/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	06/01/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/01/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/01/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/01/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/01/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/01/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	06/01/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/01/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/01/98	DM	87-86-5		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879349 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D45-5 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	06/01/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.62	06/01/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/01/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	122	%			06/01/98	DM	118-79-6		
2-Fluorobiphenyl (S)	127	%			06/01/98	DM	321-60-8		
2-Fluorophenol (S)	129	%			06/01/98	DM	367-12-4		
Nitrobenzene-d5 (S)	113	%			06/01/98	DM	4165-60-0		
Phenol-d6 (S)	116	%			06/01/98	DM	13127-88-3		
Terphenyl-d14 (S)	118	%			06/01/98	DM	1718-51-0		
Date Extracted	05/22/98					DM			
Total EPA 8270	660								

Pace Project Number: 8021716
Client Project ID: 980515-07

Pace Sample No.: 801879356 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D45-3 0 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/29/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/29/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/29/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/29/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/29/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/29/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/29/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/29/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/29/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.193	05/29/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/29/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	05/29/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/29/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/29/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/29/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/29/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/29/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	05/29/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/29/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	05/29/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/29/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/29/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/29/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/29/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/29/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/29/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/29/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/29/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/29/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/29/98	DM	120-12-7		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879356 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D45-3 0 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/29/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/29/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/29/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/29/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/29/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/29/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/29/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	16.327	05/29/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/29/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/29/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/29/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/29/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	05/29/98	DM	218-01-9		U
Di-n-butylphthalate	1500	ug/kg	660	31.442	05/29/98	DM	84-74-2		
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/29/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/29/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/29/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/29/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/29/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/29/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/29/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/29/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/29/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/29/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/29/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/29/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/29/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/29/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/29/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	05/29/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/29/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/29/98	DM	87-86-5		U

Pace Project Number: 5021716
Client Project ID: 980515-07

Pace Sample No.: 601879356 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D45-3 0 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	05/29/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.526	05/29/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/29/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	116	%			05/29/98	DM	118-79-6		
2-Fluorobiphenyl (S)	87	%			05/29/98	DM	321-60-8		
2-Fluorophenol (S)	101	%			05/29/98	DM	367-12-4		
Nitrobenzene-d5 (S)	91	%			05/29/98	DM	4165-60-0		
Phenol-d6 (S)	92	%			05/29/98	DM	13127-88-3		
Terphenyl-d14 (S)	113	%			05/29/98	DM	1718-51-0		
Date Extracted	05/22/98					DM			

Total EPA 8270 1500

Pace Analytical

13237B
980515-06

423323

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5-29-98
Sampler Signature: CHRIS MERRITT	Date Sampled: 5/14/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	8020	8260	8270	8015 MB (CAM 17)	STLC Pb	STLC Cr	REMARKS
1	D40-5	1131	SOIL								X	X		X		⊗		
2	D40-3.0	1151									X	X		X		⊗		
3	D42-5	1244									X	X	X	X				
4	D42-3.0	1302									X	X	X	X				
5	D44-5	1336									X	X		X		⊗		
6	D44-3.0	1351									X	X		X				
7	D45-5	1434									X	X	X	X		⊗		
8	D45-3.0	1447									X	X	X	X	⊗			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/14/98		CALIFORNIA OVERNIGHT	5/14/98	

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879315 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D4Z-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/29/98	AKG	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/29/98	AKG	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/29/98	AKG	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/29/98	AKG	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/29/98	AKG	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/29/98	AKG	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	660		05/29/98	AKG	11096-82-5		U
Decachlorobiphenyl (S)	0	%			05/29/98	AKG	2051-24-3	2	
Tetrachloro-meta-xylene (S)	0	%			05/29/98	AKG	877-09-8		
Date Extracted	05/26/98					AKG			
Total EPA 8082	ND								

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879356 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D45-3 0 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13,611	05/29/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.626	05/29/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/29/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	116	%			05/29/98	DM	118-79-6		
2-Fluorobiphenyl (S)	87	%			05/29/98	DM	321-60-8		
2-Fluorophenol (S)	101	%			05/29/98	DM	367-12-4		
Nitrobenzene-d5 (S)	91	%			05/29/98	DM	4165-60-0		
Phenol-d6 (S)	92	%			05/29/98	DM	13127-88-3		
Terphenyl-d14 (S)	113	%			05/29/98	DM	1718-51-0		
Date Extracted	05/22/98					DM			

Total EPA 8270 1500

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879315 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D4Z-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/29/98	AKG	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/29/98	AKG	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/29/98	AKG	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/29/98	AKG	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/29/98	AKG	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/29/98	AKG	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	660		05/29/98	AKG	11096-82-5		U
Decachlorobiphenyl (S)	0	%			05/29/98	AKG	2051-24-3	2	
Tetrachloro-meta-xylene (S)	0	%			05/29/98	AKG	877-09-8		
Date Extracted	05/26/98					AKG			
Total EPA 8082	ND								

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879323
Client Sample ID: D42-3 0

Date Collected: 05/14/98
Date Received: 05/16/98

Matrix: Soil

Organics

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	66		05/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	66		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	66		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	66		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	66		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	66		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	66		05/28/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	103	%			05/28/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	89	%			05/28/98	AFT	877-09-8		
Date Extracted	05/26/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879349 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D45-S Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/01/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/01/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/01/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	06/01/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/01/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/01/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	06/01/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/01/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/01/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/01/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/01/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/01/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/01/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/01/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/01/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/01/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/01/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/01/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/01/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/01/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/01/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/01/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/01/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/01/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/01/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/01/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/01/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/01/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/01/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/01/98	DM	120-12-7		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879356 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D45-3 0 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	05/29/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	05/29/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	05/29/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	05/29/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	05/29/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	05/29/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	05/29/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	05/29/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	05/29/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	05/29/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	05/29/98	DM	606-20-2		U
2 Chloronaphthalene	ND	ug/kg	660	16.158	05/29/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	05/29/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	05/29/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	05/29/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	05/29/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	05/29/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.85	05/29/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	05/29/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.992	05/29/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	05/29/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	05/29/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	05/29/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	05/29/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	05/29/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	05/29/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	05/29/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	05/29/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	05/29/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	05/29/98	DM	120-12-7		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879356 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: 045-3.0 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	05/29/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	05/29/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	05/29/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	05/29/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	05/29/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	05/29/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	05/29/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	05/29/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	05/29/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	05/29/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	05/29/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	05/29/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.084	05/29/98	DM	218-01-9		U
Di-n-butylphthalate	1500	ug/kg	660	31.442	05/29/98	DM	84-74-2		
Di-n-octylphthalate	ND	ug/kg	660	15.701	05/29/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	05/29/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	05/29/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	05/29/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	05/29/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	05/29/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	05/29/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	05/29/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	05/29/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	05/29/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	05/29/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	05/29/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	05/29/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	05/29/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	05/29/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	16.805	05/29/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	05/29/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	05/29/98	DM	87-86-5		U

Pace Project Number: 6021716
Client Project ID: 980515-07

Pace Sample No.: 601879356 Date Collected: 05/14/98 Matrix: Soil
Client Sample ID: D45-3 0 Date Received: 05/16/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13,611	05/29/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.626	05/29/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	05/29/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	116	%			05/29/98	DM	118-79-6		
2-Fluorobiphenyl (S)	87	%			05/29/98	DM	321-60-8		
2-Fluorophenol (S)	101	%			05/29/98	DM	367-12-4		
Nitrobenzene-d5 (S)	91	%			05/29/98	DM	4165-60-0		
Phenol-d6 (S)	92	%			05/29/98	DM	13127-88-3		
Terphenyl-d14 (S)	113	%			05/29/98	DM	1718-51-0		
Date Extracted	05/22/98					DM			

Total EPA 8270 1500

SITE INVESTIGATION REPORT
VOLUME 7 (APPENDIX C)

WEST APPROACH PROJECT INCLUDING
TRANSBAY TERMINAL LOOP
SAN FRANCISCO, CALIFORNIA

prepared for

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
111 Grand Avenue
Oakland, California

Task Order Number: 04-133331-DC
EA Number: 133331

prepared by

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
Environmental Engineering Branch
&
Professional Service Industries, Inc.
1320 West Winton Avenue
Hayward, California 94545
(510) 785-1111

June, 1999
575-8G001

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel. 562-498 9515
Fax 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980515-07
PACE ANALYTICAL WO #: 13246A
Client ID #: 575-8G001

Date: 6/16/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/15/98 and received on 05/15/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
BTEX (Soil)	2-4
CCR Metals (Soil)	5-14
TPH-Speciation (Soil)	15-16
List of Abbreviations and Definitions	17

In addition the analysis for 8260, 8270, 8080 & Mercury were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
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Tel: 562 498-9515
Fax: 562 597-0786

Pace Analytical

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID/FID
BY DOHS/LUFT METHOD/BTEX BY EPA METHOD 8020

Client ID:	T5-5-S	T5-5-3	T5-5-5	T5-5-10	T4-4-S	T4-4-3	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
							1000
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	87	92	93	90	88	92	59-134

Client ID:	T4-4-5	T4-4-10	T4-2-S	T4-2-3	T4-2-5	T4-2-10	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
							1000
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	88	93	91	92	92	91	59-134

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Pace Analytical

PACE ANALYTICAL Project#:9805T6-07
PACE ANALYTICAL WO#:13246A
Client ID#:575-aG001

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID/FID
BY DOHS/LUFT METHOD/BTEX BY EPA METHOD 8020

Client ID:	T3-1-S	T3-1-3	T3-1-6	T3-1-10	T3-3-5	T3-3-3	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
							1000
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	88	90	90	89	84	88	59-134

Client ID:	T3-3-6	Method Blank	
Units:	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/20/98	05/20/98	
Analyte			
Benzene	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	5.0
Total Xylenes	<15	<15	15
			1000
DF	1	1	
Surrogate Recovery %:			Acceptable Range:
a,a,a-Trifluorotoluene	89	93	59-134

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID/FID
BY DOHS/LUFT METHOD/BTEX BY EPA METHOD 8020

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/20/98		05/20/98	05/20/98			
Analyte							
Benzene	98	74-116	84	86	72-115	2.4	0-26
Toluene	91	73-116	87	91	70-114	4.5	0-22
Ethylbenzene	92	75-118	89	89	68-119	0.0	0-24
Total Xylenes	93	78-120	89	89	74-117	0.0	0-22

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Pace Analytical

PACE ANALYTICAL Project#:980516-07
PACE ANALYTICAL WO#:13246A
Client ID#:575-8G001

Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T5-5-S	T5-5-3	T5-5-5	T5-5-10	T4-5-S	T4-5-3	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98		
Analyte									
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	19	<5.0	5.0	6010
Arsenic (As)	7.9	7.4	<5.0	<5.0	<5.0	5.2	<5.0	5.0	6010
Barium (Ba)	270	93	84	12	19	150	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.9	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	0.5	6010
Chromium (Cr)	28	26	24	21	37	25	<0.5	0.5	6010
Cobalt (Co)	7.1	4.6	3.5	3.8	2.6	3.1	<1.0	1.0	6010
Copper (Cu)	110	15	43	2.7	12	1400	<2.5	2.5	6010
Lead (Pb)	1300	180	1900	11	9.0	700	<1.0	1.0	6010
Mercury (Hg)*	<0.10	0.36	1.3	<0.10	<0.10	0.18	0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	20	18	16	16	46	20	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	29	26	19	16	30	19	<0.5	0.5	6010
Zinc (Zn)	540	140	210	18	30	580	<10	10	6010
DF	1	1	1	1	1	1	1		

* Mercury analyzed at ATL, 05/28/98 & 05/29/98.

REPORT OF LABORATORY ANALYSIS

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/25/98		05/25/98	05/25/98			
Antimony (Sb)	6010	84	70-130	59**	54**	60-130	8.8	0-25
Arsenic (As)	6010	86	78-104	87	77	34-136	12	0-15
Barium (Ba)	6010	64	81-117	97	86	55-130	12	0-25
Beryllium (Be)	6010	89	70-130	91	80	70-130	13	0-25
Cadmium (Cd)	6010	83	75-104	85	77	73-115	9.9	0-15
Chromium (Cr)	6010	88	81-103	90	77	62-125	16	0-15
Cobalt (Co)	6010	86	70-130	84	79	70-130	6.1	0-25
Copper (Cu)	6010	89	70-130	92	79	70-140	15	0-25
Lead (Pb)	6010	81	76-104	81	76	48-120	6.4	0-30
Mercury (Hg)*	7471	114	76-121	120	108	70-135	11	0-30
Molybdenum (Mo)	6010	98	70-130	85	75	70-130	13	0-25
Nickel (Ni)	6010	85	70-130	89	84	70-130	5.8	0-25
Selenium (Se)	6010	87	79-102	88	78	42-120	12	0-16
Silver (Ag)	6010	98	77-107	99	85	53-115	15	0-19
Thallium (Tl)	6010	85	70-130	82	74	70-130	10	0-25
Vanadium (V)	6010	89	70-130	93	79	70-130	16	0-25
Zinc (Zn)	6010	85	70-130	83	77	70-130	7.5	0-25

* Mercury analyzed at ATL, 05/29/98.
** Sample matrix effect.

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Pace Analytical

PACE ANALYTICAL Project#:980518-07
PACE ANALYTICAL WO#:13246A
Client ID#:575-BC001

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T4-5-5	T4-5-10	T4-4-S	T4-4-3	T4-4-5	T4-4-10		EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	PRL mg/Kg	Method
Date Analyzed:	05/31/98	05/31/98	05/31/98	05/31/98	05/31/98	05/31/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	5.7	<5.0	21	<5.0	5.0	6010
Barium (Ba)	110	15	160	48	360	10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.6	<0.5	2.2	<0.5	0.5	6010
Chromium (Cr)	20	26	27	30	33	24	0.5	6010
Cobalt (Co)	2.4	3.4	14	4.4	5.8	3.6	1.0	6010
Copper (Cu)	23	2.2	27	52	210	3.5	2.5	6010
Lead (Pb)	210	7.2	11	42	3900	4.3	1.0	6010
Mercury (Hg)*	0.15	<0.10	<0.10	0.35	0.43	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	10	14	41	16	21	14	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	9.1	<5.0	26	<5.0	5.0	6010
Vanadium (V)	14	20	25	25	21	20	0.5	6010
Zinc (Zn)	190	16	62	31	670	57	10	6010
DF	1	1	1	1	1	1		

* Mercury analyzed at ATL, 05/28/98 & 05/29/98.

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PACE ANALYTICAL Project#:980516-07
PACE ANALYTICAL WO#:13246A
Client ID#:575-8G001

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T4-3-S	T4-3-3	T4-3-5	T4-3-10	T4-2-S	T4-2-3		EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	PRL mg/Kg	Method
Date Analyzed:	05/31/98	05/31/98	05/31/98	05/31/98	05/31/98	05/31/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barrum (Ba)	190	110	100	11	100	120	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	17	36	40	33	31	36	0.5	6010
Cobalt (Co)	15	8.2	6.4	3.8	6.1	6.4	1.0	6010
Copper (Cu)	24	15	17	2.0	16	24	2.5	6010
Lead (Pb)	10	130	82	1.1	410	230	1.0	6010
Mercury (Hg)*	0.13	0.13	0.67	<0.10	<0.10	0.69	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	32	22	30	15	21	25	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	8.1	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	17	31	34	27	26	29	0.5	6010
Zinc (Zn)	58	120	86	13	74	1100	10	6010
DF	1	1	1	1	1	1		

* Mercury analyzed at AFL, 05/28/98 & 05/29/98.

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PACE ANALYTICAL Project#:980516-07
PACE ANALYTICAL WO#:13246A
Client ID#:575-BG001

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T4-2-5	T4-2-10	T3-2-S	T3-2-3	T3-2-6	T3-1-S		EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	PRL mg/Kg	Method
Date Analyzed:	05/31/98	05/31/98	05/31/98	05/31/98	05/31/98	05/31/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	120	<10	170	98	12	150	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	37	22	25	32	28	31	0.5	6010
Cobalt (Co)	6.6	3.3	11	3.6	3.8	7.8	1.0	6010
Copper (Cu)	47	2.0	33	20	3.3	35	2.5	6010
Lead (Pb)	38	1.9	21	450	4.8	62	1.0	6010
Mercury (Hg)*	0.48	<0.10	0.20	0.84	<0.10	0.20	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	30	14	36	15	16	29	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	5.4	<5.0	8.3	<5.0	<5.0	5.8	5.0	6010
Vanadium (V)	32	19	24	24	24	28	0.5	6010
Zinc (Zn)	68	12	80	300	16	76	10	6010
DF	1	1	1	1	1	1		

* Mercury analyzed at ATL, 05/28/98 & 05/29/98.

REPORT OF LABORATORY ANALYSIS

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Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980510-07
PACE ANALYTICAL WO#:13248A
Client ID#:575-BG001

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T3-1-3	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/31/98	05/31/98		
Analyte				
Antimony (Sb)	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	5.0	6010
Barium (Ba)	22	<10	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.5	6010
Chromium (Cr)	29	<0.5	0.5	6010
Cobalt (Co)	4.0	<1.0	1.0	6010
Copper (Cu)	5.3	<2.5	2.5	6010
Lead (Pb)	32	<1.0	1.0	6010
Mercury (Hg)*	0.23	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	2.5	6010
Nickel (Ni)	18	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	5.0	6010
Vanadium (V)	25	<0.5	0.5	6010
Zinc (Zn)	28	<10	10	6010
DF	1	1		

* Mercury analyzed at ATI,, 05/29/98.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/31/98		05/31/98	05/31/98			
Antimony (Sb)	6010	87	70-130	68	67	60-130	1.5	0-25
Arsenic (As)	6010	87	78-104	75	76	34-136	1.3	0-15
Barium (Ba)	6010	98	81-117	86	93	55-130	7.8	0-25
Beryllium (Be)	6010	89	70-130	78	80	70-130	2.5	0-25
Cadmium (Cd)	6010	86	75-104	73	75	73-115	2.7	0-15
Chromium (Cr)	6010	98	81-103	79	84	62-125	6.1	0-15
Cobalt (Co)	6010	86	70-130	71	78	70-130	9.4	0-25
Copper (Cu)	6010	91	70-130	78	83	70-140	6.2	0-25
Lead (Pb)	6010	82	76-104	67	72	48-120	7.2	0-30
Mercury (Hg)*	7471	112	76-121	120	102	70-135	16	0-30
Molybdenum (Mo)	6010	90	70-130	75	80	70-130	6.5	0-25
Nickel (Ni)	6010	85	70-130	68**	76	70-130	11	0-25
Selenium (Se)	6010	87	79-102	74	77	42-120	4.0	0-15
Silver (Ag)	6010	90	77-107	77	56	53-115	32*	0-19
Thallium (Tl)	6010	87	70-130	70	81	70-130	15	0-25
Vanadium (V)	6010	90	70-130	77	94	70-130	20	0-25
Zinc (Zn)	6010	90	70-130	64*	65*	70-130	1.6	0-25

* Mercury analyzed at ATL, 05/29/98.
** Sample matrix effect.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980516-07
PACE ANALYTICAL WO#:13246A
Client ID#:575-8G001

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T3-1-5	T3-1-10	T3-3-S	T3-3-3	T3-3-5	T3-4-S	PRL	EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Method
Date Analyzed:	05/31/98	05/31/98	05/31/98	05/31/98	05/31/98	05/31/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	5.7	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	430	<10	170	140	140	40	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	31	23	30	45	43	75	0.5	6010
Cobalt (Co)	4.3	3.6	11	11	7.9	7.6	1.0	6010
Copper (Cu)	13	2.1	19	14	17	6.3	2.5	6010
Lead (Pb)	570	1.2	31	82	120	4.4	1.0	6010
Mercury (Hg)*	<0.10	<0.10	0.23	0.36	0.54	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	17	15	48	32	30	51	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	6.5	<5.0	<5.0	5.8	5.0	6010
Vanadium (V)	25	20	29	39	39	46	0.5	6010
Zinc (Zn)	300	12	61	60	86	130	10	6010
DF	1	1	1	1	1	1		

* Mercury analyzed at ATL, 05/28/98 & 05/29/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980516-07
PACE ANALYTICAL WO#:13248A
Client ID#:575-6C001

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T3-4-3	T3-4-5	T3-4-10	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/31/98	05/31/98	05/31/98	05/31/98	05/31/98	
Analyte						
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.7	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	97	160	17	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	27	27	21	<0.5	0.5	6010
Cobalt (Co)	5.5	4.7	2.7	<1.0	1.0	6010
Copper (Cu)	27	36	3.7	<2.5	2.5	6010
Lead (Pb)	310	740	63	<1.0	1.0	6010
Mercury (Hg)*	0.67	1.3	<0.10	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	19	18	12	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	22	22	16	<0.5	0.5	6010
Zinc (Zn)	180	470	44	<10	10	6010
DF	1	1	1	1		

* Mercury analyzed at ATL. 05/28/98 & 05/29/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/31/98		05/31/98	05/31/98			
Antimony (Sb)	6010	88	70-130	67	70	60-130	4.4	0-25
Arsenic (As)	6010	88	78-104	89	93	34-135	7.0	0-15
Barium (Ba)	6010	100	81-117	88	92	55-130	4.4	0-25
Beryllium (Be)	6010	91	70-130	79	83	70-130	4.9	0-25
Cadmium (Cd)	6010	86	75-104	73	77	73-116	5.3	0-15
Chromium (Cr)	6010	90	81-103	74	82	62-125	10	0-15
Cobalt (Co)	6010	87	70-130	71	75	70-130	5.5	0-25
Copper (Cu)	6010	93	70-130	81	87	70-140	7.1	0-25
Lead (Pb)	6010	84	76-104	68	70	48-120	2.9	0-30
Mercury (Hg)*	7471	116	76-121	118	106	70-135	11	0-30
Molybdenum (Mo)	6010	92	70-130	76	81	70-130	6.4	0-25
Nickel (Ni)	6010	86	70-130	69**	74	70-130	7.0	0-25
Selenium (Se)	6010	88	79-102	75	78	42-120	3.9	0-16
Silver (Ag)	6010	89	77-107	76	77	53-116	1.3	0-19
Thallium (Tl)	6010	90	70-130	83	80	70-130	3.7	0-25
Vanadium (V)	6010	92	70-130	74	81	70-130	9.0	0-25
Zinc (Zn)	6010	91	70-130	74	76	70-130	2.7	0-25

* Mercury analyzed at ATL, 05/29/98.
** Sample matrix effect.

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Pace Analytical

PACE ANALYTICAL Project#:980516 07
PACE ANALYTICAL WO#:13245A
Client ID#:575 sG001

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	Petroleum Hydrocarbon Profile	PRL mg/Kg	DF
Client ID:	Analysis Date					
Method Blank	05/24/98	<10			10	1
T5-5-S	05/24/98	<10			10	1
T5-5-3	05/24/98	<10			10	1
T5-5-10	05/24/98	<10			10	1
T4-5-S	05/24/98	<10			10	1
T4-5-10	05/24/98	<10			10	1
T4-4-S	05/24/98	<10			10	1
T4-4-3	05/24/98	<10			10	1
T4-4-5	05/24/98	<10			10	1
T4-4-10	05/24/98	<10			10	1
T4-3-S	05/24/98	<10			10	1
T4-3-3	05/24/98	<10			10	1
T4-3-5	05/24/98	<10			10	1
T4-3-10	05/24/98	<10			10	1
T4-2-S	05/24/98	<10			10	1
T3-3-3	05/25/98	<10			10	1
T3-3-5	05/25/98	<10			10	1
T3-4-S	05/25/98	<10			10	1
T3-4-3	05/25/98	<10			10	1
T3-4-5	05/25/98	<10			10	1
T3-4-10	05/25/98	<10			10	1
T4-2-5	05/25/98	<10			10	1
T4-2-10	05/25/98	<10			10	1
T3-2-S	05/25/98	<10			10	1
T3-2-5	05/25/98	<10			10	1
T3-1-S	05/25/98	<10			10	1
T3-1-3	05/25/98	<10			10	1
T3-1-5	05/25/98	<10			10	1
T3-1-10	05/25/98	<10			10	1
T3-3-S	05/25/98	<10			10	1
T5-5-5	06/03/98	200	C18-C40	Oil	10	1
T4-5-3	06/03/98	590	C20-C40	Oil	10	1
T4-5-5	06/03/98	210	C20-C40	Oil	10	1
T4-2-3	06/03/98	170	C18 C40	Oil	10	1
T3-2-3	06/03/98	100	C20-C40	Oil	10	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/24/98		05/24/98	05/24/98			
TPH-Speciation	112	80-120	129	125	70-130	3.1	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/25/98		05/25/98	05/25/98			
TPH-Speciation	104	80-120	88	95	70-130	7.7	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/25/98		05/25/98	05/25/98			
TPH-Speciation	108	80-120	114	118	70-130	3.4	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/03/98		06/03/98	06/03/98			
TPH-Speciation	95	80-120	88	94	70-130	6.6	0-30

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L		milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Advanced Technology Laboratories

June 3, 1998

ELAP No.: 1838

Pace Analytical
3970 E. Gifman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: 980516-07
Lab No.: 26313-001/026

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report.

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Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 980516-07
Date Received: 05/27/98
Date Sampled: NA

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
26313-001	T5-5-S	EPA 7471 (Mercury)	05/29/98	ND	Soil, mg/kg	0.10	0.10	DJ
26313-002	T5-5-3	EPA 7471 (Mercury)	05/29/98	0.36	Soil, mg/kg	0.10	0.10	DJ
26313-003	T5-5-5	EPA 7471 (Mercury)	05/29/98	1.3	Soil, mg/kg	0.10	0.10	DJ
26313-004	T4-5-S	EPA 7471 (Mercury)	05/29/98	ND	Soil, mg/kg	0.10	0.10	DJ
26313-005	T4-5-3	EPA 7471 (Mercury)	05/29/98	0.18	Soil, mg/kg	0.10	0.10	DJ
26313-006	T4-5-5	EPA 7471 (Mercury)	05/29/98	0.15	Soil, mg/kg	0.10	0.10	DJ
26313-007	T4-4-S	EPA 7471 (Mercury)	05/29/98	ND	Soil, mg/kg	0.10	0.10	DJ
26313-008	T4-4-3	EPA 7471 (Mercury)	05/29/98	0.35	Soil, mg/kg	0.10	0.10	DJ
26313-009	T4-4-5	EPA 7471 (Mercury)	05/29/98	0.43	Soil, mg/kg	0.10	0.10	DJ
26313-010	T4-3-S	EPA 7471 (Mercury)	05/29/98	0.13	Soil, mg/kg	0.10	0.10	DJ
26313-011	T4-3-3	EPA 7471 (Mercury)	05/29/98	0.13	Soil, mg/kg	0.10	0.10	DJ
26313-012	T4-3-5	EPA 7471 (Mercury)	05/29/98	0.67	Soil, mg/kg	0.10	0.10	DJ
26313-013	T4-2-S	EPA 7471 (Mercury)	05/29/98	ND	Soil, mg/kg	0.10	0.10	DJ
26313-014	T4-2-3	EPA 7471 (Mercury)	05/29/98	0.69	Soil, mg/kg	0.10	0.10	DJ
26313-015	T4-2-5	EPA 7471 (Mercury)	05/29/98	0.48	Soil, mg/kg	0.10	0.10	DJ
26313-016	T4-2-10	EPA 7471 (Mercury)	05/29/98	ND	Soil, mg/kg	0.10	0.10	DJ
26313-017	T3-2-S	EPA 7471 (Mercury)	05/29/98	0.20	Soil, mg/kg	0.10	0.10	DJ
26313-018	T3-2-3	EPA 7471 (Mercury)	05/29/98	0.84	Soil, mg/kg	0.10	0.10	DJ
26313-019	T3-1-S	EPA 7471 (Mercury)	06/02/98	0.20	Soil, mg/kg	0.10	0.10	DJ
26313-020	T3-1-3	EPA 7471 (Mercury)	06/02/98	0.23	Soil, mg/kg	0.10	0.10	DJ
26313-021	T3-1-5	EPA 7471 (Mercury)	06/02/98	ND	Soil, mg/kg	0.10	0.10	DJ
26313-022	T3-3-S	EPA 7471 (Mercury)	06/02/98	0.23	Soil, mg/kg	0.10	0.10	DJ
26313-023	T3-3-3	EPA 7471 (Mercury)	06/02/98	0.36	Soil, mg/kg	0.10	0.10	DJ
26313-024	T3-4-S	EPA 7471 (Mercury)	06/02/98	ND	Soil, mg/kg	0.10	0.10	DJ
26313-025	T3-4-3	EPA 7471 (Mercury)	06/02/98	0.67	Soil, mg/kg	0.10	0.10	DJ
26313-026	T3-4-5	EPA 7471 (Mercury)	06/02/98	1.3	Soil, mg/kg	0.10	0.10	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: 6/3/98

Cheryl De Los Reyes
Department Supervisor

The cover letter is an integral part of this analytical report

Spike Recovery and RPD Summary Report

Method: EPA7471
Analyst: CDR/DJ
Data File: 80529-2
QA File: 8150-2

Date Analyzed: 05-29-98
Date Digested: 05-29-98
Sample ID: SEE BELOW
Matrix: SOIL/SOLID

QC Batch Number: HG9805298-2

SPL ID	UNITS	LCS Conc	LCS Rec	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
26312-010	mg/kg	0.50	0.51	102	ND	0.16	ND	*	0.83	0.76	0.81	72	78	63-139	8	30	0.10
26313-009	mg/kg	0.50	0.50	100	ND	0.35	0.23	41	0.83	1.0	1.0	78	78	63-139	0	30	0.10
26313-015	mg/kg	0.50	0.48	96	ND	ND	ND	0	0.83	0.98	0.86	118	104	63-139	13	30	0.10

* =(sample result) is greater than detection limit

Approved by: _____
Cheryl De Los Reyes
Inorganics Supervisor

Date: 6/3/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA7471
Analyst: CDR DJ
Data File: 806002-2
QA File: 8154-2

Date Analyzed: 06-02-98
Date Digested: 06-02-98
Sample ID: 26315-002
Matrix: SOIL/SOLID/LIQUID
QC Batch Number: HG980602S-2

SPL ID	UNITS	LCS Conc	LCS Res	%Rec	METH BLANK	SPL CONC	SPL DUP	%Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	%REC Limit	RPD	RPD Limit	MDL
26315-002	mg/kg	0.50	0.57	114	ND	ND	ND	0	0.83	1.00	0.90	120	108	63-139	11	30	0.10
26316-001	mg/kg	0.50	0.56	112	ND	ND	ND	0	0.83	1.00	0.85	120	102	63-139	16	30	0.10
26316-005	mg/kg	0.50	0.58	116	ND	ND	ND	0	0.83	0.98	0.88	118	106	63-139	11	30	0.10
26310-004	mg/kg	0.50	0.51	102	ND	ND	ND	0	0.83	0.79	0.71	95	86	63-139	11	30	0.10
26310-016	mg/kg	0.50	0.54	108	ND	ND	ND	0	0.83	0.85	0.88	102	106	63-139	3	30	0.10

Approved by:
Cheryl De Los Reyes
Inorganics Supervisor

Date: 6/3/98

Advanced Technology Laboratories

Advanced Technology Laboratories

May 29, 1998 ELAP No : 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Viliafania

Client's Project 980516-07
Lab No. 26278-001/008

Gentlemen,

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of our Laboratory's name for advertising or publicity purposes without our prior written approval is

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 980516-07

Date Received: 05/26/98
Date Sampled: NA

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
26278-001	T5-5-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26278-002	T4-5-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26278-003	T4-4-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26278-004	T4-3-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26278-005	T3-2-5	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26278-006	T3-1-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26278-007	T3-3-5	EPA 7471 (Mercury)	05/28/98	0.54	Soil, mg/kg	0.10	0.10	DJ
26278-008	T3-4-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____
Cheryl De Los Reyes
Department Supervisor

Date: 6/2/98

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report

Method: EPA7471
Analyst: CDR/DJ
Data File: 80528-1
QA File: 8149-1

Date Analyzed: 05-28-98
Date Digested: 05-28-98
Sample ID: see below
Matrix: SOIL SOLID
QC Batch Number: HG980528S-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
26278-002	mg/kg	0.50	0.53	106	ND	ND	ND	0	0.83	1.00	0.96	120	116	63-139	4	30	0.10
26280-004	mg/kg	0.50	0.44	88	ND	ND	ND	0	0.83	0.88	0.86	106	104	63-139	2	30	0.10
26279-006	mg/kg	0.50	0.46	92	ND	ND	ND	0	0.83	0.89	0.96	107	116	63-139	8	30	0.10
26281-007	mg/kg	0.50	0.55	110	ND	ND	ND	0	0.83	1.00	1.00	120	120	63-139	0	30	0.10

Approved by: Cheryl De Las Reyes
Inorganics Supervisor

Date: 5/29/98

Advanced Technology Laboratories

Pace Analytical

Sub - Att'n:
ATTN: MINDY

423663

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical
Address: 3970 Gilman
Long Beach, CA 90815
Phone: 498-9515

Report To: Richard
Bill To:
P.O. # / Billing Reference:
Project Name / No.:

Turn around Time
- [ ] 24 Hours
- [x] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.: 980516-07
*Requested Due Date:

Sampled By (PRINT):
Sampler Signature:
Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Hg	REMARKS
1	T5-5-10		SOIL								X	
2	T4-5-10										X	
3	T4-4-10										X	
4	T4-3-10										X	
5	T3-2-5										X	
6	T3-1-10										X	
7	T3-3-5										X	
8	T3-4-10										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	[illegible]	5/26/98		Diane Bellman/ATL	5-28-98	1450

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8 97

Advanced Technology Laboratories

May 29, 1998

ELAP No.: 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: 980516-07
Lab No.: 26278-001/008

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

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Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 980516-07

Date Received: 05/26/98
Date Sampled: NA

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
26278-001	T5-5-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26278-002	T4-5-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26278-003	T4-4-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26278-004	T4-3-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26278-005	T3-2-5	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26278-006	T3-1-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26278-007	T3-3-5	EPA 7471 (Mercury)	05/28/98	0.54	Soil, mg/kg	0.10	0.10	DJ
26278-008	T3-4-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: Cheryl De Los Reyes
Cheryl De Los Reyes
Department Supervisor

Date: 6/10/98

The cover letter is an integral part of the analytical report

Spike Recovery and RPD Summary Report

Method: EPA7471
Analyst: CDR/DJ
Data File: 80528-1
QA File: 8149-1

Date Analyzed: 05-28-98
Date Digested: 05-28-98
Sample ID: see below
Matrix: SOIL/SOLID
QC Batch Number: HG980528S-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
26278-002	mg/kg	0.50	0.53	106	ND	ND	ND	0	0.83	1.00	0.96	120	116	63-139	4	30	0.10
26280-004	mg/kg	0.50	0.44	88	ND	ND	ND	0	0.83	0.88	0.86	106	104	63-139	2	30	0.10
26279-006	mg/kg	0.50	0.46	92	ND	ND	ND	0	0.83	0.89	0.96	107	116	63-139	8	30	0.10
26281-007	mg/kg	0.50	0.55	110	ND	ND	ND	0	0.83	1.00	1.00	120	120	63-139	0	30	0.10

Approved by: Cheryl De Los Reyes
Inorganics Supervisor

Date: 5/29/98

Advanced Technology Laboratories

Pace Analytical

ATTN: Mindy

423663

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical	Report To: Richard	Turn around Time: [ ] 24 Hours [X] 48 Hours [ ] 3-5 Days [ ] 1 Week [ ] 2 Weeks [ ] Normal 14 Days	Pace Client No.
Address: 3970 Gilman Long Beach, CA 90815	Bill To:		Pace Project Manager
Phone: 498-9515	P.O. # / Billing Reference		Pace Project No. 980516-07
	Project Name / No		*Requested Due Date

Sampled By (PRINT):

Sampler Signature | Date Sampled

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: BTEX	REMARKS
T5-5-10		SOIL								X	
T4-5-10										X	
T4-4-10										X	
T4-3-10										X	
T3-2-5										X	
T3-1-10										X	
T3-3-5										X	
T3-4-10										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	[illegible]	5/26/98		Diane Balvan/ATL	5.26.98	1450

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

June 4, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107479
Client Project ID: 980516-07

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full

Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10544516 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: TS-5-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270				Prep Method: EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	05/23/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	05/23/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	05/23/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	05/23/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	05/23/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	05/23/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	05/23/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	05/23/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	05/23/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	05/23/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	05/23/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	05/23/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	05/23/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	05/23/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	05/23/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	05/23/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	05/23/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	05/23/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	05/23/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	05/23/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	05/23/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	05/23/98	SAC	59-50-7		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644516
Client Sample ID: T5-5-10

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	05/23/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	05/23/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	05/23/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	05/23/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	05/23/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	05/23/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	05/23/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	05/23/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	05/23/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	05/23/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	05/23/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	05/23/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	05/23/98	SAC	207-08-9		U
Benzoic Acid	trace	ug/kg	1600	*	05/23/98	SAC	65-85-0	1	J
Benzyl Alcohol	ND	ug/kg	660	*	05/23/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	05/23/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	05/23/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	05/23/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	05/23/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	05/23/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	05/23/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	05/23/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	05/23/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	05/23/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617 6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644516 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T5-8-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	05/23/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	05/23/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	05/23/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	05/23/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	05/23/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	05/23/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	05/23/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	05/23/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	05/23/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	05/23/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	05/23/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	05/23/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	05/23/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	05/23/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	05/23/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	05/23/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	05/23/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	05/23/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	05/23/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	80	%		*	05/23/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	91	%		*	05/23/98	SAC	321-60-8		
2-Fluorophenol (S)	35	%		*	05/23/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	73	%		*	05/23/98	SAC	4165-60-0		
Phenol-d6 (S)	62	%		*	05/23/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel. 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644516 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T5-5-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	77	%		*	05/23/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-0400
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Pace Analytical

Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644524 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-5-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2 Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644524
Client Sample ID: T4-5-10

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644524 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-5-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Client Project ID: 980516-07

Pace Sample No.: 10644524 Date Collectnd: 05/15/98 Matrix: Soil
Client Sample ID: T4-5-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	110	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	98	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644565 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-2-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644565 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-2-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644557 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	*	05/22/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/22/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/22/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/22/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/22/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/22/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	*	05/22/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	113	%		*	05/22/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	131	%		*	05/22/98	SAC	877-09-8		
Date Extracted	05/21/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644557 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10044557 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/21/98	SAC	67-64-1	t	J
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

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Pace Project Number: 107479
Client Project ID: 980515-07

Pace Sample No.: 10644557 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

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Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10544557 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	114	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	98	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107479
Client Project ID: 980518-07

Pace Sample No.: 10644555 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-2-6 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

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Client Project ID: 980516-07

Pace Sample No.: 10844565 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-2-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	116	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644573 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-1-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	370	*	05/23/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	370	*	05/23/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	370	*	05/23/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	370	*	05/23/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	370	*	05/23/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	370	*	05/23/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	370	*	05/23/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	370	*	05/23/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1800	*	05/23/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	370	*	05/23/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	370	*	05/23/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	370	*	05/23/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	370	*	05/23/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	370	*	05/23/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	370	*	05/23/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1800	*	05/23/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	370	*	05/23/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	750	*	05/23/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1800	*	05/23/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1800	*	05/23/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	370	*	05/23/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	750	*	05/23/98	SAC	59-50-7		U

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Pace Project Number: 10747 9
Client Project ID: 980516-07

Pace Sample No.: 10644573
Client Sample ID: T3-1-10

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	750	*	05/23/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	370	*	05/23/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	370	*	05/23/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1800	*	05/23/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1800	*	05/23/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	370	*	05/23/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	370	*	05/23/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	370	*	05/23/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	370	*	05/23/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	370	*	05/23/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	370	*	05/23/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	370	*	05/23/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	370	*	05/23/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1800	*	05/23/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	750	*	05/23/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	370	*	05/23/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	370	*	05/23/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	370	*	05/23/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	370	*	05/23/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	370	*	05/23/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	370	*	05/23/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	370	*	05/23/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	370	*	05/23/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	370	*	05/23/98	SAC	53-70-3		U

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Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10844573 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-1-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	370	*	05/23/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	370	*	05/23/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	370	*	05/23/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	370	*	05/23/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	370	*	05/23/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	370	*	05/23/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	370	*	05/23/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	370	*	05/23/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	370	*	05/23/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370	*	05/23/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	370	*	05/23/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	370	*	05/23/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	370	*	05/23/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	370	*	05/23/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	370	*	05/23/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1800	*	05/23/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	370	*	05/23/98	SAC	85-01-8		U
Phenol	ND	ug/kg	370	*	05/23/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	370	*	05/23/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	16	%		*	05/23/98	SAC	118-79-6	2,3	
2-Fluorobiphenyl (S)	20	%		*	05/23/98	SAC	321-60-8	2	
2-Fluorophenol (S)	3	%		*	05/23/98	SAC	367-12-4	2	
Nitrobenzene-d5 (S)	15	%		*	05/23/98	SAC	4165-60-0	2	
Phenol-d6 (S)	9	%		*	05/23/98	SAC	13127-88-3	2	

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Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644573 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-1-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	18	%		*	05/23/98	SAC	1718-51-0	2	
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	**ND**								

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Client Project ID: 980516-07

Pace Sample No.: 10644581 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-3-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	410	*	05/23/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	410	*	05/23/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	410	*	05/23/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	410	*	05/23/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	410	*	05/23/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	410	*	05/23/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	410	*	05/23/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	410	*	05/23/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	2000	*	05/23/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	410	*	05/23/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	410	*	05/23/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	410	*	05/23/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	410	*	05/23/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	410	*	05/23/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	410	*	05/23/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	2000	*	05/23/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	410	*	05/23/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	830	*	05/23/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	2000	*	05/23/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	2000	*	05/23/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	410	*	05/23/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	830	*	05/23/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10844581 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-3-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	830	*	05/23/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	410	*	05/23/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	410	*	05/23/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	2000	*	05/23/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	2000	*	05/23/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	410	*	05/23/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	410	*	05/23/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	410	*	05/23/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	410	*	05/23/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	410	*	05/23/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	410	*	05/23/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	410	*	05/23/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	410	*	05/23/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	2000	*	05/23/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	830	*	05/23/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	410	*	05/23/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	410	*	05/23/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	410	*	05/23/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	410	*	05/23/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	410	*	05/23/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	410	*	05/23/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	410	*	05/23/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	410	*	05/23/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	410	*	05/23/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Pace Analytical

Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644581 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-3-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	410	*	05/23/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	410	*	05/23/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	410	*	05/23/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	410	*	05/23/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	410	*	05/23/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	410	*	05/23/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	410	*	05/23/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	410	*	05/23/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	410	*	05/23/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	410	*	05/23/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	410	*	05/23/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	410	*	05/23/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	410	*	05/23/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	410	*	05/23/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	410	*	05/23/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	2000	*	05/23/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	410	*	05/23/98	SAC	85-01-8		U
Phenol	450	ug/kg	410	*	05/23/98	SAC	108-95-2		
Pyrene	ND	ug/kg	410	*	05/23/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	68	%		*	05/23/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	96	%		*	05/23/98	SAC	321-60-8		
2-Fluorophenol (S)	34	%		*	05/23/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	76	%		*	05/23/98	SAC	4165-60-0		
Phenol-d6 (S)	64	%		*	05/23/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644581 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-3-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	87	%		*	05/23/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	**450**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107479
Client Project ID: 980515-07

Pace Sample No.: 10644631
Client Sample ID: T4-4-10

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	05/23/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	05/23/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	05/23/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	05/23/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	05/23/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	05/23/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	05/23/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	05/23/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	05/23/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	05/23/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	05/23/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	05/23/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	05/23/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	05/23/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	05/23/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	05/23/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	05/23/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	05/23/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	05/23/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	05/23/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	05/23/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	05/23/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107479
Client Project ID: 980515-07

Pace Sample No.: 10644631 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-4-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	05/23/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	05/23/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	05/23/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	05/23/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	05/23/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	05/23/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	05/23/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	05/23/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	05/23/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	05/23/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	05/23/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	05/23/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	05/23/98	SAC	207-08-9		U
Benzoic Acid	trace	ug/kg	1600	*	05/23/98	SAC	65-85-0	1	J
Benzyl Alcohol	ND	ug/kg	660	*	05/23/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	05/23/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	05/23/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	05/23/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	05/23/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	05/23/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	05/23/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	05/23/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	05/23/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	05/23/98	SAC	53-70-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107479
Client Project ID: 980515-07

Pace Sample No.: 10644631
Client Sample ID: T4-4-10

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	05/23/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	05/23/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	05/23/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	05/23/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	05/23/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	05/23/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	05/23/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	05/23/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	05/23/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	05/23/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	05/23/98	SAC	78-59-1		U
N-Nitroso-di-n propylamine	ND	ug/kg	330	*	05/23/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	05/23/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	05/23/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	05/23/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	05/23/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	05/23/98	SAC	85-01-8		U
Phenol	330	ug/kg	330	*	05/23/98	SAC	108-95-2		
Pyrene	ND	ug/kg	330	*	05/23/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	64	%		*	05/23/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	80	%		*	05/23/98	SAC	321-60-8		
2-Fluorophenol (S)	22	%		*	05/23/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	62	%		*	05/23/98	SAC	4165-60-0		
Phenol-d6 (S)	46	%		*	05/23/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644631 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-4-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	75	%		*	05/23/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	330								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644656 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-4-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/21/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/21/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/21/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/21/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/21/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/21/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644656
Client Sample ID: T3-4-10

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/21/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/21/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/21/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/21/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/21/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/21/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/21/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/21/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/21/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/21/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/21/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/21/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/21/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/21/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/21/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/21/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/21/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 10747S
Client Project ID: 980516-07

Pace Sample No.: 10644656 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-4-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/21/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/21/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/21/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/21/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/21/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/21/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/21/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/21/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/21/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/21/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/21/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/21/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/21/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/21/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/21/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/21/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/21/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/21/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/21/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/21/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/21/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107479
Client Project ID: 980516-07

Pace Sample No.: 10644656 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-4-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/21/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/21/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	116	%		*	05/21/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/21/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/21/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/21/98	SAC	2037-26-5		
Total EPA 8260	**ND**								

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Pace Project Number: 107479
Client Project ID: 980516-07

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[2]	The surrogate and/or spike recovery was outside acceptance limits.
[3]	Insufficient sample remaining to reextract.

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June 4, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107482
Client Project ID: 980516-07

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644698 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T5-5-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	370	*	05/29/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	370	*	05/29/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	370	*	05/29/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	370	*	05/29/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	370	*	05/29/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	370	*	05/29/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	370	*	05/29/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	370	*	05/29/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1800	*	05/29/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	370	*	05/29/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	370	*	05/29/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	370	*	05/29/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	370	*	05/29/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	370	*	05/29/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	370	*	05/29/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1800	*	05/29/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	370	*	05/29/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	740	*	05/29/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1800	*	05/29/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1800	*	05/29/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	370	*	05/29/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	740	*	05/29/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644698
Client Sample ID: T5-5-SURR

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	740	*	05/29/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	370	*	05/29/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	370	*	05/29/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1800	*	05/29/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1800	*	05/29/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	370	*	05/29/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	370	*	05/29/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	370	*	05/29/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	370	*	05/29/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	370	*	05/29/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	trace	ug/kg	370	*	05/29/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	ND	ug/kg	370	*	05/29/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	370	*	05/29/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1800	*	05/29/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	740	*	05/29/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	370	*	05/29/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	370	*	05/29/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	370	*	05/29/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	530	ug/kg	370	*	05/29/98	SAC	117-81-7		
Butylbenzylphthalate	ND	ug/kg	370	*	05/29/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	370	*	05/29/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	370	*	05/29/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	370	*	05/29/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	370	*	05/29/98	SAC	53-70-3		U

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644698 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T5-5-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	370	*	05/29/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	370	*	05/29/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	370	*	05/29/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	370	*	05/29/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	370	*	05/29/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	370	*	05/29/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	370	*	05/29/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	370	*	05/29/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	370	*	05/29/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370	*	05/29/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	370	*	05/29/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	370	*	05/29/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	370	*	05/29/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	370	*	05/29/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	370	*	05/29/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1800	*	05/29/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	370	*	05/29/98	SAC	85-01-8		U
Phenol	ND	ug/kg	370	*	05/29/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	370	*	05/29/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	73	%		*	05/29/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	59	%		*	05/29/98	SAC	321-60-8		
2-Fluorophenol (S)	58	%		*	05/29/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	55	%		*	05/29/98	SAC	4165-60-0		
Phenol-d6 (S)	56	%		*	05/29/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644698 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: TS-5-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	84	%		*	05/29/98	SAC	1718-51-0		
Date Extracted	05/21/98			*		SAC			
Total EPA 8270	530								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644706 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: TS-6-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS -- Semi-VOA	Method: EPA 8270				Prep Method: EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	350	*	05/29/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	350	*	05/29/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	350	*	05/29/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	350	*	05/29/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	350	*	05/29/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	350	*	05/29/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	350	*	05/29/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	350	*	05/29/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1700	*	05/29/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	350	*	05/29/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	350	*	05/29/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	350	*	05/29/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	350	*	05/29/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	350	*	05/29/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	350	*	05/29/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1700	*	05/29/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	350	*	05/29/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	700	*	05/29/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1700	*	05/29/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1700	*	05/29/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	350	*	05/29/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	700	*	05/29/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644706 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T5-5-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	700	*	05/29/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	350	*	05/29/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	350	*	05/29/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1700	*	05/29/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1700	*	05/29/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	350	*	05/29/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	350	*	05/29/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	350	*	05/29/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	350	*	05/29/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	350	*	05/29/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	350	*	05/29/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	350	*	05/29/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	350	*	05/29/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1700	*	05/29/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	700	*	05/29/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	350	*	05/29/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	350	*	05/29/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	350	*	05/29/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	350	*	05/29/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	350	*	05/29/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	350	*	05/29/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	350	*	05/29/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	350	*	05/29/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	350	*	05/29/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644706 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T5-5-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	350	*	05/29/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	350	*	05/29/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	350	*	05/29/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	350	*	05/29/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	350	*	05/29/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	350	*	05/29/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	350	*	05/29/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	350	*	05/29/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	350	*	05/29/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	350	*	05/29/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	350	*	05/29/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	350	*	05/29/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	350	*	05/29/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	350	*	05/29/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	350	*	05/29/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1700	*	05/29/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	350	*	05/29/98	SAC	85-01-8		U
Phenol	trace	ug/kg	350	*	05/29/98	SAC	108-95-2	1	J
Pyrene	ND	ug/kg	350	*	05/29/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	82	%		*	05/29/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	77	%		*	05/29/98	SAC	321-60-8		
2-Fluorophenol (S)	70	%		*	05/29/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	69	%		*	05/29/98	SAC	4165-60-0		
Phenol-d5 (S)	71	%		*	05/29/98	SAC	13127-88-3		

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644706 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T5-5-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	99	%		*	05/29/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107482
Client Project ID: 980518-07

Pace Sample No.: 10644714 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: TS-5-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	400	*	05/29/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	400	*	05/29/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	400	*	05/29/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	400	*	05/29/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	400	*	05/29/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	400	*	05/29/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	400	*	05/29/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	400	*	05/29/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1900	*	05/29/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	400	*	05/29/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	400	*	05/29/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	400	*	05/29/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	400	*	05/29/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	400	*	05/29/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	400	*	05/29/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1900	*	05/29/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	400	*	05/29/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	800	*	05/29/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1900	*	05/29/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1900	*	05/29/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	400	*	05/29/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	800	*	05/29/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980518-07

Pace Sample No.: 10644714 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T5-5-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	800	*	05/29/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	400	*	05/29/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	400	*	05/29/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1900	*	05/29/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1900	*	05/29/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	400	*	05/29/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	400	*	05/29/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	400	*	05/29/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	400	*	05/29/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	400	*	05/29/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	400	*	05/29/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	400	*	05/29/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	400	*	05/29/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1900	*	05/29/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	800	*	05/29/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	400	*	05/29/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	400	*	05/29/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	400	*	05/29/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	400	*	05/29/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	400	*	05/29/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	400	*	05/29/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	400	*	05/29/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	400	*	05/29/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	400	*	05/29/98	SAC	53-70-3		U

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644714 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T5-5-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	400	*	05/29/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	400	*	05/29/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	400	*	05/29/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	400	*	05/29/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	400	*	05/29/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	400	*	05/29/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	400	*	05/29/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	400	*	05/29/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	400	*	05/29/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	400	*	05/29/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	400	*	05/29/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	400	*	05/29/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	400	*	05/29/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	400	*	05/29/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	400	*	05/29/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1900	*	05/29/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	400	*	05/29/98	SAC	85-01-8		U
Phenol	trace	ug/kg	400	*	05/29/98	SAC	108-95-2	1	J
Pyrene	ND	ug/kg	400	*	05/29/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	79	%		*	05/29/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	85	%		*	05/29/98	SAC	321-60-8		
2-Fluorophenol (S)	76	%		*	05/29/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	78	%		*	05/29/98	SAC	4165-60-0		
Phenol-d6 (S)	70	%		*	05/29/98	SAC	13127-88-3		

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644714 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T5-5-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	108	%		*	05/29/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644722 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-5-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644722 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-5-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/27/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644722 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-5-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644722 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-5-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/27/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980515-07

Pace Sample No.: 10644730 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-5-3 Date Received: 05/19/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644730 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-5-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/27/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644730 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-S-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644730 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-5-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/27/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644748 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-5-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980515-07

Pace Sample No.: 10644748 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-S-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/27/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980515-07

Pace Sample No.: 10644748 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-5-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644749 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-5-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/27/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	102	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644755 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-4-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	370	*	05/30/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	370	*	05/30/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	370	*	05/30/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	370	*	05/30/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	370	*	05/30/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	370	*	05/30/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	370	*	05/30/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	370	*	05/30/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1800	*	05/30/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	370	*	05/30/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	370	*	05/30/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	370	*	05/30/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	370	*	05/30/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	370	*	05/30/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	370	*	05/30/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1800	*	05/30/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	370	*	05/30/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	730	*	05/30/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1800	*	05/30/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1800	*	05/30/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	370	*	05/30/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	730	*	05/30/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644755 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-4-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	730	*	05/30/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	370	*	05/30/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	370	*	05/30/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1800	*	05/30/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1800	*	05/30/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	370	*	05/30/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	370	*	05/30/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	370	*	05/30/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	370	*	05/30/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	370	*	05/30/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	370	*	05/30/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	370	*	05/30/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	370	*	05/30/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1800	*	05/30/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	730	*	05/30/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	370	*	05/30/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	370	*	05/30/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	370	*	05/30/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	370	*	05/30/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	370	*	05/30/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	370	*	05/30/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	370	*	05/30/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	370	*	05/30/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	370	*	05/30/98	SAC	53-70-3		U

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644755
Client Sample ID: T4-4-SURR
Date Collected: 05/15/98
Date Received: 05/19/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	370	*	05/30/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	370	*	05/30/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	370	*	05/30/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	370	*	05/30/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	370	*	05/30/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	370	*	05/30/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	370	*	05/30/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	370	*	05/30/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	370	*	05/30/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370	*	05/30/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	370	*	05/30/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	370	*	05/30/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	370	*	05/30/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	370	*	05/30/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	370	*	05/30/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1800	*	05/30/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	370	*	05/30/98	SAC	85-01-8		U
Phenol	ND	ug/kg	370	*	05/30/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	370	*	05/30/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	83	%		*	05/30/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	78	%		*	05/30/98	SAC	321-60-8		
2-Fluorophenol (S)	80	%		*	05/30/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	75	%		*	05/30/98	SAC	4165-60-0		
Phenol-d6 (S)	72	%		*	05/30/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644755 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-4-SURR Date Received: 05/18/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	90	%		*	05/30/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 10/482
Client Project ID: 980516-07

Pace Sample No.: 10644763 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-4-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS -- Soml-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	380	*	05/29/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	380	*	05/29/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	380	*	05/29/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	380	*	05/29/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	380	*	05/29/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	380	*	05/29/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	380	*	05/29/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	380	*	05/29/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1800	*	05/29/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	380	*	05/29/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	380	*	05/29/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	380	*	05/29/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	380	*	05/29/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	380	*	05/29/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	380	*	05/29/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1800	*	05/29/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	380	*	05/29/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	750	*	05/29/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1800	*	05/29/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1800	*	05/29/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	380	*	05/29/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	750	*	05/29/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644763 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-4-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	750	*	05/29/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	380	*	05/29/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	380	*	05/29/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1800	*	05/29/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1800	*	05/29/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	380	*	05/29/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	380	*	05/29/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	380	*	05/29/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	380	*	05/29/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	380	*	05/29/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	380	*	05/29/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	380	*	05/29/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	380	*	05/29/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1800	*	05/29/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	750	*	05/29/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	380	*	05/29/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	380	*	05/29/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	380	*	05/29/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	380	*	05/29/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	380	*	05/29/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	380	*	05/29/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	380	*	05/29/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	380	*	05/29/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	380	*	05/29/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980515-07

Pace Sample No.: 10644763 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-4-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	380	*	05/29/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	380	*	05/29/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	380	*	05/29/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	380	*	05/29/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	380	*	05/29/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	380	*	05/29/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	380	*	05/29/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	380	*	05/29/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	380	*	05/29/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	380	*	05/29/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	380	*	05/29/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	380	*	05/29/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	380	*	05/29/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	380	*	05/29/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	380	*	05/29/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1800	*	05/29/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	380	*	05/29/98	SAC	85-01-8		U
Phenol	ND	ug/kg	380	*	05/29/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	380	*	05/29/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	31	%		*	05/29/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	31	%		*	05/29/98	SAC	321-60-8	2	
2-Fluorophenol (S)	41	%		*	05/29/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	20	%		*	05/29/98	SAC	4165-60-0	2	
Phenol-d6 (S)	14	%		*	05/29/98	SAC	13127-88-3	2	

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Pace Project Number: 107482
Client Project ID: 980518-07

Pace Sample No.: 10644763 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-4-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	51	%		*	05/29/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980518-07

Pace Sample No.: 10644771 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-1-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	05/29/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	05/29/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	05/29/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	05/29/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	05/29/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	05/29/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	05/29/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	05/29/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	05/29/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	05/29/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	05/29/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	05/29/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	05/29/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	05/29/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	05/29/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	05/29/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	05/29/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	05/29/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	05/29/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	05/29/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	05/29/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	05/29/98	SAC	59-50-7		U

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644771 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-4-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	05/29/98	SAC	106-47-8		U
4-Chlorophonyl-phenylether	ND	ug/kg	330	*	05/29/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	05/29/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	05/29/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	05/29/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	05/29/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	05/29/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	05/29/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	05/29/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	05/29/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	05/29/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	05/29/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	05/29/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	05/29/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	05/29/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	05/29/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	05/29/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	05/29/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	05/29/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	05/29/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	05/29/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	05/29/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	05/29/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	05/29/98	SAC	53-70-3		U

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Pace Project Number: 107482
Client Project ID: 980518-07

Pace Sample No.: 10644771 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-4-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	05/29/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	05/29/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	05/29/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	05/29/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	05/29/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	05/29/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	05/29/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	05/29/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	05/29/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	05/29/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	05/29/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	05/29/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	05/29/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	05/29/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	05/29/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	05/29/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	05/29/98	SAC	85-01-8		U
Phenol	trace	ug/kg	330	*	05/29/98	SAC	108-95-2	1	J
Pyrene	ND	ug/kg	330	*	05/29/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	88	%		*	05/29/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	74	%		*	05/29/98	SAC	321-60-8		
2-Fluorophenol (S)	70	%		*	05/29/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	66	%		*	05/29/98	SAC	4165-60-0		
Phenol-d6 (S)	72	%		*	05/29/98	SAC	13127-88-3		

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644771 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-4-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	95	%		*	05/29/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644789 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.052	*	05/29/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.052	*	05/29/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.052	*	05/29/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.052	*	05/29/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.052	*	05/29/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.052	*	05/29/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.052	*	05/29/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	98	%		*	05/29/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	101	%		*	05/29/98	SAC	877-09-8		
Date Extracted	05/28/98			*		SAC			
Total EPA 8080	ND								

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Pace Sample No.: 10644789 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644789 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/27/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644789 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644789 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/27/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10544797 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.045	*	05/29/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.045	*	05/29/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.045	*	05/29/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.045	*	05/29/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.045	*	05/29/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.045	*	05/29/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.045	*	05/29/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	104	%		*	05/29/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	111	%		*	05/29/98	SAC	877-09-8		
Date Extracted	05/28/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644797 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644797
Client Sample ID: T4-3-3
Date Collected: 05/15/98
Date Received: 05/19/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/27/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644797 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7916-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644797 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/27/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10044805 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-6 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.051	*	05/30/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.051	*	05/30/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.051	*	05/30/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.051	*	05/30/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.051	*	05/30/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.051	*	05/30/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.051	*	05/30/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	85	%		*	05/30/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	90	%		*	05/30/98	SAC	877-09-8		
Date Extracted	05/28/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980518-07

Pace Sample No.: 10644805 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 06/10/98
PAGE: 50

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644805 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/28/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980515-07

Pace Sample No.: 10644805 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-6 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/28/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/28/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/28/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107462
Client Project ID: 980515-07

Pace Sample No.: 10644805 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-3-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	114	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/28/98	SAC	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980616-07

Pace Sample No.: 10644813 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-2-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	380	*	05/29/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	380	*	05/29/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	380	*	05/29/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	380	*	05/29/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	380	*	05/29/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	380	*	05/29/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	380	*	05/29/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	380	*	05/29/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1800	*	05/29/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	380	*	05/29/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	380	*	05/29/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	380	*	05/29/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	380	*	05/29/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	380	*	05/29/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	380	*	05/29/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1800	*	05/29/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	380	*	05/29/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	760	*	05/29/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1800	*	05/29/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1800	*	05/29/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	380	*	05/29/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	760	*	05/29/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107462
Client Project ID: 980518-07

Pace Sample No.: 10644813 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-2-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	760	*	05/29/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	380	*	05/29/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	380	*	05/29/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1800	*	05/29/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1800	*	05/29/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	380	*	05/29/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	380	*	05/29/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	380	*	05/29/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	380	*	05/29/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	380	*	05/29/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	380	*	05/29/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	380	*	05/29/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	380	*	05/29/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1800	*	05/29/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	760	*	05/29/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	380	*	05/29/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	380	*	05/29/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	380	*	05/29/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	380	*	05/29/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	380	*	05/29/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	380	*	05/29/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	380	*	05/29/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	380	*	05/29/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	380	*	05/29/98	SAC	53-70-3		U

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Pace Project Number: 107482
Client Project ID: 980518-07

Pace Sample No.: 10644813 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-2-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	380	*	05/29/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	380	*	05/29/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	380	*	05/29/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	380	*	05/29/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	380	*	05/29/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	380	*	05/29/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	380	*	05/29/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	380	*	05/29/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	380	*	05/29/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	380	*	05/29/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	380	*	05/29/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	380	*	05/29/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	380	*	05/29/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	380	*	05/29/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	380	*	05/29/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1800	*	05/29/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	380	*	05/29/98	SAC	85-01-8		U
Phenol	trace	ug/kg	380	*	05/29/98	SAC	108-95-2	1	J
Pyrene	ND	ug/kg	380	*	05/29/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	93	%		*	05/29/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	82	%		*	05/29/98	SAC	321-60-8		
2-Fluorophenol (S)	76	%		*	05/29/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	76	%		*	05/29/98	SAC	4165-60-0		
Phenol-d6 (S)	71	%		*	05/29/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Pace Project Number: 107492
Client Project ID: 980516-07

Pace Sample No.: 10644813 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-2-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	102	%		*	05/29/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644821 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-2-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	490	*	05/30/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	490	*	05/30/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	490	*	05/30/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	490	*	05/30/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	490	*	05/30/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	490	*	05/30/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	490	*	05/30/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	490	*	05/30/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	2400	*	05/30/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	490	*	05/30/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	490	*	05/30/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	490	*	05/30/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	490	*	05/30/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	490	*	05/30/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	490	*	05/30/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	2400	*	05/30/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	490	*	05/30/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	980	*	05/30/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	2400	*	05/30/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	2400	*	05/30/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	490	*	05/30/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	980	*	05/30/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644821 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-2-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	980	*	05/30/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	490	*	05/30/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	490	*	05/30/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	2400	*	05/30/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	2400	*	05/30/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	490	*	05/30/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	490	*	05/30/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	490	*	05/30/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	490	*	05/30/98	SAC	56-55-3	1	J
Benzo(a)pyrene	770	ug/kg	490	*	05/30/98	SAC	50-32-8		
Benzo(b)fluoranthene	900	ug/kg	490	*	05/30/98	SAC	205-99-2		
Benzo(g,h,i)perylene	490	ug/kg	490	*	05/30/98	SAC	191-24-2		
Benzo(k)fluoranthene	trace	ug/kg	490	*	05/30/98	SAC	207-08-9	1	J
Benzoic Acid	ND	ug/kg	2400	*	05/30/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	980	*	05/30/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	490	*	05/30/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	490	*	05/30/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	490	*	05/30/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	490	*	05/30/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	490	*	05/30/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	490	*	05/30/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	490	*	05/30/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	490	*	05/30/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	490	*	05/30/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644821 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-2-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	490	*	05/30/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	490	*	05/30/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	490	*	05/30/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	490	*	05/30/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	490	*	05/30/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	490	*	05/30/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	490	*	05/30/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	490	*	05/30/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	490	*	05/30/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	490	*	05/30/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	490	*	05/30/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	490	*	05/30/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	490	*	05/30/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	490	*	05/30/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	490	*	05/30/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	2400	*	05/30/98	SAC	87-86-5		U
Phenanthrene	520	ug/kg	490	*	05/30/98	SAC	85-01-8		
Phenol	ND	ug/kg	490	*	05/30/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	490	*	05/30/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	85	%		*	05/30/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	79	%		*	05/30/98	SAC	321-60-8		
2-Fluorophenol (S)	68	%		*	05/30/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	71	%		*	05/30/98	SAC	4165-60-0		
Phenol-d6 (S)	69	%		*	05/30/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980518-07

Pace Sample No.: 10844821 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-2-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	107	%		*	05/30/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	**2680**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

DATE: 06/10/98
PAGE: 61

Pace Project Number: 107482
Client Project ID: 980518-07

Pace Sample No.: 10644839 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-2-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	470	*	05/29/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	470	*	05/29/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	470	*	05/29/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	470	*	05/29/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	470	*	05/29/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	470	*	05/29/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	470	*	05/29/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	470	*	05/29/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	2300	*	05/29/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	470	*	05/29/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	470	*	05/29/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	470	*	05/29/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	470	*	05/29/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	470	*	05/29/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	470	*	05/29/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	2300	*	05/29/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	470	*	05/29/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	940	*	05/29/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	2300	*	05/29/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	2300	*	05/29/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	470	*	05/29/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	940	*	05/29/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644839 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-2-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	940	*	05/29/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	470	*	05/29/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	470	*	05/29/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	2300	*	05/29/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	2300	*	05/29/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	470	*	05/29/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	470	*	05/29/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	470	*	05/29/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	470	*	05/29/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	470	*	05/29/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	470	*	05/29/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	470	*	05/29/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	470	*	05/29/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	2300	*	05/29/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	940	*	05/29/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	470	*	05/29/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	470	*	05/29/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	470	*	05/29/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	470	*	05/29/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	470	*	05/29/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	470	*	05/29/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	470	*	05/29/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	470	*	05/29/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	470	*	05/29/98	SAC	53-70-3		U

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644839 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-2-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	470	*	05/29/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	470	*	05/29/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	470	*	05/29/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	470	*	05/29/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	470	*	05/29/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	470	*	05/29/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	470	*	05/29/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	470	*	05/29/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	470	*	05/29/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	470	*	05/29/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	470	*	05/29/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	470	*	05/29/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	470	*	05/29/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	470	*	05/29/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	470	*	05/29/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	2300	*	05/29/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	470	*	05/29/98	SAC	85-01-8		U
Phenol	trace	ug/kg	470	*	05/29/98	SAC	108-95-2	1	J
Pyrene	ND	ug/kg	470	*	05/29/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	73	%		*	05/29/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	84	%		*	05/29/98	SAC	321-60-8		
2-Fluorophenol (S)	59	%		*	05/29/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	62	%		*	05/29/98	SAC	4165-60-0		
Phenol-d6 (S)	53	%		*	05/29/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644839 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-2-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	89	%		*	05/29/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644847 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-2-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS -- Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	400	*	05/29/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	400	*	05/29/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	400	*	05/29/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	400	*	05/29/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	400	*	05/29/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	400	*	05/29/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	400	*	05/29/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	400	*	05/29/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	2000	*	05/29/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	400	*	05/29/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	400	*	05/29/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	400	*	05/29/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	400	*	05/29/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	400	*	05/29/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	400	*	05/29/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	2000	*	05/29/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	400	*	05/29/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	800	*	05/29/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	2000	*	05/29/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	2000	*	05/29/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	400	*	05/29/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	800	*	05/29/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107462
Client Project ID: 980516-07

Pace Sample No.: 10644847 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-2-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	800	*	05/29/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	400	*	05/29/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	400	*	05/29/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	2000	*	05/29/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	2000	*	05/29/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	400	*	05/29/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	400	*	05/29/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	400	*	05/29/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	400	*	05/29/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	400	*	05/29/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	400	*	05/29/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	400	*	05/29/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	400	*	05/29/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	2000	*	05/29/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	800	*	05/29/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	400	*	05/29/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	400	*	05/29/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	400	*	05/29/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	400	*	05/29/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	400	*	05/29/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	400	*	05/29/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	400	*	05/29/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	400	*	05/29/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	400	*	05/29/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 080516-07

Pace Sample No.: 10644847 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-2-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	400	*	05/29/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	400	*	05/29/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	400	*	05/29/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	400	*	05/29/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	400	*	05/29/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	400	*	05/29/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	400	*	05/29/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	400	*	05/29/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	400	*	05/29/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	400	*	05/29/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	400	*	05/29/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	400	*	05/29/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	400	*	05/29/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	400	*	05/29/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	400	*	05/29/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	2000	*	05/29/98	SAC	87 86-5		U
Phenanthrene	ND	ug/kg	400	*	05/29/98	SAC	85-01-8		U
Phenol	ND	ug/kg	400	*	05/29/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	400	*	05/29/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	74	%		*	05/29/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	84	%		*	05/29/98	SAC	321-60-8		
2-Fluorophenol (S)	80	%		*	05/29/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	80	%		*	05/29/98	SAC	4165-60-0		
Phenol-d6 (S)	64	%		*	05/29/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644847 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T4-2-10 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	109	%		*	05/29/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107462
Client Project ID: 980516-07

Pace Sample No.: 10044854 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-2-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644864
Client Sample ID: T3-2-SURR

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/28/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980515-07

Pace Sample No.: 10644854 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-2-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/28/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/28/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/28/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980515-07

Pace Sample No.: 10644854 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-2-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	116	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	102	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/28/98	SAC	2037-26-5		
Total EPA 8260	ND								

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DATE: 06/10/98
PAGE: 73

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644862 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-2-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644862 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-2-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/28/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644862 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-2-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/28/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/28/98	SAC	7616-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/28/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644862 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-2-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	102	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/20/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644870 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-1-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/01/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/01/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/01/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/01/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/01/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/01/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/01/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/01/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/01/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/01/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/01/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/01/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/01/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/01/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/01/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/01/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/01/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/01/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/01/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/01/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/01/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/01/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644870 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-1-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/01/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/01/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/01/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/01/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/01/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/01/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/01/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/01/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	*	06/01/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	330	*	06/01/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	trace	ug/kg	330	*	06/01/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/01/98	SAC	191-24-2		U
Benzo(k)fluoranthene	trace	ug/kg	330	*	06/01/98	SAC	207-08-9	1	J
Benzoic Acid	ND	ug/kg	1600	*	06/01/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/01/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/01/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/01/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/01/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	*	06/01/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	*	06/01/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	*	06/01/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	*	06/01/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/01/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/01/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980515-07

Pace Sample No.: 10644870 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-1-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/01/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/01/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/01/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	330	*	06/01/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	330	*	06/01/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/01/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/01/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/01/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/01/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/01/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/01/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/01/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/01/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/01/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/01/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/01/98	SAC	87-86-5		U
Phenanthrene	trace	ug/kg	330	*	06/01/98	SAC	85-01-8	1	J
Phenol	ND	ug/kg	330	*	06/01/98	SAC	108-95-2		U
Pyrene	390	ug/kg	330	*	06/01/98	SAC	129-00-0		
2,4,6-Tribromophenol (S)	94	%		*	06/01/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	80	%		*	06/01/98	SAC	321-60-8		
2-Fluorophenol (S)	78	%		*	06/01/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	77	%		*	06/01/98	SAC	4165-60-0		
Phenol-d6 (S)	75	%		*	06/01/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644870 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-1-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	106	%		*	06/01/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	**390**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644888 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-1-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	440	*	05/29/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	440	*	05/29/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	440	*	05/29/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	440	*	05/29/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	440	*	05/29/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	440	*	05/29/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	440	*	05/29/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	440	*	05/29/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	2100	*	05/29/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	440	*	05/29/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	440	*	05/29/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	440	*	05/29/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	440	*	05/29/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	440	*	05/29/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	440	*	05/29/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	2100	*	05/29/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	440	*	05/29/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	880	*	05/29/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	2100	*	05/29/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	2100	*	05/29/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	440	*	05/29/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	880	*	05/29/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107462
Client Project ID: 980516-07

Pace Sample No.: 10644880 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-1-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	880	*	05/29/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	440	*	05/29/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	440	*	05/29/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	2100	*	05/29/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	2100	*	05/29/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	440	*	05/29/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	440	*	05/29/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	440	*	05/29/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	440	*	05/29/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	440	*	05/29/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	440	*	05/29/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	440	*	05/29/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	440	*	05/29/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	2100	*	05/29/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	880	*	05/29/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	440	*	05/29/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	440	*	05/29/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	440	*	05/29/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	440	*	05/29/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	440	*	05/29/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	440	*	05/29/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	440	*	05/29/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	440	*	05/29/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	440	*	05/29/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980515-07

Pace Sample No.: 10644888 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-1-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	440	*	05/29/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	440	*	05/29/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	440	*	05/29/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	440	*	05/29/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	440	*	05/29/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	440	*	05/29/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	440	*	05/29/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	440	*	05/29/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	440	*	05/29/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	440	*	05/29/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	440	*	05/29/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	440	*	05/29/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	440	*	05/29/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	440	*	05/29/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	440	*	05/29/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	2100	*	05/29/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	440	*	05/29/98	SAC	85-01-8		U
Phenol	ND	ug/kg	440	*	05/29/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	440	*	05/29/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	78	%		*	05/29/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	81	%		*	05/29/98	SAC	321-60-8		
2-Fluorophenol (S)	76	%		*	05/29/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	75	%		*	05/29/98	SAC	4165-60-0		
Phenol-d6 (S)	66	%		*	05/29/98	SAC	13127-88-3		

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

DATE: 06/10/98

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644868 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-1-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	105	%		*	05/29/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980515-07

Pace Sample No.: 10044896 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-1-9 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	440	*	05/29/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	440	*	05/29/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	440	*	05/29/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	440	*	05/29/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	440	*	05/29/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	440	*	05/29/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	440	*	05/29/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	440	*	05/29/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	2100	*	05/29/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	440	*	05/29/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	440	*	05/29/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	440	*	05/29/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	440	*	05/29/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	440	*	05/29/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	440	*	05/29/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	2100	*	05/29/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	440	*	05/29/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	880	*	05/29/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	2100	*	05/29/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	2100	*	05/29/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	440	*	05/29/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	880	*	05/29/98	SAC	59-50-7		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644896 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-1-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	880	*	05/29/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	440	*	05/29/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	440	*	05/29/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	2100	*	05/29/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	2100	*	05/29/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	440	*	05/29/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	440	*	05/29/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	440	*	05/29/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	440	*	05/29/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	440	*	05/29/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	440	*	05/29/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	440	*	05/29/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	440	*	05/29/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	2100	*	05/29/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	880	*	05/29/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	440	*	05/29/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	440	*	05/29/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	440	*	05/29/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	440	*	05/29/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	440	*	05/29/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	440	*	05/29/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	440	*	05/29/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	440	*	05/29/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	440	*	05/29/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644896
Client Sample ID: T3-1-5

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	440	*	05/29/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	440	*	05/29/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	440	*	05/29/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	440	*	05/29/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	440	*	05/29/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	440	*	05/29/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	440	*	05/29/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	440	*	05/29/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	440	*	05/29/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	440	*	05/29/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	440	*	05/29/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	440	*	05/29/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	440	*	05/29/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	440	*	05/29/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	440	*	05/29/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	2100	*	05/29/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	440	*	05/29/98	SAC	85-01-8		U
Phenol	trace	ug/kg	440	*	05/29/98	SAC	108-95-2	1	J
Pyrene	ND	ug/kg	440	*	05/29/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	78	%		*	05/29/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	82	%		*	05/29/98	SAC	321-60-8		
2-Fluorophenol (S)	78	%		*	05/29/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	80	%		*	05/29/98	SAC	4165-60-0		
Phenol-d6 (S)	68	%		*	05/29/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107462
Client Project ID: 980516-07

Pace Sample No.: 10644886 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-1-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	107	%		*	05/29/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980515-07

Pace Sample No.: 10644904 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-3-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/01/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/01/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/01/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/01/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/01/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/01/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/01/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/01/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/01/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/01/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/01/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/01/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/01/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/01/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/01/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/01/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/01/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/01/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/01/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/01/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/01/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/01/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107462
Client Project ID: 980516-07

Pace Sample No.: 10644904 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-3-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/01/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/01/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/01/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/01/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/01/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/01/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/01/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/01/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/01/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/01/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/01/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/01/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/01/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/01/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/01/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/01/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/01/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/01/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	*	06/01/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	*	06/01/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/01/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/01/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/01/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/01/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 06/10/98
PAGE: 91

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644904 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-3-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/01/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/01/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/01/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/01/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/01/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/01/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/01/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/01/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/01/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/01/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/01/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/01/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/01/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/01/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/01/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/01/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/01/98	SAC	85-01-8		U
Phenol	trace	ug/kg	330	*	06/01/98	SAC	108-95-2	1	J
Pyrene	ND	ug/kg	330	*	06/01/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	94	%		*	06/01/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	79	%		*	06/01/98	SAC	321-60-8		
2-Fluorophenol (S)	67	%		*	06/01/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	72	%		*	06/01/98	SAC	4165-60-0		
Phenol-d6 (S)	64	%		*	06/01/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980518-07

Pace Sample No.: 10644904 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-3-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	107	%		*	06/01/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644912 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-3-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	500	*	05/29/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	500	*	05/29/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	500	*	05/29/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	500	*	05/29/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	500	*	05/29/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	500	*	05/29/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	500	*	05/29/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	500	*	05/29/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	2400	*	05/29/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	500	*	05/29/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	500	*	05/29/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	500	*	05/29/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	500	*	05/29/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	500	*	05/29/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	500	*	05/29/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	2400	*	05/29/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	500	*	05/29/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	990	*	05/29/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	2400	*	05/29/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	2400	*	05/29/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	500	*	05/29/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	990	*	05/29/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107492
Client Project ID: 980516-07

Pace Sample No.: 10644912 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-3-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	990	*	05/29/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	500	*	05/29/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	500	*	05/29/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	2400	*	05/29/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	2400	*	05/29/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	500	*	05/29/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	500	*	05/29/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	500	*	05/29/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	500	*	05/29/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	500	*	05/29/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	500	*	05/29/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	500	*	05/29/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	500	*	05/29/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	2400	*	05/29/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	990	*	05/29/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	500	*	05/29/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	500	*	05/29/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	500	*	05/29/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	500	*	05/29/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	500	*	05/29/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	500	*	05/29/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	500	*	05/29/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	500	*	05/29/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	500	*	05/29/98	SAC	53-70-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644912 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-3-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	500	*	05/29/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	500	*	05/29/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	500	*	05/29/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	500	*	05/29/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	500	*	05/29/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	500	*	05/29/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	500	*	05/29/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	500	*	05/29/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	500	*	05/29/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500	*	05/29/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	500	*	05/29/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	500	*	05/29/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	500	*	05/29/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	500	*	05/29/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	500	*	05/29/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	2400	*	05/29/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	500	*	05/29/98	SAC	85-01-8		U
Phenol	ND	ug/kg	500	*	05/29/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	500	*	05/29/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	74	%		*	05/29/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	83	%		*	05/29/98	SAC	321-60-8		
2-Fluorophenol (S)	77	%		*	05/29/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	79	%		*	05/29/98	SAC	4165-60-0		
Phenol-d6 (S)	70	%		*	05/29/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644912 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-3-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	109	%		*	05/29/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644920 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-4-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980515-07

Pace Sample No.: 10644920 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-4-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/28/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644920 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-4-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/29/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/28/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/28/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107462
Client Project ID: 980516-07

Pace Sample No.: 10544920 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-4-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/28/98	SAC	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644938 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-4-3 Date Received: 05/19/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644938 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-4-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/28/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644938 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-4-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	600	*	05/28/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/28/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/28/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107482
Client Project ID: 980515-07

Pace Sample No.: 10644938 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-4-3 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	102	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/28/98	SAC	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Minneapolis, MN 55414
Tel: 612 617 6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10544945 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-4-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644946 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-4-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/28/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644946 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-4-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/28/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/28/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/28/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

Pace Sample No.: 10644946 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: T3-4-5 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	102	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/28/98	SAC	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107482
Client Project ID: 980516-07

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[2]	The surrogate and/or spike recovery was outside acceptance limits.

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Pace Analytical

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980516-07
Page 1 of 6

423368

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client	PST
Address	1320 W. Winton Ave Hayward, CA 94545
Phone	(510) 785-1111
Report To:	Frank Ross
Bill To:	←
P.O. # / Billing Reference	575-8600
Project Name / No.	West Approach

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

Sampled By (PRINT): Scott Downs
Sampler Signature ←
Date Sampled 5/15/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: GC/MS Fuels	TPH-D	BTEX	SVOCs	VOCs	PCBs
T5-5-S	730	S								X	X	X	X		
T5-5-3	735									↓	↓	↓	↓		
T5-5-5	740														
T5-5-10	745									↓	↓	↓	↓		
T5-5-15	750														
T4-5-S	800									X	X		X		
T4-5-3	805									↓	↓		↓		
T4-5-5	810	↓								↓	↓		↓		

REMARKS
RUSH
Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PST	5/15/98	1600		5/15/98	1600

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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980516-07 423367
Page 2 of 6

CHAIN-OF-CUSTODY RECORD
Analytical Request

From	PSI
Address	1320 W. Winton Ave
	Hayward, CA 94545
Phone	
Sampled By (PRINT)	Scott Dunlop
Sampler Signature	
Date Sampled	5/15/98
Report To:	Frank Poss
Bill To:	
P.O. # / Billing Reference	575-8600
Project Name / No.	West Approach

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8015 modified TPH's	BTEX	VOC's	SVOC's	PCB's	REMARKS
	T4-5-10	815	S								X	X	X			RUSH
	T4-5-15	820														Archive
	T4-4-5	830									X	X	X	X		
	T4-4-3	835														
	T4-4-5	840														
	T4-4-10	945														RUSH
	T4-4-15	850														Archive
	T4-3-5	900									X	X	X	X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] PSI	5/15/98	1600		5/15/98	1600

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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980516-07

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423366

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client	PSI
Address	1320 W. Winton Ave
	Hayward, CA 94545
Phone	(510) 785-1111
Sampled By (PRINT):	Scott Sowers
Sampler Signature	
Date Sampled	5/15/98
Report To:	Frank Poss
Bill To:	
P.O. # / Billing Reference	575-8600
Project Name / No.	West Approach

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs
1	T4-3-3	905	S								X	X	X	X		
2	T4-3-5	910									X	X	X	X		
3	T4-3-10	915									X	X	X	X		
4	T4-3-15	920														
5	T4-2-8	945									X	X	X	X		
6	T4-2-3	950														
7	T4-2-5	955														
8	T4-2-10	1000														

REMARKS

RUSH
Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/15/98	1600		5/15/98	1600

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

a97

Pace Analytical

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980516-07

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423365

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client	PSJ
Address	1320 W. Winton Ave Hayward, CA 94545
Phone	(510) 785-1111
Compiled By (PRINT)	Scott Bauer
Sampler Signature	Date Sampled 5/15/98
Report To:	Erik Poss
Bill To:	←
P.O # / Billing Reference	575-8600
Project Name / No.	West Approach

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

#	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
	T4-2-15	1005	S								X	X	X				Archive
	T3-2-5	1020															
	T3-2-3	1025															
	T3-2-5	1030															RUSH
	T3-2-10	1035															Archive
	T3-1-5	1215									X	X	X	X			
	T3-1-3	1220															
	T3-1-5	1225	↓														

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
		5/15/98	1600		5/15/98	1600

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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980516-07 423370

Page 5 of 6

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI
Address: 1320 W. Winton Ave
Hayward, CA 94545
Phone: (510) 785-1111
Sampled By (PRINT): Scott Bowers
Sampler Signature:
Date Sampled: 5/15/98

Report To: Frank Bows
Bill To:
P.O. # / Billing Reference: 575-86001
Project Name / No.: West Approach

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCL Metals	TPH 15	BTEX	VOCs	SVOCs	PCBs
	T3-1-10	1230	S								X	X		X		
	T3-1-15	1235														
	T3-3-5	1255									X	X		X		
	T3-3-3	1300														
	T3-3-5	1305									↓	↓	↓	↓		
	T3-3-10	1310														
	T3-4-5	1320									X	X	X			
	T3-4-3	1325	↓	↓							X	X	X			

REMARKS
RUSH
Archive
RUSH
Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/15/98	1600		5/15/98	1600

SAMPLE CONDITION

Temp: ___ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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980516-07

423371

Page 6 of 6

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI

Address: 1320 W. Winton
Hayward, CA 94545

Phone: (510) 785-1111

Sampled By (PRINT): Scott Bauer

Sampler Signature:

Date Sampled: 5/15/98

Report To: Frank Poss

Bill To:

P.O. # / Billing Reference: 575-8600

Project Name / No.: West Approach

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.

Pace Project Manager

Pace Project No.

*Requested Due Date:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM metals	TPH-G	BTEX	VOC's	SVOC's	PCB's	REMARKS
	T3-4-5	1330	S								X	X	X				RUSH
	T3-4-10	1335									X	X	X				Archive
	T3-4-15	1340															

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSE	5/15/98	1600		5/15/98	1600

SAMPLE CONDITION

Temp: °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

697

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel. 562 498 9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980516-06
PACE ANALYTICAL WO #: 13245A
Client ID #: 8G001 SFW

Date: 6/10/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/15/98 and received on 05/15/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
BTEX (Soil)	2-3
TPH-Speciation (Soil)	4-5
CCR Metals (Soil)	6-9
List of Abbreviations and Definitions	10

In addition the analysis for 8260, 8270, 8080 & Mercury were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafuna, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1235

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	D46-S 46	D46-3.0 48	D47-S	D47-3.0	D53-S	D53-3.0	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	05/19/98	05/19/98	05/19/98	05/19/98	05/19/98	05/19/98	05/19/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:							**Acceptable Range:**	
a,a,a-Trifluorotoluene	106	108	92	102	101	98	107	59-134

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/19/98		05/19/98	05/19/98			
Analyte							
Benzene	104	74-116	100	96	72-115	4.1	0-26
Toluene	110	73-116	104	100	70-114	3.9	0-22
Ethylbenzene	109	75-118	106	102	68-119	3.8	0-24
Total Xylenes	113	78-120	109	104	74-117	4.7	0-22

REPORT OF LABORATORY ANALYSIS

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Fax 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 980516-06
PACE ANALYTICAL WO# 13245A
Client ID# 80001 SFW

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	05/23/98	<10	---	10	1
D46-3.0	05/23/98	<10	---	10	1
D45-S	05/23/98	<10	---	10	1
D45-3.0	05/23/98	<10	---	10	1
D47-3.0	05/23/98	<10	---	10	1
D49-3.0	05/23/98	<10	---	10	1
D50-S	05/23/98	<10	---	10	1
D50-3.0	05/23/98	<10	---	10	1
D53-S	05/24/98	<10	---	10	1
D53-3.0	05/24/98	<10	---	10	1
D47-S	06/03/98	2700	C12-C40 Oil	10	1
D46-S	06/03/98	780	C16-C40 Oil	10	1
D49-S	06/03/98	770	C16-C40 Oil	10	1

REPORT OF LABORATORY ANALYSIS

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Fax: 562-597-0786

Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/23/98		05/23/98	05/23/98			
TPH-Speciation	113	80-120	97	100	70-130	3.0	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/24/98		05/24/98	05/24/98			
TPH-Speciation	112	80-120	129	125	70-130	3.1	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/03/98		06/03/98	06/03/98			
TPH Speciation	95	80-120	89	94	70-130	5.6	0-30

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980516-06
PACE ANALYTICAL WO#:13245A
Client ID#:8G001 SFW

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D46-S	D46-3.0	D48-S	D48-3.0	D47-S	D47-3.0	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/25/98	05/25/98	05/26/98	05/25/98	05/25/98	05/26/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	6.5	7.2	7.7	6.3	7.8	<5.0	5.0	6010
Barium (Ba)	120	100	76	98	100	57	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	0.5	6010
Cadmium (Cd)	<0.5	0.6	<0.5	<0.5	0.6	<0.5	0.5	6010
Chromium (Cr)	36	48	49	45	54	10	0.5	6010
Cobalt (Co)	7.9	10	13	10	10	6.3	1.0	6010
Copper (Cu)	19	11	8.5	13	25	5.5	2.5	6010
Lead (Pb)	52	3.4	9.7	11	78	6.0	1.0	6010
Mercury (Hg)*	0.14	<0.10	0.13	<0.10	<0.10	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	42	32	36	30	64	19	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	21	42	46	39	22	18	0.5	6010
Zinc (Zn)	47	24	30	32	49	25	10	6010
DF	1	1	1	1	1	1		

* Mercury analyzed at ATL, 5/29/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498 0515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980516-06
PACE ANALYTICAL WO# 13245A
Client ID#:8G001 SFW

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D49-S	D49-3.0	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/25/98	05/25/98	05/25/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.4	5.7	<5.0	5.0	6010
Barium (Ba)	110	67	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	<0.5	<0.5	0.5	6010
Chromium (Cr)	35	53	<0.5	0.5	6010
Cobalt (Co)	7.6	12	<1.0	1.0	6010
Copper (Cu)	19	13	<2.5	2.5	6010
Lead (Pb)	29	5.2	<1.0	1.0	6010
Mercury (Hg)*	<0.10	<0.10	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	40	33	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	6.3	<5.0	<5.0	5.0	6010
Vanadium (V)	22	46	<0.5	0.5	6010
Zinc (Zn)	50	28	<10	10	6010
DF	1	1	1		

* Mercury analyzed at ATL, 5/29/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562 498-9515
Fax: 562 597-0786

PACE ANALYTICAL Project#:980518.06
PACE ANALYTICAL WO#:13245A
Client ID#:8G001 SFW

Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D50-S	D50-3.0	D53-S	D53-3.0	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.2	6.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	120	50	120	95	<10	10	6010
Beryllium (Be)	<0.5	0.8	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	34	23	38	50	<0.5	0.5	6010
Cobalt (Co)	9.6	6.8	9.0	8.1	<1.0	1.0	6010
Copper (Cu)	29	8.7	18	9.8	<2.5	2.5	6010
Lead (Pb)	100	92	30	3.9	<1.0	1.0	6010
Mercury (Hg)*	0.18	0.16	<0.10	<0.10	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	33	35	27	27	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	30	19	31	40	<0.5	0.5	6010
Zinc (Zn)	91	52	41	22	<10	10	6010
DF	1	1	1	1	1		

* Mercury analyzed at ATL, 5/29/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		05/25/98		05/25/98	05/25/98			
Analyte	EPA Method							
Antimony (Sb)	6010	84	70-130	59**	54**	60-130	8.8	0-25
Arsenic (As)	6010	86	78-104	87	77	34-135	12	0-15
Barium (Ba)	6010	64	81-117	97	86	55-130	12	0-25
Beryllium (Be)	6010	89	70-130	91	80	70-130	13	0-25
Cadmium (Cd)	6010	83	75-104	85	77	73-115	9.9	0-15
Chromium (Cr)	6010	88	81-103	90	77	62-125	16	0-15
Cobalt (Co)	6010	86	70-130	84	79	70-130	6.1	0-25
Copper (Cu)	6010	99	70-130	92	79	70-140	15	0-25
Lead (Pb)	6010	81	76-104	81	75	48-120	6.4	0-30
Mercury (Hg)*	7471	102	75-121	72	78	63-139	8	0-30
Molybdenum (Mo)	6010	88	70-130	85	75	70-130	13	0-25
Nickel (Ni)	6010	85	70-130	89	84	70-130	5.8	0-25
Selenium (Se)	6010	87	79-102	88	79	42-120	12	0-16
Silver (Ag)	6010	58	77-107	99	85	53-115	15	0-19
Thallium (Tl)	6010	85	70-130	82	74	70-130	10	0-25
Vanadium (V)	6010	89	70-130	93	79	70-130	16	0-25
Zinc (Zn)	6010	85	70-130	83	77	70-130	7.5	0-25

* Mercury analyzed at ATL, 5/29/98.
**Sample matrix effect.

REPORT OF LABORATORY ANALYSIS

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

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3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980516-06
PACE ANALYTICAL WO #: 13245A
Client ID #: 8G001 SFW

Date: 6/16/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/15/98 and received on 05/15/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
BTEX (Soil)	2-3
TPH-Speciation (Soil)	4-5
CCR Metals (Soil)	6-9
List of Abbreviations and Definitions	10

In addition the analysis for 8260, 8270, 8080 & Mercury were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

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REPORT OF LABORATORY ANALYSIS

Advanced Technology Laboratories

June 2, 1998 ELAP No.: 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: 980516-05
Lab No.: 26312-001/012

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989 4045 Fax: 562 989-4040

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 980516-05

Date Received: 05/27/98
Date Sampled: NA

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
26312-001	D46-S	EPA 7471 (Mercury)	05/29/98	0.14	Soil, mg/kg	0.10	0.10	DJ
26312-002	D46-3.0	EPA 7471 (Mercury)	05/29/98	ND	Soil, mg/kg	0.10	0.10	DJ
26312-003	D45-S	EPA 7471 (Mercury)	05/29/98	0.13	Soil, mg/kg	0.10	0.10	DJ
26312-004	D45-3.0	EPA 7471 (Mercury)	05/29/98	ND	Soil, mg/kg	0.10	0.10	DJ
26312-005	D47-S	EPA 7471 (Mercury)	05/29/98	ND	Soil, mg/kg	0.10	0.10	DJ
26312-006	D47-3.0	EPA 7471 (Mercury)	05/29/98	ND	Soil, mg/kg	0.10	0.10	DJ
26312-007	D49-S	EPA 7471 (Mercury)	05/29/98	ND	Soil, mg/kg	0.10	0.10	DJ
26312-008	D49-3.0	EPA 7471 (Mercury)	05/29/98	ND	Soil, mg/kg	0.10	0.10	DJ
26312-009	D50-S	EPA 7471 (Mercury)	05/29/98	0.15	Soil, mg/kg	0.10	0.10	DJ
26312-010	D50-3.0	EPA 7471 (Mercury)	05/29/98	0.16	Soil, mg/kg	0.10	0.10	DJ
26312-011	D53-S	EPA 7471 (Mercury)	05/29/98	ND	Soil, mg/kg	0.10	0.10	DJ
26312-012	D53-3.0	EPA 7471 (Mercury)	05/29/98	ND	Soil, mg/kg	0.10	0.10	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: 6/2/98
Cheryl De Los Reyes
Department Supervisor

*This cover letter is an integral part of this analytical report

Spike Recovery and RPD Summary Report

Method: EPA7471
Analyst: CDR/DJ
Data File: 80529-2
QA File: 8150-2

Date Analyzed: 05-29-98
Date Digested: 05-29-98
Sample ID: SEE BELOW
Matrix: SOIL/SOLID
QC Batch Number: HG9805298-2

SPL ID	UNITS	LCS Conc	LCS Rec	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
26312-010	mg/kg	0.50	0.51	102	ND	0.16	ND	*	0.83	0.76	0.81	72	78	63-139	8	30	0.10
26313-008	mg/kg	0.50	0.50	100	ND	0.35	0.23	41	0.83	1.0	1.0	78	78	63-139	0	30	0.10
26313-013	mg/kg	0.50	0.48	96	ND	ND	ND	0	0.83	0.98	0.86	118	104	63-139	13	30	0.10

* Sample result is all near the detection limit

Approved by: _____
Cheryl De Los Reyes
Inorganics Supervisor

Date: 6/2/98

Advanced Technology Laboratories

Pace Analytical

1 of 2

423680

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical	Report To: Richard.	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address:	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone:	Project Name / No. 980516-05		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSIS REQUEST: AH	REMARKS
1	D46-5		Soil								X	
2	D46-3.0										X	
3	D45-5										X	
4	D45-3.0										X	
5	D47-5										X	
6	D47-3.0										X	
7	D49-5										X	
8	D49-3.0										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	BD CH	5/01/98		ATL	5/27	435

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

6/97

Pace Analytical

1 of 2

423681

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical
Address:
Phone:

Report To: Richard.
Bill To:
P.O. # / Billing Reference:
Project Name / No.: 980516-05

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.:
*Requested Due Date:

Sampled By (PRINT):
Sampler Signature:
Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST	REMARKS
1	D50-5		Soil								X	
2	D50-3.0										X	
3	D53-5										X	
4	D53-3.0										X	
5	WT3-2		W				X				X	@ 5/6/98
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible]	5/7/98		[illegible] ATL	5/7	4:35

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

June 4, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107486
Client Project ID: 980516-06

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
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Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645000 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D46-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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1700 Elm Street Suite 200
Minneapolis, MN 55414
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Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645000 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D46-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/28/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Fax: 612 617 6444

Pace Analytical

Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645000 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D46-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/28/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	trace	ug/kg	5	*	05/28/98	SAC	100-41-4	1	J
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	6.7	ug/kg	5	*	05/28/98	SAC	7816-60-0		
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	trace	ug/kg	5	*	05/28/98	SAC	95 47-6	1	J
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100 42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18 4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Tel: 612-617-6400
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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645000 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D46-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	102	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	106	%		*	05/28/98	SAC	2037-26-5		

Total EPA 8260 6.7

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Fax: 612-617-6444

Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645018 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D46-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-607-6400
Fax: 612-607-6444

Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645018 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D46-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/28/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Tel: 612-607-6400
Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10845018 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D46-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/28/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/28/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/28/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645018 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D46-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/28/98	SAC	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645026
Client Sample ID: ~~B42~~-SURR D4T

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.182	06/01/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	39.738	06/01/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.248	06/01/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	26.753	06/01/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	53.938	06/01/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.169	06/01/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.563	06/01/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	163.65	06/01/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.048	06/01/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.052	06/01/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	36.853	06/01/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.115	06/01/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.237	06/01/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.346	06/01/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	93.602	06/01/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.491	06/01/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	31.747	06/01/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	23.857	06/01/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.268	06/01/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.316	06/01/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	46.631	06/01/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	38.808	06/01/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645026 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D86-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.372	06/01/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.665	06/01/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	89.177	06/01/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	40.835	06/01/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.681	06/01/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	28.887	06/01/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.693	06/01/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.480	06/01/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.399	06/01/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.432	06/01/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	35.883	06/01/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	70.983	06/01/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.426	06/01/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	49.594	06/01/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	262.34	06/01/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	72.517	06/01/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.470	06/01/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.294	06/01/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.257	06/01/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	59.946	06/01/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	65.277	06/01/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	48.784	06/01/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	62.921	06/01/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	90.177	06/01/98	SAC	117-84-0		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645025
Client Sample ID: D45-SURR
45

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.588	06/01/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.565	06/01/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.037	06/01/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	28.813	06/01/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.252	06/01/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	38.732	06/01/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.261	06/01/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.166	06/01/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	86.666	06/01/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.337	06/01/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.539	06/01/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	29.857	06/01/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.366	06/01/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	48.809	06/01/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	25.883	06/01/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	32.914	06/01/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	47.546	06/01/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.068	06/01/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	48.651	06/01/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	33.991	06/01/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	98	%		*	06/01/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	77	%		*	06/01/98	SAC	321-60-8		
2-Fluorophenol (S)	74	%		*	06/01/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	74	%		*	06/01/98	SAC	4165-60-0		

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645026 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D[illegible]-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	72	%		*	06/01/98	SAC	13127-88-3		
Terphenyl-d14 (S)	98	%		*	06/01/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645034 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D[illegible]-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.182	05/29/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	39.738	05/29/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.248	05/29/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	26.753	05/29/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	53.938	05/29/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.169	05/29/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.563	05/29/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	163.65	05/29/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.048	05/29/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.052	05/29/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	36.853	05/29/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.115	05/29/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.237	05/29/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.346	05/29/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	93.602	05/29/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.491	05/29/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	31.747	05/29/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	650	23.857	05/29/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.268	05/29/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.316	05/29/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	46.631	05/29/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	650	38.808	05/29/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980518-06

Pace Sample No.: 10645034
Client Sample ID: D[illegible]3.0

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	650	27.372	05/29/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.685	05/29/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	69.177	05/29/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	40.835	05/29/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.681	05/29/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	28.987	05/29/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.693	05/29/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.480	05/29/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.399	05/29/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.432	05/29/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	35.883	05/29/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	70.983	05/29/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.426	05/29/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	49.594	05/29/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	262.34	05/29/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	650	72.517	05/29/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.470	05/29/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.294	05/29/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.257	05/29/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	59.946	05/29/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	85.277	05/29/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	46.764	05/29/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	62.921	05/29/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	90.177	05/29/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645034 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D[illegible]-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.588	05/29/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.566	05/29/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.037	05/29/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	28.813	05/29/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.252	05/29/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	38.732	05/29/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.261	05/29/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.166	05/29/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	86.666	05/29/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.337	05/29/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.539	05/29/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	29.867	05/29/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.366	05/29/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	48.809	05/29/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	25.983	05/29/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	32.914	05/29/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	47.546	05/29/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.069	05/29/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	46.661	05/29/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	33.991	05/29/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	86	%		*	05/29/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	79	%		*	05/29/98	SAC	321-60-8		
2-Fluorophenol (S)	75	%		*	05/29/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	72	%		*	05/29/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645034 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D46-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	66	%		*	05/29/98	SAC	13127-88-3		
Terphenyl-d14 (S)	100	%		*	05/29/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980518-06

Pace Sample No.: 10645042 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D47-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	3300	263.67	06/01/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	3300	400.19	06/01/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	3300	314.69	06/01/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	3300	269.42	06/01/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	3300	543.20	06/01/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	3300	525.38	06/01/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	3300	428.64	06/01/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	3300	1648.1	06/01/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	16000	453.66	06/01/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	3300	352.99	06/01/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	3300	371.14	06/01/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	3300	323.42	06/01/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	3300	435.43	06/01/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	3300	265.33	06/01/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	3300	942.64	06/01/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	16000	377.56	06/01/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	3300	319.72	06/01/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	6600	240.26	06/01/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	16000	335.03	06/01/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	trace	ug/kg	16000	355.66	06/01/98	SAC	534-52-1	1	J
4-Bromophenyl-phenylether	ND	ug/kg	3300	469.61	06/01/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	6600	390.83	06/01/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645042 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D47-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	6600	275.66	06/01/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	3300	178.10	06/01/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	3300	698.07	06/01/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	16000	411.24	06/01/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	16000	288.83	06/01/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	3300	290.92	06/01/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	3300	299.03	06/01/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	3300	357.31	06/01/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	3300	386.70	06/01/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	3300	397.11	06/01/98	SAC	56-55-3	1	J
Benzo(a)pyrene	ND	ug/kg	3300	361.36	06/01/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	3300	714.85	06/01/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	3300	386.98	06/01/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	3300	499.45	06/01/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	16000	2641.9	06/01/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	6600	730.30	06/01/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	3300	286.71	06/01/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	3300	284.94	06/01/98	SAC	111 44 4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	3300	435.63	06/01/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	3300	603.70	06/01/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	3300	858.80	06/01/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	3300	491.29	06/01/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	3300	633.65	06/01/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	3300	908.15	06/01/98	SAC	117-84-0		U

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Client Project ID: 980516-06

Pace Sample No.: 10645042 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D47-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	3300	378.54	06/01/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	3300	317.88	06/01/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	3300	302.60	06/01/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	3300	290.17	06/01/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	3300	405.37	06/01/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	3300	390.06	06/01/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	3300	415.53	06/01/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	3300	334.00	06/01/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	3300	872.79	06/01/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	3300	296.45	06/01/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	3300	398.18	06/01/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	3300	300.68	06/01/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	3300	376.30	06/01/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	3300	491.54	06/01/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	3300	260.66	06/01/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	3300	331.47	06/01/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	16000	478.82	06/01/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	3300	393.44	06/01/98	SAC	85-01-8		U
Phenol	ND	ug/kg	3300	489.95	06/01/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	3300	342.31	06/01/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	0	%		*	06/01/98	SAC	118-79-6	3	
2-Fluorobiphenyl (S)	60	%		*	06/01/98	SAC	321-60-8		
2-Fluorophenol (S)	57	%		*	06/01/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	64	%		*	06/01/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10646042 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D47-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	36	%		*	06/01/98	SAC	13127-88-3	3	
Terphenyl-d14 (S)	99	%		*	06/01/98	SAC	1718-51-0	2	
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.. 10645059 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D47-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/01/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/01/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/01/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/01/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/01/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/01/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/01/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/01/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/01/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/01/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/01/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/01/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/01/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/01/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/01/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/01/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/01/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/01/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/01/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/01/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/01/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/01/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107488
Client Project ID: 980515-06

Pace Sample No.: 10645059 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D47-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/01/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/01/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/01/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/01/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/01/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/01/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/01/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	38.839	06/01/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/01/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/01/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/01/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/01/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/01/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/01/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/01/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/01/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/01/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	26.579	06/01/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/01/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/01/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/01/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/01/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	83.556	06/01/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/01/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645059 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D47-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/01/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/01/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/01/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/01/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/01/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/01/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/01/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/01/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/01/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/01/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/01/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/01/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/01/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/01/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/01/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/01/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/01/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/01/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/01/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/01/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	98	%		*	06/01/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	83	%		*	06/01/98	SAC	321-60-8		
2-Fluorophenol (S)	83	%		*	06/01/98	SAC	367-12 4		
Nitrobenzene-d5 (S)	81	%		*	06/01/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 06/10/98
PAGE: 25

Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10545059 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D47-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	68	%		*	06/01/98	SAC	13127-88-3		
Terphenyl-d14 (S)	107	%		*	06/01/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645057 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D49-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645067
Client Sample ID: D49-SURR

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/28/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10545067 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D49-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/28/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	trace	ug/kg	5	*	05/28/98	SAC	100-41-4	1	J
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	7.7	ug/kg	5	*	05/28/98	SAC	7816-60-0		
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	trace	ug/kg	5	*	05/28/98	SAC	95-47-6	1	J
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645067 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D49-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/28/98	SAC	2037-26-5		
Total EPA 8260	7.7								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645075 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D49-3.0 Date Received: 05/19/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645075 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: D49-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/28/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645075 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: C49-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/28/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/28/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/28/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645075 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D49-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/28/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645083 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D50-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645083 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D50-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/28/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980515-06

Pace Sample No.: 10645083
Client Sample ID: D50-SURR

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/28/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/28/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/28/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645083 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D50-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/28/98	SAC	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10846091 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D50-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645091 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D50-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/28/98	SAC	67-64-1	1,4	JB
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645091
Client Sample ID: D50-3.0

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/28/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/28/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/28/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645091 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D50-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/28/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10845109 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D53-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.182	06/01/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	39.738	06/01/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.248	06/01/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	26.753	06/01/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	53.938	06/01/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.169	06/01/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.563	06/01/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	163.65	06/01/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.048	06/01/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.052	06/01/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	36.853	06/01/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.115	06/01/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.237	06/01/98	SAC	95-57-8		U
2-Methylnaphthalene	trace	ug/kg	330	26.346	06/01/98	SAC	91-57-6	1	J
2-Methylphenol	ND	ug/kg	330	93.602	06/01/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.491	06/01/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	31.747	06/01/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	23.857	06/01/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.268	06/01/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.316	06/01/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	46.631	06/01/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	38.808	06/01/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10045109 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D53-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.372	06/01/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.685	06/01/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	89.177	06/01/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	40.835	06/01/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.691	06/01/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	26.887	06/01/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.693	06/01/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.480	06/01/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.399	06/01/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.432	06/01/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	35.883	06/01/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	70.983	06/01/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.426	06/01/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	49.594	06/01/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	262.34	06/01/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	72.517	06/01/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.470	06/01/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.294	06/01/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.257	06/01/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	59.946	06/01/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	85.277	06/01/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	48.784	06/01/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	62.921	06/01/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	90.177	06/01/98	SAC	117-84-0		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107486
Client Project ID: 980515-06

Pace Sample No.: 10645109 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D53-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.588	06/01/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.565	06/01/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.037	06/01/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	28.813	06/01/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.252	06/01/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	38.732	06/01/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.261	06/01/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.166	06/01/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	86.666	06/01/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.337	06/01/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.639	06/01/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	29.857	06/01/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.366	06/01/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	48.809	06/01/98	SAC	86-30-6		U
Naphthalene	330	ug/kg	330	25.883	06/01/98	SAC	91-20-3		
Nitrobenzene	ND	ug/kg	330	32.914	06/01/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	47.646	06/01/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.068	06/01/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	48.651	06/01/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	33.991	06/01/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	74	%		*	06/01/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	64	%		*	06/01/98	SAC	321-60-8		
2-Fluorophenol (S)	69	%		*	06/01/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	65	%		*	06/01/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
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Pace Analytical

Pace Project Number: 107486
Client Project ID: 980516-06

Paco Sample No.: 10645109 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D53-SURR Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	65	%		*	06/01/98	SAC	13127-88-3		
Terphenyl-d14 (S)	86	%		*	06/01/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	**330**								

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Tel: 612-617-6400
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Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645117 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D53-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.182	06/01/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	39.738	06/01/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.248	06/01/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	26.753	06/01/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	53.938	06/01/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.169	06/01/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.563	06/01/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	163.66	06/01/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.048	06/01/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.052	06/01/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	30.853	06/01/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.115	06/01/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.237	06/01/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.346	06/01/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	93.602	06/01/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.491	06/01/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	31.747	06/01/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	23.857	06/01/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.268	06/01/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.316	06/01/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	46.631	06/01/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	38.808	06/01/98	SAC	59-50-7		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107486
Client Project ID: 980518-06

Pace Sample No.: 10645117 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D53-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.372	06/01/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.685	06/01/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	89.177	06/01/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	40.835	06/01/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.681	06/01/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	28.887	06/01/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.693	06/01/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.480	06/01/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.399	06/01/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.432	06/01/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	35.883	06/01/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	70.983	06/01/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.426	06/01/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	49.594	06/01/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	262.34	06/01/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	72.517	06/01/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.470	06/01/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	26.294	06/01/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.257	06/01/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	59.946	06/01/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	85.277	06/01/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	48.784	06/01/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	62.921	06/01/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	90.177	06/01/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107486
Client Project ID: 980516-08

Pace Sample No.: 10645117
Client Sample ID: D53-3.0

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.588	06/01/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.565	06/01/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.037	06/01/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	28.813	06/01/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.252	06/01/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	38.732	06/01/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.261	06/01/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.166	06/01/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	86.666	06/01/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.337	06/01/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.539	06/01/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	29.957	06/01/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.366	06/01/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	48.809	06/01/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.883	06/01/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	32.914	06/01/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	47.546	06/01/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.068	06/01/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	48.651	06/01/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	33.991	06/01/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	88	%		*	06/01/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	72	%		*	06/01/98	SAC	321-60-8		
2-Fluorophenol (S)	71	%		*	06/01/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	66	%		*	06/01/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107486
Client Project ID: 980516-06

Pace Sample No.: 10645117 Date Collected: 05/15/98 Matrix: Soil
Client Sample ID: D53-3.0 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	68	%		*	06/01/98	SAC	13127-88-3		
Terphenyl-d14 (S)	87	%		*	06/01/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107486
Client Project ID: 980516-06

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[2]	Sample was analyzed at a 1:10 dilution due to significant matrix interferences.
[3]	The surrogate recovery was outside QC acceptance limits due to matrix interference.
[4]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).

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Page 2/2 13-5A 980516-06 423321

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW
	Project Name / No.: CALTRANS SFW

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ■ Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.:
*Requested Due Date: 5-30-98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 5/15/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-S	8020 BTEX	4260	4270	4080 PCB	CAM 17	REMARKS
1	D50-5	1230	SOIL								X		X			X	
2	D50-3.0	1249									X		X			X	
3	D53-5	1339									X	X		X	X	X	
4	D53-3.0										X	X		X	X	X	
5																	
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/15/98		CALIFORNIA OVERNITE	5/15/98	

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Page 1/2

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980516-06

423322

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME
Phone: 510 785-1111	P.O. # / Billing Reference: 8G001 SFW
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SFW
Sampler Signature: CHRIS MERRITT	Date Sampled: 5/15/98

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☒ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 5-20-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020	8260	8270	8080 PCB	CAM 17	REMARKS
1	D46-5	0751	SOIL		1						X		X			X	
2	D46-3.0	0804			1						X		X			X	
3	~~D45-5~~ D45-5	0855			1						X	X		X		X	
4	~~D45-3.0~~ D45-3.0	0921			1						X	X		X		X	
5	D47-5	0957			1						X	X		X	X	X	
6	D47-3.0	1046			1						X	X		X	X	X	
7	D49-5	1129			1						X		X			X	
8	D49-3.0	1142			1						X		X			X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/15/98		CALIFORNIA OVERNITE	5/18/98	

SAMPLE CONDITION

Temp: ___°C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980519-01
PACE ANALYTICAL WO #: 13252A
Client ID #: 8G001 SFW

Date: 6/23/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/18/98 and received on 05/18/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Soil)	2-6
BTEX (Soil)	7-8
TPH-Speciation (Soil)	9-10
List of Abbreviations and Definitions	11

In addition the analysis for 8260, 8270, 8080 & Mercury were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafana, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1325

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

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PACE ANALYTICAL Project#:980518-01
PACE ANALYTICAL WO#:13252A
Client ID#:BC001 SFW

Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T4-1-S	T4-1-3.0	T4-1-5.0	T1-1-S	T1-1-3.0	T1-1-5.0	PRL	EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Method
Date Analyzed:	06/03/98	06/03/98	06/03/98	06/03/98	06/03/98	06/03/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	84	29	13	87	34	58	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	28	33	28	30	25	22	0.5	6010
Cobalt (Co)	4.7	4.4	4.1	6.3	4.4	4.1	1.0	6010
Copper (Cu)	15	3.1	1.4	20	5.2	35	2.5	6010
Lead (Pb)	51	9.7	1.5	95	21	95	1.0	6010
Mercury (Hg)*	1.6	<0.10	<0.10**	0.24	0.35	0.27	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	18	19	17	24	20	19	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	31	25	24	26	22	17	0.5	6010
Zinc (Zn)	53	25	17	86	34	89	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed at ATL on 06/02/98
**Mercury analyzed at ATL on 05/26/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980519-01
PACE ANALYTICAL WO#:10252A
Client ID#:8C001 SFW

Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D72-S	D72-3	D73-S	D73-3	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/03/98	06/03/98	06/03/98	06/03/98	06/03/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	190	120	100	150	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.6	<0.5	0.5	6010
Cadmium (Cd)	4.9	0.7	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	29	34	42	17	<0.5	0.5	6010
Cobalt (Co)	9.6	7.8	12	8.1	<1.0	1.0	6010
Copper (Cu)	64	29	17	18	<2.5	2.5	6010
Lead (Pb)	340	160	6.5	11	<1.0	1.0	6010
Mercury (Hg)*	0.32	0.33	<0.10	<0.10	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	30	27	46	25	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	24	28	25	17	<0.5	0.5	6010
Zinc (Zn)	310	190	45	61	<10	10	6010
DF	1	1	1	1	1		

*Mercury analyzed at ATL on 06/02/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980519-01
PACE ANALYTICAL WO#:13252A
Client ID#:8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/03/98		06/03/98	06/03/98			
Antimony (Sb)	6010	87	70-130	57*	61	60-130	8.5	0-25
Arsenic (As)	6010	88	78-104	76	76	34-135	5.4	0-15
Barium (Ba)	6010	98	81-117	93	84	55-130	0.0	0-25
Beryllium (Be)	6010	90	70-130	75	77	70-130	2.6	0-25
Cadmium (Cd)	6010	95	75-104	73	72*	73-115	1.4	0-15
Chromium (Cr)	6010	88	81-103	78	68	62-125	9.8	0-15
Cobalt (Co)	6010	87	70-130	71	70	70-130	1.4	0-25
Copper (Cu)	6010	89	70-130	84	82	70-140	2.5	0-25
Lead (Pb)	6010	84	76-104	70	68	48-120	1.5	0-30
Mercury (Hg)**	7471	114	76-121	120	108	70-135	11	0-30
Molybdenum (Mo)	6010	89	70-130	76	73	70-130	0.0	0-25
Nickel (Ni)	6010	87	70-130	66*	64*	70-130	3.1	0-25
Selenium (Se)	6010	88	79-102	68	71	42-120	4.3	0-16
Silver (Ag)	6010	91	77-107	79	77	63-115	2.6	0-19
Thallium (Tl)	6010	87	70-130	74	68*	70-130	1.5	0-25
Vanadium (V)	6010	90	70-130	78	73	70-130	0.0	0-25
Zinc (Zn)	6010	87	70-130	69*	70	70-130	1.4	0-25

*Sample matrix effect.

**Mercury analyzed at ATL on 06/02/98.

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Long Beach, CA 90815
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Fax 562-597-0786

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method*	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D69-S	D69-3.0	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/03/98	06/03/98	06/03/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	160	92	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.7	<0.5	<0.5	0.5	6010
Chromium (Cr)	29	38	<0.5	0.5	6010
Cobalt (Co)	14	13	<1.0	1.0	6010
Copper (Cu)	45	11	<2.5	2.5	6010
Lead (Pb)	45	44	<1.0	1.0	6010
Mercury (Hg)*	<0.10	<0.10	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	39	38	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	24	31	<0.5	0.5	6010
Zinc (Zn)	91	57	<10	10	6010
DF	1	1	1		

*Mercury analyzed at ATL on 06/02/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980519-01
PACE ANALYTICAL WO#:13252A
Client ID#:8C001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/03/98		06/03/98	06/03/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	89	70-130	66*	61	60-130	8.5	0-25
Arsenic (As)	6010	89	78-104	72	76	34-135	5.4	0-15
Barium (Ba)	6010	110	81-117	84	84	55-130	0.0	0-25
Beryllium (Be)	6010	91	70-130	75	77	70-130	2.6	0-25
Cadmium (Cd)	6010	90	78-104	73	72	73-115	1.4	0-15
Chromium (Cr)	6010	95	81-103	76	68	62-125	9.8	0-15
Cobalt (Co)	6010	94	70-130	71	70	70-130	1.4	0-25
Copper (Cu)	6010	94	70-130	80	82	70-140	2.5	0-25
Lead (Pb)	6010	92	78-104	69	68	48-120	1.5	0-30
Mercury (Hg)	7471	114	76-121	120	108	70-135	11	0-30
Molybdenum (Mo)	6010	98	70-130	73	73	70-130	0.0	0-25
Nickel (Ni)	6010	93	70-130	66*	64*	70-130	3.1	0-25
Selenium (Se)	6010	88	79-102	68	71	42-120	4.3	0-15
Silver (Ag)	6010	96	77-107	79	77	53-115	2.6	0-10
Thallium (Tl)	6010	99	70-130	67*	68*	70-130	1.5	0-25
Vanadium (V)	6010	98	70-130	73	73	70-130	0.0	0-25
Zinc (Zn)	6010	89	70-130	69*	70	70-130	1.4	0-25

*Sample matrix effect.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980519-01
PACE ANALYTICAL WO#:13253A
Client ID#:8G001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	T1-1-S	T1-1-3.0	T1-1-5.0	D72-S	D72-3.0	D73-S	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/19/98	05/19/98	05/19/98	05/19/98	05/19/98	05/19/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	104	100	100	94	96	90	59-134

Client ID:	D73-3.0		Method Blank	
Units:	µg/kg		µg/kg	PRL µg/kg
Analysis Date:	05/19/98		05/19/98	
Analyte				
Benzene	<5.0		<5.0	5.0
Toluene	<5.0		<5.0	5.0
Ethylbenzene	<5.0		<5.0	5.0
Total Xylenes	<15		<15	15
DF	1		1	
Surrogate Recovery %:				Acceptable Range:
a,a,a-Trifluorotoluene	94		107	59-134

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980519-01
PACE ANALYTICAL WO#:13252A
Client ID# 8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/19/98		05/19/98	05/19/98			
Analyte							
Benzene	104	74-116	100	96	72-115	4.1	0-26
Toluene	110	73-116	104	100	70-114	3.9	0-22
Ethylbenzene	109	75-118	106	102	68-119	3.8	0-24
Total Xylenes	113	78-120	109	104	74-117	4.7	0-22

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#980510-01
PACE ANALYTICAL WO#:13252A
Client ID#:8G001 SFW

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	05/26/98	<10	---	10	1
T4-1-S	05/26/98	<10	---	10	1
T4-1-3.0	05/26/98	<10	---	10	1
T4-1-5.0	05/26/98	<10	---	10	1
T1-1-S	05/26/98	<10	---	10	1
T1-1-3.0	05/26/98	<10	---	10	1
T1-1-5.0	05/26/98	<10	---	10	1
D72-3.0	05/26/98	<10	---	10	1
D73-S	05/26/98	<10	---	10	1
D73-3.0	05/26/98	<10	---	10	1
D69-S	05/26/98	<10	---	10	1
D69-3.0	05/26/98	<10	---	10	1
D72-S	06/03/98	300	C18-C40 Oil	10	1

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/26/98		05/26/98	05/26/98			
TPH-Speciation	120	80-120	130	118	70-130	9.7	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/03/98		06/03/98	06/03/98			
TPH-Speciation	95	80-120	88	94	70-130	6.6	0-30

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP		Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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Advanced Technology Laboratories

May 29, 1998 ELAP No.. 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: 980519-01
Lab No.: 26279-001/009

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is authorized for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of the Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 980519-01

Date Received: 05/26/98
Date Sampled: NA

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
26279-001	T4-1-5.0	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26279-002	T6-4-5	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26279-003	T2-2-5	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26279-004	T2-3-5	EPA 7471 (Mercury)	05/28/98	0.17	Soil, mg/kg	0.10	0.10	DJ
26279-005	T2-4-5	EPA 7471 (Mercury)	05/28/98	0.13	Soil, mg/kg	0.10	0.10	DJ
26279-006	T2-5-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26279-007	T1-2-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26279-008	T1-3-3	EPA 7471 (Mercury)	05/28/98	0.48	Soil, mg/kg	0.10	0.10	DJ
26279-009	T1-4-5	EPA 7471 (Mercury)	05/28/98	0.26	Soil, mg/kg	0.10	0.10	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: Cheryl De Los Reyes
Cheryl De Los Reyes
Department Supervisor

Date: 5/29/98

The cover letter is an integral part of this analytical report

Spike Recovery and RPD Summary Report

Method: EPA7471
Analyst: CDR/DJ
Data File: 80528-1
QA File: 8149-1

Date Analyzed: 05-28-98
Date Digested: 05-28-98
Sample ID: see below
Matrix: SOIL/SOLID
QC Batch Number: HG980528S-1

SPL ID	UNITS	LCS Conc	LCS Res	%Rec	METH BLANK	SPL CONC	SPL DUP	%Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	%REC Limit	RPD	RPD Limit	MDL
26278-002	mg/kg	0.50	0.53	106	ND	ND	ND	0	0.83	1.00	0.96	120	116	63-139	4	30	0.10
26280-004	mg/kg	0.50	0.44	88	ND	ND	ND	0	0.83	0.88	0.86	106	104	63-139	2	30	0.10
26279-006	mg/kg	0.50	0.46	92	ND	ND	ND	0	0.83	0.89	0.96	107	116	63-139	8	30	0.10
26281-007	mg/kg	0.50	0.55	110	ND	ND	ND	0	0.83	1.00	1.00	120	120	63-139	0	30	0.10

Approved by: Cheryl De Leon Reyes
Inorganics Supervisor

Date: 5/29/98

Advanced Technology Laboratories

Pace Analytical

1 OF 2

423664

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical	Report To: Richard V.	Turn around Time: ☒ 24 Hours ☒ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 3970 Gilman Av Long Beach, CA 90815	Bill To:		Pace Project Manager
Phone: 498-9515	P.O. # / Billing Reference		Pace Project No. 980519-01
Sampled By (PRINT):	Project Name / No.		*Requested Due Date:

Sampler Signature: _____ Date Sampled: _____

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	PRESERVATIVES H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST #6	REMARKS
1	T4-1-5.0		Soil								X	
2	T6-4-5		X								X	
3	T2-2-5		X								X	
4	T2-3-5										X	
5	T2-4-5										X	
6	T2-5-10										X	
7	T1-2-10										X	
8	T1-3-5										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1		5/26/98		Diane Kalman / ATL	5-26-98	14:50

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

6 97

Pace Analytical

1 OF 2

423665

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical
Address:
Phone: 498-9515

Report To: Richard V.
Bill To:
P.O. # / Billing Reference:
Project Name / No.:

Turn around Time
- [ ] 24 Hours
- [x] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.: 9805 19-01
*Requested Due Date:

Sampled By (PRINT):
Sampler Signature:
Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST	REMARKS
1	T1-4-5		Soil								X	
2												
3												
4												
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1		5/27/98		Diane Walvan/ATL	5-28-98	1450

SAMPLE CONDITION

Temp: °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Advanced Technology Laboratories

June 3, 1998

ELAP No.: 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: 980519-01
Lab No.: 26315-001/011

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 980519-01

Date Received: 05/27/98
Date Sampled: NA

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
26315-001	T4-1-S	EPA 7471 (Mercury)	06/02/98	1.6	Soil, mg/kg	0.10	0.10	DJ
26315-002	T4-1-3	EPA 7471 (Mercury)	06/02/98	ND	Soil, mg/kg	0.10	0.10	DJ
26315-003	T1-1-S	EPA 7471 (Mercury)	06/02/98	0.24	Soil, mg/kg	0.10	0.10	DJ
26315-004	T1-1-3	EPA 7471 (Mercury)	06/02/98	0.35	Soil, mg/kg	0.10	0.10	DJ
26315-005	T1-1-5	EPA 7471 (Mercury)	06/02/98	0.27	Soil, mg/kg	0.10	0.10	DJ
26315-006	D72-S	EPA 7471 (Mercury)	06/02/98	0.32	Soil, mg/kg	0.10	0.10	DJ
26315-007	D72-3	EPA 7471 (Mercury)	06/02/98	0.33	Soil, mg/kg	0.10	0.10	DJ
26315-008	D73-S	EPA 7471 (Mercury)	06/02/98	ND	Soil, mg/kg	0.10	0.10	DJ
26315-009	D73-3	EPA 7471 (Mercury)	06/02/98	ND	Soil, mg/kg	0.10	0.10	DJ
26315-010	D69-S	EPA 7471 (Mercury)	06/02/98	ND	Soil, mg/kg	0.10	0.10	DJ
26315-011	D69-3	EPA 7471 (Mercury)	06/02/98	ND	Soil, mg/kg	0.10	0.10	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: 6/3/98
Cheryl De Los Reyes
Department Supervisor

The cover letter is an integral part of this analytical report

Spike Recovery and RPD Summary Report

Method: SPA7471
Analyst: CDS/DF
Data File: 80602-2
QA File: 8154-2

Date Analyzed: 06-02-98
Date Digested: 06-02-98
Sample ID: 26315-002
Matrix: SOIL/SOLID/LIQUID
QC Batch Number: HG980602S-2

SPL ID	UNITS	LCS Conc	LCS Res	%Rec	METH BLANK	SPL CONC	SPL DUP	%Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	%REC Limit	RPD	RPD Limit	MDL
26315-002	mg/kg	0.50	0.57	114	ND	ND	ND	0	0.83	1.00	0.90	120	108	63-139	11	30	0.16
26316-001	mg/kg	0.50	0.55	110	ND	ND	ND	0	0.83	1.09	0.85	120	102	63-139	16	30	0.10
26326-005	mg/kg	0.50	0.58	116	ND	ND	ND	0	0.83	0.98	0.88	108	106	63-139	11	30	0.10
26310-004	mg/kg	0.50	0.51	102	ND	ND	ND	0	0.83	0.79	0.71	95	86	63-139	11	30	0.20
26310-016	mg/kg	0.50	0.54	108	ND	ND	ND	0	0.83	0.85	0.88	102	106	63-139	3	30	0.16

Approved by: _____
Cheryl De Los Reyes
Inorganics Supervisor

Date: 6/3/98

Advanced Technology Laboratories

Pace Analytical

1 or 2

423686

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace	Report To: Richard	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address:	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone:	Project Name / No. 980549-01		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST	REMARKS
1	T4-1-5		SOIL								X	
2	T4-1-3										X	
3	T1-1-5										X	
4	T1-1-3										X	
5	T1-1-5										X	
6	D72-5										X	
7	D72-3										X	
8	D73-5										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature]	5/27/98		[signature] ATL	5/27	4:35

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 601887284 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: D73-3 0 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/03/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/03/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/03/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/03/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/03/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/03/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/03/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/03/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/03/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/03/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/03/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/03/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/03/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/03/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/03/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/03/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/03/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/03/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/03/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/03/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/03/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/03/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/03/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/03/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/03/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/03/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/03/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/03/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/03/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/03/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/03/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/03/98	DM	87-86-5		U

Pace Project Number: 6021824
Client Project ID. 980519-01

Pace Sample No.: 601887284 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: D73-3 0 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/03/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/03/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/03/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	208	%			06/03/98	DM	118-79-6	4	
2-Fluorobiphenyl (S)	97	%			06/03/98	DM	321-60-8		
2-Fluorophenol (S)	106	%			06/03/98	DM	367-12-4		
Nitrobenzene-d5 (S)	97	%			06/03/98	DM	4165-60-0		
Phenol-d6 (S)	103	%			06/03/98	DM	13127-88-3		
Terphenyl-d14 (S)	127	%			06/03/98	DM	1718-51-0		
Date Extracted	05/28/98					DM			
Total EPA 8270	**ND**								

Pace Project Number: 6021824
Client Project ID: 980519-01

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Surrogate spike recovery outlier above upper control limit.
[2]	The sample contains a matrix interference requiring sample dilution. The method detection limits are adjusted for the dilution and the sur
[3]	The sample contains matrix interference requiring sample dilution. The method detection limits are adjusted for the dilution and the surro
[4]	High surrogate recovery.HOwever no target analyte hits were reported and therefore should not affect the quality of the data.

Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646446
Client Sample ID: T4-1-5.0

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/26/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/26/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/26/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/26/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/26/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/26/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/26/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/26/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/26/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/26/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/26/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10648446
Client Sample ID: T4-1-5.0

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/26/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/26/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/26/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/26/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/26/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/26/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/26/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/26/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/26/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/26/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/26/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/26/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/26/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/26/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/26/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/26/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612 617-6400
Fax: 612-617-6444

Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10548446
Client Sample ID: T4-1-5.0
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/26/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	112	%		*	05/26/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	96	%		*	05/26/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/26/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/26/98	SAC	2037-26-5		

Total EPA 8260 ND

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107502
Client Project ID: 980519-01 /980519

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[I]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1249, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10546404
Client Sample ID: T4-1-SUR

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/01/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/01/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arachlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980518 03/-02/-01

Pace Sample No.: 10646404
Client Sample ID: T4-1-SUR

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/01/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/01/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/01/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/01/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/01/98	TAW	67-64-1	2	J
Benzene	ND	ug/kg	5	*	06/01/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/01/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/01/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/01/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/01/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/01/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10046404
Client Sample ID: T4-1-SUR
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/01/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/01/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/01/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/01/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/01/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/01/98	TAW	7816-60-0		U
Methyl tert-butyl Ether	ND	ug/kg	5	*	06/01/98	TAW	1634-04-4		U
Methylene Chloride	trace	ug/kg	5	*	06/01/98	TAW	75-09-2	2,3	J
n-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/01/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/01/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/01/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/01/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/01/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/01/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/01/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/01/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/01/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10645404
Client Sample ID: T4-1-SUR
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/01/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	124	%		*	06/01/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/01/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/01/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/01/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646412
Client Sample ID: T4-1-3
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/01/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/01/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646412
Client Sample ID: T4-1-3
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/01/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/01/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/01/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/01/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/01/98	TAW	67-64-1	1,2	JB
Benzene	ND	ug/kg	5	*	06/01/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/01/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/01/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/01/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/01/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/01/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 06/10/98
PAGE: 52

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646412
Client Sample ID: T4-1-3

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/01/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/01/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/01/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/01/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/01/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/01/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/01/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/01/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/01/98	TAW	91-20-3		U
O-Xylene (1,2 Dimethylbenzene)	ND	ug/kg	5	*	06/01/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/01/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/01/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/01/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/01/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/01/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/01/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646412
Client Sample ID: T4-1-3

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/01/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	124	%		*	06/01/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	105	%		*	06/01/98	TAW	460-00-4		
Dibromofluoromethane (S)	110	%		*	06/01/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/01/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Tel: 612-607-6400
Fax: 612-607-6444

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646420
Client Sample ID: D69-SUR
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	87 61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/01/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/01/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646420
Client Sample ID: D60-SUR

Date Collected: 05/19/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2 Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/01/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/01/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/01/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/01/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/01/98	TAW	67-64-1	1,2	JB
Benzene	ND	ug/kg	5	*	06/01/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/01/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/01/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/01/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/01/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/01/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646420
Client Sample ID: D69-SUR

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/01/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/01/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/01/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/01/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/01/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/01/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/01/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/01/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/01/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/01/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/01/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/01/98	TAW	100-42-5		U
tert Amylmethyl ether	ND	ug/kg	5	*	06/01/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/01/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/01/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/01/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646420
Client Sample ID: D69-SUR
Date Collected: 05/19/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/01/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	124	%		*	06/01/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/01/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/01/98	TAW	1868-53-7		
Toluene-d8 (S)	104	%		*	06/01/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646438
Client Sample ID: D69-3.0
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/01/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/01/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 06/10/98
PACE: 59

Pace Project Number: 107503
Client Project ID: 980518 03/-02/-01

Pace Sample No.: 10646438
Client Sample ID: D69-3.0

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/01/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/01/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/01/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/01/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/01/98	TAW	67-64-1	1,2	JB
Benzene	ND	ug/kg	5	*	06/01/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/01/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/01/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/01/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/01/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/01/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-07/-01

Pace Sample No.: 10646438
Client Sample ID: D69-3.0
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/01/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/01/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/01/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/01/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/01/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/01/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/01/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/01/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/01/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/01/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/01/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/01/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/01/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/01/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/01/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/01/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 580519-03/-02/-01

Pace Sample No.: 10646436
Client Sample ID: D69-3.0

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/01/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	124	%		*	06/01/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/01/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/01/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/01/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Fax: 612-617-6444

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
[2]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[3]	Common laboratory contaminant.
[4]	The internal standard response was below criteria due to the purging efficiency of the soil matrix. Results may be biased high.

* Indicates MDL not available, s surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

1320 W. WINTON AVE

423305

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510-785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No. 980519-01
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SFW		*Requested Due Date:

Sampler Signature: CHRIS MERRITT Date Sampled: 5/18/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	4020	8260	8270	6050 PAH	CAM 17
1	TH-1-5	0814									X		X		X	
2	TH-1-3.0	0822									X		X		X	
3	TH-1-5.0	0839									X		X		X	
4	TH-1-10.0	0845									X		X		X	
5	T1-1-5	0934									X	X		X	X	
6	T1-1-3.0	0941									X	X		X	X	
7	T1-1-5.0	0950									X	X		X	X	
8																

REMARKS: RUSH ARCHIVE

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/18/98	1524	CALIFORNIA OVERNITE	5/19/98	

SAMPLE CONDITION

Temp: ___ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

Pace Analytical

423306

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No: 980519-01
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SFW		*Requested Due Date:

Sampler Signature: CHRIS MERRITT Date Sampled: 5/18/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020	8260	8270	5030 PQB (AM 1)	REMARKS
1	D72-5	1152	SOIL								X	X		X	X	X		
2	D72-3.0	1153									X	X		X	X	X		
3	D73-5	1215									X	X		X		X		
4	D73-3.0	1246									X	X		X		X		
5	D69-5	1332									X		X			X		
6	D69-3.0	1342									X		X			X		
7																		
8																		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/18/98	1628	CALIFORNIA OVERNITE	5/18/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

13252A

423305

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510-785-1111	P.O. # / Billing Reference: 46001 SFW		Pace Project No. 980519-01
	Project Name / No.: CALTRANS SFW		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT Date Sampled: 5/18/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	4020	8260	5210	8050 PAH (CAM 17)	STLC Pb	REMARKS
1	TH-1-5	0814									X		X			X	⊗	
2	TH-1-3.0	0822									X		X			X		
3	TH-1-5.0	0839									X		X			X		RUSH
4	~~TH-1-10.0~~	0845		SEE A							⊗		⊗			⊗		ARCHIVE
5	T1-1-5	0934									X	X		X		X	⊗	
6	T1-1-3.0	0941									X	X		X		X		
7	T1-1-5.0	0950									X	X		X		X	⊗	
8																		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/18/98	1528	CALIFORNIA OVERNITE	5/19/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

13252A

423306

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No. 980519-01
	Project Name / No.: CALTRANS SFW		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 5/18/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH/S	8020	8260	4270	8080 PCB (AM LT)	SILC Pb	REMARKS
D72-5	1132	SOIL	5/27A							X	X		X	X	X	
D72-3.0	1153									X	X		X	X	X	(X)
D73-5	1215									X	X		X		X	
D73-3.0	1246									X	X		X		X	
D69-5	1332		5/27B							X		X			X	(X)
D69-3.0	1342									X		X			X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/18/98	1528	CALIFORNIA OVERNITE	5/18/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

1 of 2

423664

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical	Report To: Richard V.	Turn around Time: ☐ 24 Hours ☒ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 2970 Gilman Av Long Beach, CA 90815	Bill To:		Pace Project Manager
Phone: 498-9515	P.O. # / Billing Reference		Pace Project No. 7805M-21
	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sample Signature | Date Sampled

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: HS	REMARKS
1	T4-1-5.0		Soil								X	
2	T1-4-5		X								X	
3	T2-2-5		X								X	
4	T3-3-5										X	
5	T3-4-5										X	
6	T3-5-10										X	
7	T1-3-10										X	
8	T1-3-5										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	[illegible]	5/26/10		[illegible]		

SAMPLE CONDITION

Temp: _____°C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Face Analytical

2012

423665

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical	Report To: Richard V.	Turn around Time: ☐ 24 Hours ☒ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No. T605-11-21
Phone 419-425-9515	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature Date Sampled

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Hg	REMARKS
1	T1-4-5		SOIL								X	
2												
3												
4												
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	FDC	5/24/18				

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8 of

Pace Analytical

1 of 2

423686

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace

Address:

Phone:

Report To: Richard

Bill To:

P.O. # / Billing Reference:

Project Name / No.: 980569-01

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3 5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.:

Pace Project Manager:

Pace Project No.:

Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: H2	REMARKS
1	T4-1-5		Soil								X	
2	T4-1-3										X	
3	T1-1-5										X	
4	T1-1-3										X	
5	T1-1-5										X	
6	D11-5										X	
7	D11-3										X	
8	D11-5										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible]	5/27/98				

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646446
Client Sample ID: T4-1-5.0

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

GC/MS – VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-34-3		U
1,1 Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	95-63-6		U
1,2 Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/26/98	SAC	106 93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	95 50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/26/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax. 562-597-0786

Pace Analytical

Client Name:	PROFESSIONAL SERVICES INDUSTRIES, INC. 1320 W. WINTON AVENUE HAYWARD, CA 94545
Report To:	FRANK POSS
Project Name:	WEST APPROACH
Site Location:	
Date:	6/25/98

PACE ANALYTICAL Project #: 980519-02
PACE ANALYTICAL WO #: 13263A
Client ID #: 575-8G001

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/18/98 and received on 05/18/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TPH-Speciation (Soil)	2-3
BTEX (Soil)	4-5
CCR Metals (Soil)	6-13
List of Abbreviations and Definitions	14

In addition the analysis for 8260, 8270, 8080 & Mercury were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597 0786

Pace Analytical

PACE ANALYTICAL Project#:980519 02
PACE ANALYTICAL WO#:13253A
Client ID#:575-8G001

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	PRL mg/Kg	DF
Client ID:	Analysis Date			
Method Blank	05/26/98	<10	10	1
T2-2-S	05/26/98	<10	10	1
T6-4-S	05/27/98	<10	10	1
T6-4-3	05/27/98	<10	10	1
T6-4-5	05/27/98	<10	10	1
T2-2-3	05/27/98	<10	10	1
T2-2-5	05/27/98	<10	10	1
T2-3-S	05/27/98	<10	10	1
T2-3-3	05/27/98	<10	10	1
T2-3-5	05/27/98	<10	10	1
T2-5-S	05/27/98	<10	10	1
T2-5-3	05/27/98	<10	10	1
T2-4-S	05/27/98	<10	10	1
T2-4-3	05/27/98	<10	10	1
T2-4-5	05/27/98	<10	10	1
T2-5-5	05/27/98	<10	10	1
T2-5-10	05/27/98	<10	10	1
T1-2-S	05/27/98	<10	10	1
T1-2-3	05/27/98	<10	10	1
T1-2-5	05/27/98	<10	10	1
T1-2-10	05/27/98	<10	10	1
T1-4-3	05/27/98	<10	10	1
T1-3-S	06/01/98	<10	10	1
T1-3-3	06/01/98	<10	10	1
T1-4-S	06/01/98	<10	10	1
T1-4-5	06/01/98	<10	10	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980519-02
PACE ANALYTICAL WO#:13253A
Client ID#:575-80001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/26/98		05/26/98	05/26/98			
TPH-Speciation	120	80-120	130	118	70-130	9.7	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/27/98		05/27/98	05/27/98			
TPH-Speciation	111	80-120	120	124	70-130	3.3	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/01/98		06/01/98	06/01/98			
TPH-Speciation	115	80-120	123	113	70-130	8.5	0-30

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#.980510-02
PACE ANALYTICAL WO#.13253A
Client ID#:575 0G001

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	T6-4-S	T6-4-3.0	T6-4-5	T2-2-S	T2-2-3.0	T2-2-5	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	92	96	96	94	92	92	59-134

Client ID:	T2-4-S	T2-4-3.0	T2-4-5	T1-3-S	T1-3-3.0	Method Blank	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	90	92	90	80	88	87	59-134

REPORT OF LABORATORY ANALYSIS

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Face Analytical

1 of 2

423687

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace	Report To: Richard	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address:	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone:	Project Name / No.: 980519-01		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: HG	REMARKS
1	D73-3		SOIL		1						X	
2	D69-5				1						X	
3	D69-3				1						X	
4												
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	[illegible]	5/27/98		[illegible] AIL	5/27	4:35

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8-97

Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913 599-5665
Fax: 913-599-1759

June 04, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GITMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021824
Client Project ID: 980519-01

Dear :

Enclosed are the results of analyses for sample(s) received on May 20, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, Inc.

SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 6018872227 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-1-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/02/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/02/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/02/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/02/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/02/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/02/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/02/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/02/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/02/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/02/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/02/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.198	06/02/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/02/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/02/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/02/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/02/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/02/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/02/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	16.064	06/02/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/02/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	06/02/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/02/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/02/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/02/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/02/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/02/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/02/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/02/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/02/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/02/98	DM	120-12-7		U

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 601887227 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-1-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/02/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/02/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/02/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/02/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/02/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/02/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/02/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/02/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/02/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/02/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/02/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/02/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/02/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/02/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/02/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/02/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/02/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/02/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/02/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/02/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/02/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/02/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/02/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/02/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/02/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/02/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/02/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/02/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/02/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/02/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/02/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/02/98	DM	87-86-5		U

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 601887227 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-1-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/02/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/02/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/02/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	104	%			06/02/98	DM	118-79-6		
2-Fluorobiphenyl (S)	78	%			06/02/98	DM	321-60-8		
2-Fluorophenol (S)	88	%			06/02/98	DM	367-12-4		
Nitrobenzene-d5 (S)	78	%			06/02/98	DM	4165-60-0		
Phenol-d6 (S)	81	%			06/02/98	DM	13127-88-3		
Terphenyl-d14 (S)	97	%			06/02/98	DM	1718-51-0		
Date Extracted	05/28/98					DM			
Total EPA 8270	ND								

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 601887235
Client Sample ID: T1-1-3.0
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/02/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/02/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/02/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/02/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/02/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/02/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.930	06/02/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/02/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/02/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/02/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/02/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/02/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/02/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/02/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/02/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/02/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/02/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/02/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	16.064	06/02/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/02/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	06/02/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/02/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/02/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/02/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/02/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/02/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/02/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/02/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/02/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/02/98	DM	120-12-7		U

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 601887235 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-1-3 0 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/02/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/02/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/02/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/02/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/02/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/02/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/02/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/02/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/02/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/02/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/02/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/02/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/02/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/02/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/02/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/02/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/02/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/02/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/02/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/02/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/02/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/02/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/02/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/02/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/02/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/02/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/02/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/02/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/02/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/02/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/02/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/02/98	DM	87-86-5		U

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 601887235 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-1-3 0 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/02/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/02/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/02/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	142	%			06/02/98	DM	118-79-6	1	
2-Fluorobiphenyl (S)	83	%			06/02/98	DM	321-60-8		
2-Fluorophenol (S)	99	%			06/02/98	DM	367-12-4		
Nitrobenzene-d5 (S)	87	%			06/02/98	DM	4165-60-0		
Phenol-d6 (S)	89	%			06/02/98	DM	13127-88-3		
Terphenyl-d14 (S)	102	%			06/02/98	DM	1718-51-0		
Date Extracted	05/28/98					DM			
Total EPA 8270	**ND**								

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 601887243 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-1-5.0 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/02/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/02/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	19.805	06/02/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/02/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/02/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/02/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/02/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/02/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/02/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/02/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/02/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/02/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/02/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/02/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.025	06/02/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/02/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/02/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/02/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/02/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.902	06/02/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.169	06/02/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/02/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/02/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/02/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/02/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/02/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/02/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/02/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/02/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/02/98	DM	120-12-7		U

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 601887243 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-1-5 0 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/02/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/02/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/02/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/02/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/02/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/02/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/02/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/02/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/02/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/02/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/02/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/02/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/02/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/02/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/02/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/02/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/02/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/02/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/02/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/02/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/02/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/02/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/02/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/02/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/02/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/02/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/02/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/02/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/02/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/02/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/02/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/02/98	DM	87-86-5		U

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 60188724 3 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-1-5 0 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/02/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18 526	06/02/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9 6/14	06/02/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	102	%			06/02/98	DM	118-79-6		
2-Fluorobiphenyl (S)	64	%			06/02/98	DM	321-60-8		
2 Fluorophenol (S)	76	%			06/02/98	DM	367-12-4		
Nitrobenzene-d5 (S)	68	%			06/02/98	DM	4165-60-0		
Phenol-d6 (S)	70	%			06/02/98	DM	13127-88-3		
Terphenyl-d14 (S)	84	%			06/02/98	DM	1718-51-0		
Date Extracted	05/28/98					DM			
Total EPA 8270	**ND**								

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.:	601887250	Date Collected:	05/18/98	Matrix:	Soil
Client Sample ID:	D72-S	Date Received:	05/20/98		

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/28/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/28/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/28/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/28/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/28/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/28/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	660		05/28/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	0	%			05/28/98	AFT	2051-24-3	2	
Tetrachloro-meta-xylene (S)	0	%			05/28/98	AFT	877-09-8		
Date Extracted	05/26/98					AFT			
Total EPA 8082	**ND**								

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 501887250 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: D72-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/02/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/02/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/02/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/02/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/02/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/02/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/02/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/02/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/02/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/02/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/02/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/02/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/02/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/02/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/02/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/02/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/02/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/02/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/02/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/02/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.160	06/02/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/02/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/02/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/02/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/02/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/02/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/02/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.026	06/02/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/02/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/02/98	DM	120-12-7		U

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 601887250
Client Sample ID: D72-S

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/02/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/02/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/02/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/02/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/02/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/02/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/02/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/02/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/02/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/02/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/02/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/02/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/02/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/02/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/02/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/02/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/02/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/02/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/02/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/02/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/02/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/02/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/02/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/02/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/02/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/02/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/02/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/02/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/02/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/02/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/02/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/02/98	DM	87-86-5		U

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 601887250 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: D72-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/02/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/02/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.5714	06/02/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	81	%			06/02/98	DM	118-79-6		
2-Fluorobiphenyl (S)	72	%			06/02/98	DM	321-60-8		
2-Fluorophenol (S)	83	%			06/02/98	DM	367-12-4		
Nitrobenzene-d5 (S)	73	%			06/02/98	DM	4165-60-0		
Phenol d6 (S)	80	%			06/02/98	DM	13127-88-3		
Terphenyl-d14 (S)	84	%			06/02/98	DM	1718-51-0		
Date Extracted	05/28/98					DM			
Total EPA 8270	**ND**								

Pace Project Number: 6021024
Client Project ID: 980519-01

Pace Sample No.: 60168726B
Client Sample ID: D72-3 0
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082					Prep Method: EPA 8082			
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/29/98	AKG	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/29/98	AKG	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/29/98	AKG	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/29/98	AKG	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/29/98	AKG	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/29/98	AKG	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	660		05/29/98	AKG	11096-82-5		U
Decachlorobiphenyl (S)	0	%			05/29/98	AKG	2051-24-3	3	
Tetrachloro-meta-xylene (S)	0	%			05/29/98	AKG	877-09-8		
Date Extracted	05/26/98					AKG			
Total EPA 8082	**ND**								

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 601887268
Client Sample ID: D72-3 0
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Semivolatile Organics

GC/MS - - Semi-VOA — Method: EPA 8270 — Prep Method: EPA 8270

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/03/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/03/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/03/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	06/03/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/03/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/03/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	06/03/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/03/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/03/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/03/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/03/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/03/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/03/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/03/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/03/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/03/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/03/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/03/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/03/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/03/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/03/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/03/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/03/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/03/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/03/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/03/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/03/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/03/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/03/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/03/98	DM	120-12-7		U

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 601887268 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: D72-3 0 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/03/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/03/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/03/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/03/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/03/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/03/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/03/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/03/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/03/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/03/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/03/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/03/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	06/03/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	06/03/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/03/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/03/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	06/03/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/03/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/03/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/03/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/03/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/03/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/03/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	06/03/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/03/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/03/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/03/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/03/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/03/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	06/03/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/03/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/03/98	DM	87-86-5		U

Pace Project Number: 6021824
Client Project ID: 990519-01

Pace Sample No.: 601887268 Date Collected. 05/18/98 Matrix: Soil
Client Sample ID: D72-3 0 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	06/03/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.62	06/03/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/03/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	72	%			06/03/98	DM	118-79-6		
2-Fluorobiphenyl (S)	71	%			06/03/98	DM	321-60-8		
2-Fluorophenol (S)	86	%			06/03/98	DM	367-12-4		
Nitrobenzene-d5 (S)	73	%			06/03/98	DM	4165-60-0		
Phenol-d6 (S)	72	%			06/03/98	DM	13127-88-3		
Terphenyl-d14 (S)	100	%			06/03/98	DM	1718-51-0		
Date Extracted	05/28/98					DM			
Total EPA 8270	**ND**								

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 001887276 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: D73-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/03/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/03/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/03/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	06/03/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/03/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/03/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	06/03/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/03/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/03/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/03/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/03/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/03/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/03/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/03/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/03/98	DM	95-48-7		U
2 Nitroaniline	ND	ug/kg	3200	17.5	06/03/98	DM	88-74 4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/03/98	DM	88 75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/03/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/03/98	DM	99-09-2		U
4 6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/03/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/03/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/03/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/03/98	DM	106-47 8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/03/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/03/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10 5	06/03/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/03/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/03/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/03/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/03/98	DM	120-12-7		U

Pace Project Number: 6021924
Client Project ID: 980519-01

Pace Sample No: 601887276 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: 073-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/03/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/03/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/03/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/03/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/03/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/03/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/03/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	19.42	06/03/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/03/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/03/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/03/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/03/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	06/03/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	06/03/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	16.78	06/03/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/03/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	06/03/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/03/98	DM	84 66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/03/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	16.78	06/03/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/03/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/03/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/03/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	06/03/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/03/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/03/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/03/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/03/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/03/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	19.9	06/03/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/03/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/03/98	DM	87-86-5		U

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 601887276 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: 073-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	06/03/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.62	06/03/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/03/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	117	%			06/03/98	DM	118-79-6		
2-Fluorobiphenyl (S)	78	%			06/03/98	DM	321-60-8		
2-Fluorophenol (S)	95	%			06/03/98	DM	367-12-4		
Nitrobenzene-d5 (S)	83	%			06/03/98	DM	4165-60-0		
Phenol-d6 (S)	83	%			06/03/98	DM	13127-88-3		
Terphenyl-d14 (S)	111	%			06/03/98	DM	1718-51-0		
Date Extracted	05/28/98					DM			
Total EPA 8270	**ND**								

Pace Project Number: 6021824
Client Project ID: 980519-01

Pace Sample No.: 601887284 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: D73-3 0 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/03/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/03/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/03/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/03/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/03/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/03/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/03/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/03/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/03/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/03/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/03/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/03/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/03/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/03/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/03/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/03/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/03/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/03/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/03/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/03/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	06/03/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/03/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/03/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/03/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/03/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/03/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/03/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/03/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/03/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/03/98	DM	120-12-7		U

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/20/98		05/20/98	05/20/98			
Analyte							
Benzene	89	74-116	90	88	72-115	2.2	0-26
Toluene	93	73-116	93	91	70-114	2.2	0-22
Ethylbenzene	94	75-118	94	95	68-119	1.1	0-24
Total Xylenes	97	78-120	97	95	74-117	2.1	0-22

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PACE ANALYTICAL Project# 980519-02
PACE ANALYTICAL, WO#:10250A
Client ID#:575-8G001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T6-4-S	T6-4-3	T6-4-5	T2-2-S	T2-2-3	T2-2-5	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/03/98	06/03/98	06/03/98	06/03/98	06/03/98	06/03/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	55	56	47	180	32	21	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	49	81	63	16	27	27	0.5	6010
Cobalt (Co)	12	2.8	7.4	9.9	4.1	4.4	1.0	6010
Copper (Cu)	8.5	5.4	4.0	19	4.0	2.6	2.5	6010
Lead (Pb)	5.4	2.9	<1.0	27	98	30	1.0	6010
Mercury (Hg)*	<0.10	0.15	<0.10	<0.10	0.13	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	30	49	54	22	22	20	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	39	23	31	18	18	20	0.5	6010
Zinc (Zn)	27	24	23	57	70	35	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed at ATL on 06/02/98.

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PACE ANALYTICAL Project#:980510-02
PACE ANALYTICAL WO#:13253A
Client ID#:575-8C001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T2-3-S	T2-3-3	T2-3-5	T2-4-S	T2-4-3	T2-4-5	PRL	EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Method
Date Analyzed:	06/03/98	06/03/98	06/03/98	06/03/98	06/03/98	06/03/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	7.3	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	180	48	43	67	110	45	10	6010
Beryllium (Be)	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	25	65	60	54	29	31	0.5	6010
Cobalt (Co)	16	9.4	5.1	3.8	4.7	4.4	1.0	6010
Copper (Cu)	35	8.0	18	8.1	30	8.3	2.5	6010
Lead (Pb)	15	11	260	4.3	200	56	1.0	6010
Mercury (Hg)*	<0.10	<0.10	0.17**	<0.10	0.54	0.13**	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	44	37	51	24	21	19	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	23	45	16	25	17	22	0.5	6010
Zinc (Zn)	85	30	86	27	150	48	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed at ATL on 06/02/98.
**Mercury analyzed at ATL on 05/28/98.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/03/98		06/03/98	06/03/98			
Analyte	EPA Method							
Antimony (Sb)	6010	86	70-130	58*	57*	60-130	1.7	0-25
Arsenic (As)	6010	88	78-104	86	82	34-135	4.8	0-15
Barium (Ba)	6010	95	81-117	94	90	55-130	6.9	0-25
Beryllium (Be)	6010	89	70-130	80	79	70-130	1.3	0-25
Cadmium (Cd)	6010	86	75-104	77	77	73-115	0.0	0-15
Chromium (Cr)	6010	87	81-103	66	82	62-125	22	0-15
Cobalt (Co)	6010	87	70-130	73	74	70-130	1.4	0-25
Copper (Cu)	6010	91	70-130	74	80	70-140	7.8	0-25
Lead (Pb)	6010	82	76-104	54	66	48-120	20	0-30
Mercury (Hg)**	7471	112	76-121	120	102	70-135	16	0-30
Molybdenum (Mo)	6010	88	70-130	76	76	70-130	0.0	0-25
Nickel (Ni)	6010	91	70-130	64	74	70-130	15	0-25
Selenium (Se)	6010	87	79-102	73	73	42-120	0.0	0-16
Silver (Ag)	6010	90	77-107	81	85	53-115	4.8	0-19
Thallium (Tl)	6010	86	70-130	77	73	70-130	5.3	0-25
Vanadium (V)	6010	89	70-130	73	85	70-130	15	0-25
Zinc (Zn)	6010	90	70-130	68*	73	70-130	7.1	0-25

*Sample matrix effect
**Mercury analyzed at ATL on 06/02/98

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Tel: 562-498-9515
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PACE ANALYTICAL Project#:980519-02
PACE ANALYTICAL WO#:13253A
Client ID#:575-6G001

Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T2-5-S	T2-5-3	T2-5-5	T2-5-10	T1-2-5	T1-2-10	PRL	EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Method
Date Analyzed:								
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	6.0	<5.0	5.0	6010
Barium (Ba)	160	170	110	81	30	14	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	0.8	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	41	30	27	40	21	17	0.5	6010
Cobalt (Co)	12	7.3	4.6	8.8	3.2	2.1	1.0	6010
Copper (Cu)	32	64	17	8.4	8.7	4.6	2.5	6010
Lead (Pb)	140	270	430	4.9	460	2.6	1.0	6010
Mercury (Hg)*	0.22	0.22	0.87	<0.10**	<0.10	<0.10**	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	32	24	20	22	12	16	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	35	24	19	31	19	14	0.5	6010
Zinc (Zn)	100	220	110	24	340	20	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed at ATL on 06/02/98.
**Mercury analyzed at ATL on 05/28/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project# 980519-02
PACE ANALYTICAL WO#:13253A
Client ID#:575-0G001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T1-3-S	T1-3-3	T1-4-S	T1-4-3	T1-4-5	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/03/98	06/03/98	06/03/98	06/03/98	06/03/98	06/03/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	9.6	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	230	98	210	74	74	<10	10	6010
Beryllium (Be)	0.6	<0.5	0.6	0.6	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	0.5	0.8	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	22	25	26	20	37	<0.5	0.5	6010
Cobalt (Co)	14	5.4	14	9.9	5.2	<1.0	1.0	6010
Copper (Cu)	45	21	35	7.4	8.2	<2.5	2.5	6010
Lead (Pb)	67	200	24	15	17	<1.0	1.0	6010
Mercury (Hg)*	<0.10	0.48**	<0.10	<0.10	0.28**	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	37	22	44	31	31	<0.5	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	5.7	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	21	17	24	21	26	<0.5	0.5	6010
Zinc (Zn)	83	140	93	33	31	<10	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed at ATL on 06/02/98.
**Mercury analyzed at ATL on 05/28/98.

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Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980519-07
PACE ANALYTICAL WO#:13253A
Client ID#:575-8Q001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/03/98		06/03/98	06/03/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	85	70-130	58*	57*	60-130	1.7	0-25
Arsenic (As)	6010	88	78-104	86	82	34-135	4.8	0-15
Barium (Ba)	6010	97	81-117	84	90	55-130	6.9	0-25
Beryllium (Be)	6010	89	70-130	80	79	70-130	1.3	0-25
Cadmium (Cd)	6010	85	75-104	77	77	73-115	0.0	0-15
Chromium (Cr)	6010	88	81-103	66	82	62-125	22	0-15
Cobalt (Co)	6010	88	70-130	73	74	70-130	1.4	0-25
Copper (Cu)	6010	92	70-130	74	80	70-140	7.8	0-25
Lead (Pb)	6010	84	76-104	54	66	48-120	20	0-30
Mercury (Hg)**	7471	112	76-121	120	102	70-135	16	0-30
Molybdenum (Mo)	6010	90	70-130	76	76	70-130	0.0	0-25
Nickel (Ni)	6010	92	70-130	64*	74	70-130	14	0-25
Selenium (Se)	6010	87	79-102	73	73	42-120	0.0	0-18
Silver (Ag)	6010	91	77-107	81	85	53-115	4.8	0-19
Thallium (Tl)	6010	86	70-130	77	73	70-130	5.3	0-25
Vanadium (V)	6010	90	70-130	73	85	70-130	15	0-25
Zinc (Zn)	6010	90	70-130	68*	73	70-130	7.1	0-25

*Sample matrix effect.
**Mercury analyzed at ATL on 06/02/98.

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Pace Analytical

PACE ANALYTICAL Project#:980519-02
PACE ANALYTICAL WO#:13253A
Client ID#:575-8G001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T1-2-5	T1-2-3	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/23/98	06/23/98	06/23/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.2	<5.0	<5.0	5.0	6010
Barium (Ba)	38	110	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	8.7	37	<0.5	0.5	6010
Cobalt (Co)	4.0	5.3	<1.0	1.0	6010
Copper (Cu)	12	40	<2.5	2.5	6010
Lead (Pb)	7.4	2400	<1.0	1.0	6010
Mercury (Hg)*	<0.10	<0.10	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	13	7.9	<0.5	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	9.0	18	<0.5	0.5	6010
Zinc (Zn)	29	1100	<10	10	6010
DF	1	1	1		

*Mercury analyzed at ATL on 06/02/98.

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Pace Analytical

PACE ANALYTICAL Project#:980519-02
PACE ANALYTICAL WO#:13253A
Client ID#:575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/23/98		06/23/98	06/23/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	90	70-130	19	18	60-130	5.4	0-25
Arsenic (As)	6010	90	78-104	23	25	34-135	8.3	0-15
Barium (Ba)	6010	95	91-117	34	36	55-130	5.7	0-25
Beryllium (Be)	6010	88	70-130	28	22	70-130	17	0-25
Cadmium (Cd)	6010	90	75-104	25	21	73-115	17	0-15
Chromium (Cr)	6010	94	81-103	29	25	62-125	15	0-15
Cobalt (Co)	6010	92	70-130	28	22	70-130	24	0-25
Copper (Cu)	6010	90	70-130	26	22	70-140	17	0-25
Lead (Pb)	6010	113	76-104	24	21	48-120	13	0-30
Mercury (Hg)*	7471	112	76-121	120	102	70-135	16	0-30
Molybdenum (Mo)	6010	94	70-130	29	26	70-130	11	0-25
Nickel (Ni)	6010	91	70-130	27	21	70-130	25	0-25
Selenium (Se)	6010	92	79-102	27	23	42-120	16	0-15
Silver (Ag)	6010	90	77-107	24	20	53-115	18	0-19
Thallium (Tl)	6010	93	70-130	30	30	70-130	0.0	0-25
Vanadium (V)	6010	94	70-130	29	25	70-130	15	0-25
Zinc (Zn)	6010	98	70-130	26	23	70-130	12	0-25

*Mercury analyzed at ATL on 06/02/98.

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PACE ANALYTICAL Project#:980519-02
PACE ANALYTICAL WO#:13253A
Client ID#:575-8G001

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

June 10, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021825
Client Project ID: 980519-02

Dear :

Enclosed are the results of analyses for sample(s) received on May 20, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601897292 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T6-4-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/03/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/03/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	19.9	06/03/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.88	06/03/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/03/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/03/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	06/03/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/03/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/03/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/03/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/03/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/03/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/03/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/03/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/03/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/03/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/03/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/03/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/03/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/03/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/03/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/03/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/03/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/03/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/03/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/03/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/03/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/03/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/03/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/03/98	DM	120-12-7		U

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887292 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T6-4-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/03/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/03/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/03/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/03/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/03/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/03/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/03/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/03/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/03/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/03/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/03/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/03/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	06/03/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	06/03/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/03/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/03/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	06/03/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/03/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/03/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/03/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/03/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/03/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/03/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	06/03/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/03/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/03/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/03/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/03/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/03/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	06/03/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/03/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/03/98	DM	87-86-5		U

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887292 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T6-4-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.08	06/03/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.62	06/03/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/03/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	125	%			06/03/98	DM	118-79-6		
2-Fluorobiphenyl (S)	64	%			06/03/98	DM	321-60-8		
2-Fluorophenol (S)	70	%			06/03/98	DM	367-12-4		
Nitrobenzene-d5 (S)	62	%			06/03/98	DM	4165-60-0		
Phenol-d6 (S)	70	%			06/03/98	DM	13127-88-3		
Terphenyl-d14 (S)	80	%			06/03/98	DM	1718-51-0		
Date Extracted	05/28/98					DM			
Total EPA 8270	**ND**								

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887300 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T5-4-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/03/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	26.72	06/03/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/03/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	06/03/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/03/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/03/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	06/03/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/03/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/03/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/03/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/03/98	DM	606-20-2		U
2 Chloronaphthalene	ND	ug/kg	660	16.24	06/03/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/03/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.20	06/03/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/03/98	DM	95-48-7		U
2 Nitroaniline	ND	ug/kg	3200	17.5	06/03/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/03/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/03/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/03/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/03/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/03/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/03/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/03/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/03/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/03/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/03/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/03/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/03/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/03/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/03/98	DM	120-12-7		U

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887300 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T6-4-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/03/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/03/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/03/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/03/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/03/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/03/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/03/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/03/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/03/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/03/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/03/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/03/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	06/03/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	06/03/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/03/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/03/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	06/03/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/03/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/03/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/03/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/03/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/03/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/03/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	06/03/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/03/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/03/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/03/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/03/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/03/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	06/03/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/03/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/03/98	DM	87-86-5		U

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887300 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T6-4-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	06/03/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.62	06/03/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/03/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	136	%			06/03/98	DM	118-79-6		
2-Fluorobiphenyl (S)	71	%			06/03/98	DM	321-60-8		
2-Fluorophenol (S)	91	%			06/03/98	DM	367-12-4		
Nitrobenzene-d5 (S)	79	%			06/03/98	DM	4165-60-0		
Phenol-d6 (S)	82	%			06/03/98	DM	13127-88-3		
Terphenyl-d14 (S)	96	%			06/03/98	DM	1718-51-0		
Date Extracted	05/28/98					DM			
Total EPA 8270	ND								

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887318 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-2-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/03/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/03/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/03/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	06/03/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/03/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/03/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	06/03/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/03/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/03/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/03/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/03/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/03/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/03/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/03/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/03/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/03/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/03/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/03/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/03/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/03/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/03/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/03/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.64	06/03/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/03/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/03/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/03/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/03/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/03/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/03/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/03/98	DM	120-12-7		U

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887318 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-2-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/03/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/03/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/03/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/03/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/03/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/03/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/03/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/03/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/03/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/03/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/03/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/03/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	06/03/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	06/03/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/03/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/03/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	06/03/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/03/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/03/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/03/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/03/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/03/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/03/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	06/03/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/03/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/03/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/03/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/03/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/03/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	06/03/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/03/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/03/98	DM	87-86-5		U

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887318 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-2-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	06/03/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.62	06/03/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/03/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	101	%			06/03/98	DM	118-79-6		
2-Fluorobiphenyl (S)	81	%			06/03/98	DM	321-60-8		
2-Fluorophenol (S)	104	%			06/03/98	DM	367-12-4		
Nitrobenzene-d5 (S)	90	%			06/03/98	DM	4165-60-0		
Phenol-d6 (S)	96	%			06/03/98	DM	13127-88-3		
Terphenyl-d14 (S)	112	%			06/03/98	DM	1718-51-0		
Date Extracted	05/28/98					DM			
Total EPA 8270	**ND**								

Pace Project Number: 5021825
Client Project ID: 980519-02

Pace Sample No.: 601887326 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-2-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/03/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/03/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.809	06/03/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/03/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/03/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/03/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/03/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/03/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/03/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/03/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/03/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/03/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/03/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/03/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.926	06/03/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/03/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/03/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.85	06/03/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.084	06/03/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/03/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	06/03/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/03/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/03/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/03/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/03/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/03/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/03/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/03/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/03/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/03/98	DM	120-12-7		U

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887326 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-2-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/03/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/03/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/03/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/03/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/03/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/03/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/03/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/03/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/03/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/03/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/03/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/03/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/03/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/03/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/03/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/03/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/03/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/03/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/03/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/03/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/03/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/03/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/03/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/03/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/03/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/03/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/03/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/03/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/03/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/03/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/03/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/03/98	DM	87-86-5		U

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887326 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-2-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/03/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/03/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/03/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	151	%			06/03/98	DM	118-79-6		
2-Fluorobiphenyl (S)	87	%			06/03/98	DM	321-60-8		
2-Fluorophenol (S)	107	%			06/03/98	DM	367-12-4		
Nitrobenzene-d5 (S)	93	%			06/03/98	DM	4165-60-0		
Phenol-d6 (S)	98	%			06/03/98	DM	13127-88-3		
Terphenyl-d14 (S)	114	%			06/03/98	DM	1718-51-0		
Date Extracted	05/28/98					DM			
Total EPA 8270	**ND**								

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887334 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-4-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082					Prep Method: EPA 8082			
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/29/98	AKG	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/29/98	AKG	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/29/98	AKG	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/29/98	AKG	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/29/98	AKG	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/29/98	AKG	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	660		05/29/98	AKG	11096-82-5		U
Decachlorobiphenyl (S)	0	%			05/29/98	AKG	2051-24-3	1	
Tetrachloro-meta-xylene (S)	0	%			05/29/98	AKG	877-09-8		
Date Extracted	05/26/98					AKG			
Total EPA 8082	**ND**								

Pace Project Number: 6021828
Client Project ID: 980519-02

Pace Sample No.: 601887334 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-4-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/04/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/04/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/04/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.66	06/04/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.49	06/04/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/04/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	06/04/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/04/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/04/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/04/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/04/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/04/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/04/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/04/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/04/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/04/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.08	06/04/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/04/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/04/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/04/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/04/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/04/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/04/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/04/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/04/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/04/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/04/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/04/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/04/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/04/98	DM	120-12-7		U

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887334 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-4-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/04/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/04/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/04/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/04/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/04/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/04/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/04/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/04/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/04/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/04/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/04/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/04/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	06/04/98	DM	218-01-9		U
Di-n-butylphthalate	660	ug/kg	660	31.6	06/04/98	DM	84-74-2		
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/04/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/04/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	06/04/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/04/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/04/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/04/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/04/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/04/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/04/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	06/04/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/04/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/04/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/04/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/04/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/04/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	06/04/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/04/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/04/98	DM	87-86-5		U

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887334 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-4-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.66	06/04/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.62	06/04/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/04/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	37	%			06/04/98	DM	118-79-6		
2-Fluorobiphenyl (S)	77	%			06/04/98	DM	321-60-8		
2-Fluorophenol (S)	88	%			06/04/98	DM	367-12-4		
Nitrobenzene-d5 (S)	71	%			06/04/98	DM	4165-60-0		
Phenol-d6 (S)	75	%			06/04/98	DM	13127-88-3		
Terphenyl-d14 (S)	104	%			06/04/98	DM	1718-51-0		
Date Extracted	05/28/98					DM			
Total EPA 8270	**660**								

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887342 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-4-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SEMI VOLS	Method: EPA 8082					Prep Method: EPA 8082			
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/29/98	AKG	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/29/98	AKG	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/29/98	AKG	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/29/98	AKG	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/29/98	AKG	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/29/98	AKG	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	660		05/29/98	AKG	11096-82-5		U
Decachlorobiphenyl (S)	0	%			05/29/98	AKG	2051-24-3	1	
Tetrachloro-meta-xylene (S)	0	%			05/29/98	AKG	877-09-8		
Date Extracted	05/26/98					AKG			
Total EPA 8082	**ND**								

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887342 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-4-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/05/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/05/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.0	06/05/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	06/05/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/05/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/05/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	06/05/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/05/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/05/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/05/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/05/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/05/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/05/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/05/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/05/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/05/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/05/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/05/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/05/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/05/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/05/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/05/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/05/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/05/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/05/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/05/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/05/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/05/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/05/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/05/98	DM	120-12-7		U

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887342 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-4-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/05/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/05/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/05/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/05/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/05/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/05/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/05/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/05/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/05/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/05/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/05/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/05/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	06/05/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	06/05/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/05/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/05/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	06/05/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/05/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/05/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/05/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/05/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/05/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/05/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	06/05/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/05/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/05/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/05/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/05/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/05/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	06/05/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/05/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/05/98	DM	87-86-5		U

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 001867342 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2 4-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	06/05/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.62	06/05/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/05/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	89	%			06/05/98	DM	118-79-6		
2-Fluorobiphenyl (S)	84	%			06/05/98	DM	321-60-8		
2-Fluorophenol (S)	88	%			06/05/98	DM	367-12-4		
Nitrobenzene-d5 (S)	92	%			06/05/98	DM	4165-60-0		
Phenol-d6 (S)	88	%			06/05/98	DM	13127-88-3		
Terphenyl-d14 (S)	96	%			06/05/98	DM	1718-51-0		
Date Extracted	05/28/98					DM			
Total EPA 8270	**ND**								

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887359 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-3-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/04/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/04/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/04/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/04/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/04/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/04/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/04/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/04/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/04/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/04/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/04/98	DM	606-20-2		U
2 Chloronaphthalene	ND	ug/kg	660	16.158	06/04/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/04/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/04/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/04/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/04/98	DM	88-74 4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/04/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/04/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/04/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/04/98	DM	534-52-1		U
4-Bromophenyl phenylether	ND	ug/kg	660	14.168	06/04/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/04/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/04/98	DM	106 47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/04/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/04/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/04/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/04/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/04/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/04/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/04/98	DM	120-12-7		U

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 601887359 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-3-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/04/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/04/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/04/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/04/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/04/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/04/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/04/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/04/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/04/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/04/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/04/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/04/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/04/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/04/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/04/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/04/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/04/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/04/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/04/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/04/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/04/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/04/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/04/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/04/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/04/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/04/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/04/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/04/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/04/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/04/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/04/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/04/98	DM	87-86-5		U

Pace Project Number: 6021825
Client Project ID: 980519-02

Pace Sample No.: 501887359 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-3-S Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/04/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/04/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.0714	06/04/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	147	%			06/04/98	DM	118-79-6		
2-Fluorobiphenyl (S)	65	%			06/04/98	DM	321-60-8		
2-Fluorophenol (S)	88	%			06/04/98	DM	367-12-4		
Nitrobenzene-d5 (S)	76	%			06/04/98	DM	4165-60-0		
Phenol-d6 (S)	76	%			06/04/98	DM	13127-88-3		
Terphenyl-d14 (S)	97	%			06/04/98	DM	1718-51-0		
Date Extracted	05/29/98					DM			
Total EPA 8270	**ND**								

Pace Project Number: 6021825
Client Project ID: 980519-02

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	The sample contains matrix interference requiring sample dilution. The method detection limits are adjusted for the dilution and the surro

Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

June 02, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021821
Client Project ID: 980519-01

Dear :

Enclosed are the results of analyses for sample(s) received on May 20, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021821
Client Project ID: 980519-01

Pace Sample No.: 601887169 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T6-4-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/27/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/27/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/27/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/27/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/27/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/27/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/27/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/27/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/27/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/27/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/27/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/27/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/27/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/27/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/27/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/27/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/27/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/27/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/27/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/27/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/27/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/27/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/27/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/27/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/27/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/27/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/27/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/27/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/27/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/27/98	WAW	120-12-7		U

Pace Project Number: 6021821
Client Project ID: 980519-01

Pace Sample No.: 601887169 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T6-4-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/27/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/27/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/27/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/27/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/27/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/27/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/27/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/27/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/27/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/27/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/27/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/27/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/27/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/27/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/27/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/27/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/27/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/27/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/27/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/27/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/27/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/27/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/27/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/27/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/27/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/27/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/27/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/27/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/27/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/27/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/27/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/27/98	WAW	87-86-5		U

Pace Project Number: 6021821
Client Project ID: 980519-01

Pace Sample No.: 601807169 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T6-4-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Phenanthrene	ND	ug/kg	660	13.68	05/27/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/27/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/27/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	80	%			05/27/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	88	%			05/27/98	WAW	321 60-8		
2-Fluorophenol (S)	97	%			05/27/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	84	%			05/27/98	WAW	4165-60-0		
Phenol-d6 (S)	85	%			05/27/98	WAW	13127-88-3		
Terphenyl-d14 (S)	78	%			05/27/98	WAW	1718-51-0		
Date Extracted	05/22/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 6021821
Client Project ID: 980519-01

Pace Sample No.: 601887177 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-4-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Organics									
SEMI VOLS	Method: EPA 8082				Prep Method: EPA 8082				
PCB-1016 (Arochlor 1016)	ND	ug/kg	660		05/29/98	AKG	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	660		05/29/98	AKG	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	660		05/29/98	AKG	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	660		05/29/98	AKG	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	660		05/29/98	AKG	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	660		05/29/98	AKG	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	660		05/29/98	AKG	11096-82-5		U
Decachlorobiphenyl (S)	0	%			05/29/98	AKG	2051-24-3	1	
Tetrachloro-meta-xylene (S)	0	%			05/29/98	AKG	877-09-8		
Date Extracted	05/26/98					AKG			
Total EPA 8082	**ND**								

Pace Project Number: 6021821
Client Project ID: 980519-01

Pace Sample No.: 601887177 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-4-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/29/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/29/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/29/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/29/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/29/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/29/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	46.18	05/29/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/29/98	DM	105-67-9		U
2,4 Dinitrophenol	ND	ug/kg	3200	92.2	05/29/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/29/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/29/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/29/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	05/29/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/29/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	05/29/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/29/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/29/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/29/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	16.14	05/29/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/29/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/29/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/29/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/29/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/29/98	DM	7005-72-3		U
4 Methylphenol	ND	ug/kg	660	15	05/29/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.6	05/29/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	05/29/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/29/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/29/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/29/98	DM	120-12-7		U

Pace Project Number: 6021821
Client Project ID: 980519-01

Pace Sample No.: 601887177 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-4-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/29/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/29/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/29/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/29/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/29/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/29/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/29/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/29/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	05/29/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/29/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/29/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/29/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/29/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	05/29/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/29/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/29/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/29/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/29/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/29/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/29/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/29/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/29/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	05/29/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/29/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/29/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/29/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/29/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/29/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/29/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	05/29/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/29/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	05/29/98	DM	87-86-5		U

Pace Project Number: 9021821
Client Project ID: 980519-01

Pace Sample No.: 601887177 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-4-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/29/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/29/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/29/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	105	%			05/29/98	DM	118-79-6		
2-Fluorobiphenyl (S)	82	%			05/29/98	DM	321-60-8		
2-Fluorophenol (S)	92	%			05/29/98	DM	367-12-4		
Nitrobenzene-d5 (S)	81	%			05/29/98	DM	4165-60-0		
Phenol-d6 (S)	90	%			05/29/98	DM	13127-88-3		
Terphenyl-d14 (S)	96	%			05/29/98	DM	1718-51-0		
Date Extracted	05/22/98					DM			
Total EPA 8270	ND								

Pace Project Number: 6021821
Client Project ID: 980519-01

Pace Sample No.: 601887193 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-3-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	05/29/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	05/29/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	05/29/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	05/29/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	05/29/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	05/29/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	05/29/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	05/29/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	05/29/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	05/29/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	05/29/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	05/29/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.66	05/29/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	05/29/98	DM	91-57-6		U
2 Methylphenol	ND	ug/kg	660	15	05/29/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	05/29/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	05/29/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	05/29/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	05/29/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	05/29/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	05/29/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	05/29/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	05/29/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	05/29/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	05/29/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	05/29/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.08	05/29/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	05/29/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	05/29/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	05/29/98	DM	120-12-7		U

Pace Project Number: 6021821
Client Project ID: 980510-01

Pace Sample No.: 601887193
Client Sample ID: T1-3-3
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	05/29/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	05/29/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	05/29/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	05/29/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	05/29/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	05/29/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	05/29/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	05/29/98	DM	111-91-1		U
bis(2 Chloroethyl)ether	ND	ug/kg	660	42.46	05/29/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	05/29/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	05/29/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	05/29/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	05/29/98	DM	218 01-9		U
Di-n-butylphthalate	1200	ug/kg	660	31.6	05/29/98	DM	84-74-2		
Di-n-octylphthalate	ND	ug/kg	660	15.78	05/29/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	05/29/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	05/29/98	DM	132-64 9		U
Diethylphthalate	ND	ug/kg	660	12.78	05/29/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	05/29/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	05/29/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	05/29/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	05/29/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27 92	05/29/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	05/29/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	05/29/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	05/29/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	05/29/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	05/29/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	05/29/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18 9	05/29/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	05/29/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17 76	05/29/98	DM	87-86-5		U

Pace Project Number: 6021821
Client Project ID: 980519-01

Pace Sample No.: 601887193
Client Sample ID: T1-3-3
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	05/29/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.62	05/29/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	05/29/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	84	%			05/29/98	DM	118-79-6		
2-Fluorobiphenyl (S)	70	%			05/29/98	DM	321-60-8		
2-Fluorophenol (S)	79	%			05/29/98	DM	367-12-4		
Nitrobenzene-d5 (S)	70	%			05/29/98	DM	4165-60-0		
Phenol-d6 (S)	74	%			05/29/98	DM	13127-88-3		
Terphenyl-d14 (S)	77	%			05/29/98	DM	1718-51-0		
Date Extracted	05/22/98					DM			

Total EPA 8270 1200

Pace Project Number: 8021821
Client Project ID: 980519-01

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	The sample contains matrix interference requiring sample dilution. The method detection limits are adjusted for the dilution and the surro

Advanced Technology Laboratories

May 29, 1998

ELAP No. 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: 980519-01
Lab No.: 26279-001/009

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar F. Caballero
Laboratory Director
EFC/ns

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 980519-01

Date Received: 05/26/98
Date Sampled: NA

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
26279-001	T4-1-5.0	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26279-002	T6-4-5	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26279-003	T2-2-5	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26279-004	T2-3-5	EPA 7471 (Mercury)	05/28/98	0.17	Soil, mg/kg	0.10	0.10	DJ
26279-005	T2-4-5	EPA 7471 (Mercury)	05/28/98	0.13	Soil, mg/kg	0.10	0.10	DJ
26279-006	T2-5-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26279-007	T1-2-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26279-008	T1-3-3	EPA 7471 (Mercury)	05/28/98	0.48	Soil, mg/kg	0.10	0.10	DJ
26279-009	T1-4-5	EPA 7471 (Mercury)	05/28/98	0.26	Soil, mg/kg	0.10	0.10	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: Cheryl De Los Reyes
Cheryl De Los Reyes
Department Supervisor

Date: 5/29/98

The cover letter is an integral part of this analytical report

Spike Recovery and RPD Summary Report

Method: EPA7471
Analyst: CDR/DJ
Data File: 80528-1
QA File: 8149-1

Date Analyzed: 05-28-98
Date Digested: 05-28-98
Sample ID: see below
Matrix: SOIL/SOLID
QC Batch Number: HG980528S-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
26278-002	mg/kg	0.50	0.53	106	ND	ND	ND	0	0.83	1.00	0.96	120	116	63-139	4	30	0.10
26280-004	mg/kg	0.50	0.44	88	ND	ND	ND	0	0.83	0.88	0.86	106	104	63-139	2	30	0.10
26279-006	mg/kg	0.50	0.46	92	ND	ND	ND	0	0.83	0.89	0.96	107	116	63-139	8	30	0.10
26281-007	mg/kg	0.50	0.55	110	ND	ND	ND	0	0.83	1.00	1.00	120	120	63-139	0	30	0.10

Approved by: Cheryl De Los Reyes
Inorganics Supervisor

Date: 5/29/98

Advanced Technology Laboratories

Pace Analytical

1 of 2

423664

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical	Report To: Richard V.	Turn around Time: ☐ 24 Hours ☒ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 3970 Gilman Av Long Beach, CA 90815	Bill To:		Pace Project Manager
Phone: 498-9515	P.O. # / Billing Reference		Pace Project No. 980519-01
Sampled By (PRINT):	Project Name / No.		*Requested Due Date:

Sampler Signature: _____ Date Sampled: _____

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 48	REMARKS
1	T4-1-5.0		Soil								X	
2	T6-4-5		X								X	
3	T2-2-5		X								X	
4	T2-3-5										X	
5	T2-4-5										X	
6	T2-5-10										X	
7	T1-2-10										X	
8	T1-3-5										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	[illegible]	5/26/98		Diane Salwan / ATL	5-26-98	1490

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

1 of 2

423665

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical
Address:
Phone: 498-9515

Report to: Richard V.
Bill To:
P.O. # / Billing Reference:
Project Name / No.:

Turn around Time
- [ ] 24 Hours
- [x] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.: 7805-9-01
*Requested Due Date:

Sampled By (PRINT):
Sampler Signature:
Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST	REMARKS
1	T1-4-5		Soil								X	
2												
3												
4												
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	[illegible]	5/26/98		Diane Kellvan/ATL	5-26-98	1450

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-6400
Fax: 612 607-6444

Pace Analytical

Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646271
Client Sample ID: T1-2-10

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

GC/MS – VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/26/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	594-20-7		U
2-Butanone	18	ug/kg	10	*	05/26/98	SAC	78-93-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646255
Client Sample ID: T2-3-5
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

GC/MS – VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/26/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/26/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646255
Client Sample ID: TZ-3-5
Date Collected: 05/19/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/26/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/26/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/26/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/26/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/26/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/26/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/26/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/26/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/26/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/26/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/26/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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June 4, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107502
Client Project ID: 980519-03/-02/-01

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

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Pace Analytical

Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646271
Client Sample ID: T1-2-10

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/26/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/26/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/26/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/26/98	SAC	108-10-1		U
Acetone	75	ug/kg	20	*	05/26/98	SAC	67-64-1		
Benzene	ND	ug/kg	5	*	05/26/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/26/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/26/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/26/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/26/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/26/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646271
Client Sample ID: T1-2-10

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/26/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/26/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/26/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/26/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/26/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/26/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/26/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/26/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/26/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/26/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/26/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/26/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/26/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/26/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/26/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/26/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646271 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-2-10 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/26/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	124	%		*	05/26/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	05/26/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/26/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/26/98	SAC	2037-26-5		
Total EPA 8260	93								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646255
Client Sample ID: T2-3-5
Date Collected: 05/19/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/26/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/26/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/26/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/26/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/26/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/26/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/26/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/26/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/26/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/26/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/26/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/26/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/26/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/26/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/26/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/26/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646255
Client Sample ID: T2-3-5
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/26/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/26/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/26/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/26/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/26/98	SAC	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646263 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-5-10 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/26/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/26/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646263
Client Sample ID: TZ-5-10

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/26/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/26/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/26/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/26/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/26/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/26/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/26/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/26/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/26/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/26/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/26/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 06/10/98

Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646263
Client Sample ID: 12-5-10
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/26/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/26/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/26/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/26/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/26/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/26/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/26/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/26/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/26/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/26/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/26/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/26/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/26/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/26/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/26/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/26/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646263
Client Sample ID: T2-5-10

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/26/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/26/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	05/26/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/26/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/26/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646289 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-4-5 Date Received: 05/20/98

GC/MS – VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646289
Client Sample ID: T1-4-5

Date Collected: 05/19/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/27/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646289
Client Sample ID: T1-4-5

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646289
Client Sample ID: T1-4-5

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/27/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	102	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646446
Client Sample ID: T4-1-5.0

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/26/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/26/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/26/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/26/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/26/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/26/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646446
Client Sample ID: T4-1-5.0

Date Collected: 05/19/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/26/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/26/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/26/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/26/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/26/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/26/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/26/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/26/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/26/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/26/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/26/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/26/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/26/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/26/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/26/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/26/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/26/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646446
Client Sample ID: T4-1-5.0

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/26/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/26/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/26/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/26/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/26/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/26/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/26/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/26/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/26/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/26/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/26/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/26/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/26/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/26/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/26/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/26/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/26/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/26/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/26/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/26/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/26/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107502
Client Project ID: 980519-01 /980519-02

Pace Sample No.: 10646446
Client Sample ID: T4-1-5.0

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/26/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/26/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	112	%		*	05/26/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	96	%		*	05/26/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/26/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/26/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
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Pace Project Number: 107502
Client Project ID: 980519-01 /980519

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

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June 4, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107503
Client Project ID: 980519-01/980519-02

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646297
Client Sample ID: WT1

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Water

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/L	5	*	05/29/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/L	5	*	05/29/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/L	5	*	05/29/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/L	5	*	05/29/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/L	5	*	05/29/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/L	5	*	05/29/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/L	5	*	05/29/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/L	5	*	05/29/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/L	5	*	05/29/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/L	5	*	05/29/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/L	5	*	05/29/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/L	5	*	05/29/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/L	5	*	05/29/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/L	5	*	05/29/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/L	5	*	05/29/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/L	5	*	05/29/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/L	5	*	05/29/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/L	5	*	05/29/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/L	5	*	05/29/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/L	5	*	05/29/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/L	5	*	05/29/98	TAW	594-20-7		U
2-Butanone	ND	ug/L	10	*	05/29/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646297
Client Sample ID: WT1

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Water

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/L	10	*	05/29/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/L	5	*	05/29/98	TAW	95-49-8		U
2-Hexanone	ND	ug/L	10	*	05/29/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/L	100	*	05/29/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/L	5	*	05/29/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/L	10	*	05/29/98	TAW	108-10-1		U
Acetone	ND	ug/L	10	*	05/29/98	TAW	67-64-1		U
Benzene	ND	ug/L	5	*	05/29/98	TAW	71-43-2		U
Bromobenzene	ND	ug/L	5	*	05/29/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/L	5	*	05/29/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/L	5	*	05/29/98	TAW	75-27-4		U
Bromoform	ND	ug/L	5	*	05/29/98	TAW	75-25-2		U
Bromomethane	ND	ug/L	5	*	05/29/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/L	5	*	05/29/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/L	5	*	05/29/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/L	5	*	05/29/98	TAW	108-90-7		U
Chloroethane	ND	ug/L	5	*	05/29/98	TAW	75-00-3		U
Chloroform	ND	ug/L	5	*	05/29/98	TAW	67-66-3		U
Chloromethane	ND	ug/L	5	*	05/29/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/L	5	*	05/29/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/L	5	*	05/29/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/L	5	*	05/29/98	TAW	124-48-1		U
Dibromomethane	ND	ug/L	5	*	05/29/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/L	5	*	05/29/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646297
Client Sample ID: WT1

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Water

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/L	500	*	05/29/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/L	5	*	05/29/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/L	5	*	05/29/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/L	5	*	05/29/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/L	50	*	05/29/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/L	5	*	05/29/98	TAW	98-82-8		U
Methyl-tert-butyl Ether	ND	ug/L	5	*	05/29/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/L	5	*	05/29/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/L	5	*	05/29/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/L	5	*	05/29/98	TAW	103-65-1		U
Naphthalene	ND	ug/L	5	*	05/29/98	TAW	91-20-3		U
p-Isopropyltoluene	ND	ug/L	5	*	05/29/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/L	5	*	05/29/98	TAW	135-98-8		U
Styrene	ND	ug/L	5	*	05/29/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/L	100	*	05/29/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/L	5	*	05/29/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/L	5	*	05/29/98	TAW	127-18-4		U
Toluene	ND	ug/L	5	*	05/29/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/L	5	*	05/29/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/L	5	*	05/29/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/L	5	*	05/29/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/L	5	*	05/29/98	TAW	75-69-4		U
Vinyl Acetate	ND	ug/L	10	*	05/29/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/L	5	*	05/29/98	TAW	75-01-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646297
Client Sample ID: WT1

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Water

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Xylene (Total)	ND	ug/L	5	*	05/29/98	TAW	1330-20-7		U
1,2-Dichloroethane-d4 (S)	126	%		*	05/29/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/29/98	TAW	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/29/98	TAW	1868-53-7		
Toluene-d8 (S)	98	%		*	05/29/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646305
Client Sample ID: T2-3-SUR

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12 8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10846305
Client Sample ID: T2-3-SUR
Date Collected: 05/19/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/28/98	SAC	67-64-1	1,2	JB
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646305
Client Sample ID: T2-3-SUR

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/28/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/28/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/28/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646305
Client Sample ID: T2-3-SUR

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/28/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10846313 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-3-3 Date Received: 05/20/98

GC/MS -- VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10846313
Client Sample ID: TZ-3-3

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/28/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646313 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-3-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/28/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/28/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/28/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 1064G313 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-3-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/28/98	SAC	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646321 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-5-SUR Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646321 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-5-SUR Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/28/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-607-6400
Fax: 612-607-6444

DATE: 06/10/98

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646321
Client Sample ID: T2-5-SUR
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/28/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/28/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/28/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646321 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-5-SUR Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/28/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646339 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T2-5-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/01/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/01/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646339
Client Sample ID: T2-5-3

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/01/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/01/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/01/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/01/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/01/98	TAW	67-64-1	2	J
Benzene	ND	ug/kg	5	*	06/01/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/01/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/01/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/01/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/01/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/01/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646339 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T2-5-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/01/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/01/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/01/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/01/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/01/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/01/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/01/98	TAW	1634-04-4		U
Methylene Chloride	trace	ug/kg	5	*	06/01/98	TAW	75-09-2	2,3	J
n-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/01/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/01/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/01/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/01/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/01/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/01/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/01/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/01/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/01/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646339 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-5-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/01/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	126	%		*	06/01/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/01/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/01/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/01/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646347 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T2-5-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/29/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/29/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/29/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/29/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/29/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/29/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/29/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/29/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/29/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/29/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/29/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/29/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/29/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/29/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/29/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/29/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/29/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646347 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-S-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/29/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/29/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/29/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/29/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/29/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/29/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	05/29/98	TAW	67-64-1	2	J
Benzene	ND	ug/kg	5	*	05/29/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/29/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/29/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/29/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/29/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/29/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/29/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/29/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/29/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/29/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/29/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/29/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/29/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/29/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/29/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/29/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646347 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-5-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/29/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/29/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/29/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/29/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/29/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/29/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/29/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/29/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/29/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/29/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/29/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/29/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/29/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/29/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/29/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	05/29/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/29/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/29/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/29/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	05/29/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/29/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/29/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/29/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/29/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10846347 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T2-5-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/29/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/29/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	05/29/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	105	%		*	05/29/98	TAW	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/29/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	05/29/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646354 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-2-SUR Date Received: 05/20/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/29/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/29/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/29/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/29/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/29/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/29/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/29/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/29/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/29/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/29/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/29/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/29/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/29/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/29/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/29/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/29/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/29/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646354 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-2-SUR Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/29/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/29/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/29/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/29/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/29/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/29/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	05/29/98	TAW	67-64-1	2	J
Benzene	ND	ug/kg	5	*	05/29/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/29/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/29/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/29/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/29/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/29/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/29/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/29/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/29/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/29/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/29/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/29/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/29/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/29/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/29/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/29/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10848354
Client Sample ID: T1-2-SUR
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/29/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/29/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/29/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/29/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/29/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/29/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/29/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/29/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/29/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/29/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/29/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/29/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/29/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/29/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/29/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	05/29/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/29/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/29/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/29/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	05/29/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/29/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/29/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/29/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/29/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10546354 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-2-SUR Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/29/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/29/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	05/29/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	05/29/98	TAW	460-00-4		
Dibromofluoromethane (S)	110	%		*	05/29/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	05/29/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646362
Client Sample ID: T1-2-3

Date Collected: 05/19/98
Date Received: 05/20/98

Matrix: Soil

GC/MS – VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/29/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/29/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/29/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/29/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/29/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/29/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/29/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/29/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/29/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/29/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/29/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/29/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/29/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/29/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/29/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/29/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/29/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646362
Client Sample ID: T1-2-3

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/29/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/29/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/29/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/29/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/29/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/29/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	05/29/98	TAW	67-64-1	2	J
Benzene	ND	ug/kg	5	*	05/29/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/29/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/29/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/29/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/29/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/29/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/29/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/29/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/29/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/29/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/29/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/29/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/29/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/29/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/29/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/29/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646362 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-2-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/29/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/29/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/29/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/29/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/29/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/29/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/29/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/29/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/29/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/29/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/29/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/29/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/29/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/29/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/29/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	05/29/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/29/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/29/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/29/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	05/29/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/29/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/29/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/29/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/29/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

DATE: 06/10/98
PAGE: 33

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10640362 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-2-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/29/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/29/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	126	%		*	05/29/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	05/29/98	TAW	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/29/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	05/29/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646370 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-2-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/29/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/29/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/29/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/29/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/29/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/29/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/29/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/29/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/29/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/29/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/29/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/29/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/29/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/29/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/29/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/29/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/29/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646370 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-2-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/29/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/29/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/29/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/29/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/29/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/29/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	05/29/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	05/29/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/29/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/29/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/29/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/29/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/29/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/29/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/29/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/29/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/29/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/29/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/29/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/29/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/29/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/29/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/29/98	TAW	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646370 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-2-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/29/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/29/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/29/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/29/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/29/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/29/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/29/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/29/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/29/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/29/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/29/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/29/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/29/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/29/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/29/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	05/29/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/29/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/29/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/29/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	05/29/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/29/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/29/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/29/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/29/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646370 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-2-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/29/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/29/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	05/29/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	96	%		*	05/29/98	TAW	460-00-4	4	
Dibromofluoromethane (S)	120	%		*	05/29/98	TAW	1868-53-7		
Toluene-d8 (S)	130	%		*	05/29/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646388 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-4-SUR Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/29/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/29/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/29/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/29/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/29/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/29/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/29/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/29/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/29/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/29/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/29/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/29/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/29/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/29/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/29/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/29/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/29/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646388
Client Sample ID: T1-4-SUR
Date Collected: 05/18/98
Date Received: 05/20/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/29/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/29/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/29/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/29/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/29/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/29/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	05/29/98	TAW	67-64-1	2	J
Benzene	ND	ug/kg	5	*	05/29/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/29/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/29/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/29/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/29/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/29/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/29/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/29/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/29/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/29/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/29/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/29/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/29/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/29/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/29/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/29/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/29/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980619-03/-02/-01

Pace Sample No.: 10646388 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-4-SUR Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/29/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/29/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/29/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/29/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/29/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/29/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/29/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/29/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/29/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/29/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/29/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/29/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/29/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/29/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/29/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	05/29/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/29/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/29/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/29/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	05/29/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/29/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/29/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/29/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/29/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646388 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-4-SUR Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/29/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/29/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	126	%		*	05/29/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	05/29/98	TAW	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/29/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	05/29/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Paco Sample No.: 10646396 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-4-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/01/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/01/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646396 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-4-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/01/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/01/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/01/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/01/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/01/98	TAW	67-64-1	2	J
Benzene	ND	ug/kg	5	*	06/01/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/01/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/01/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/01/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/01/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/01/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646396 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T1-4-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/01/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/01/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/01/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/01/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/01/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/01/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/01/98	TAW	1634-04-4		U
Methylene Chloride	trace	ug/kg	5	*	06/01/98	TAW	75-09-2	2,3	J
n-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/01/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/01/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/01/98	TAW	95-47-6		U
p-isopropyltoluene	ND	ug/kg	5	*	06/01/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/01/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/01/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/01/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/01/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/01/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-69-4		U

* indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646396
Client Sample ID: T1-4-3

Date Collected: 05/18/98
Date Received: 05/20/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/01/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	06/01/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/01/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/01/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/01/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646404 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T4-1-SUR Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/01/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/01/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646404 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T4-1-SUR Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/01/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/01/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/01/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/01/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/01/98	TAW	67-64-1	2	J
Benzene	ND	ug/kg	5	*	06/01/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/01/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/01/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/01/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/01/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/01/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646404 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T4-1-SUR Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/01/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/01/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/01/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/01/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/01/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/01/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/01/98	TAW	1634-04-4		U
Methylene Chloride	trace	ug/kg	5	*	06/01/98	TAW	75-09-2	2,3	J
n-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/01/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/01/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/01/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/01/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/01/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/01/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/01/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/01/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/01/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646404 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T4-1-SUR Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/01/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	124	%		*	06/01/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/01/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/01/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/01/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646412 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T4-1-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/01/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/01/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646412 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T4-1-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/01/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/01/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/01/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/01/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/01/98	TAW	67-64-1	1,2	JB
Benzene	ND	ug/kg	5	*	06/01/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/01/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/01/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/01/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/01/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/01/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646412 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T4-1-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/01/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/01/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/01/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/01/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/01/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/01/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/01/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/01/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/01/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/01/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/01/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/01/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/01/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/01/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/01/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/01/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646412 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: T4-1-3 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/01/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	124	%		*	06/01/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/01/98	TAW	460-00-4		
Dibromofluoromethane (S)	110	%		*	06/01/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/01/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646420 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: D69-SUR Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/01/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/01/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646420 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: D69-SUR Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/01/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/01/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/01/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/01/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/01/98	TAW	67-64-1	1,2	JB
Benzene	ND	ug/kg	5	*	06/01/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/01/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/01/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/01/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/01/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/01/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646420 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: D69-SUR Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/01/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/01/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/01/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/01/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/01/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/01/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/01/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/01/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/01/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/01/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/01/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/01/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/01/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/01/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/01/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/01/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10846420 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: D69-SUR Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/01/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	124	%		*	06/01/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/01/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/01/98	TAW	1868-53-7		
Toluene-d8 (S)	104	%		*	06/01/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-6400
Fax: 612-607-6444

Pace Analytical

DATE: 06/10/98
PAGE: 58

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646438 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: D69-3.0 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/01/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/01/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646438 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: D69-3.0 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/01/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/01/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/01/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/01/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/01/98	TAW	67-64-1	1,2	JB
Benzene	ND	ug/kg	5	*	06/01/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/01/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/01/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/01/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/01/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/01/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-71-8		U

* indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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1700 Elm Street Suite 200
Minneapolis, MN 55414
Tel: 612-617-6000
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10646439 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: D69-3.0 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/01/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/01/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/01/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/01/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/01/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/01/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/01/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/01/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/01/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/01/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/01/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/01/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/01/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/01/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/01/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/01/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612 617-6444

Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

Pace Sample No.: 10616438 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: D69-3.0 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/01/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	124	%		*	06/01/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/01/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/01/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/01/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107503
Client Project ID: 980519-03/-02/-01

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected
[1]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
[2]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[3]	Common laboratory contaminant.
[4]	The internal standard response was below criteria due to the purging efficiency of the soil matrix. Results may be biased high.

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

423314

Page 1 of 5

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8000		Pace Project No. 980519-02
	Project Name / No.: West Approach		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: _____ Date Sampled: 5/15/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	T6-4-5	730	S								X	X	X	X			
2	T6-4-3	735	↓								↓	↓	↓	↓			
3	T6-4-5	740															RUSH
4	T6-4-10	745															Archive
5	T2-2-5	810									X	X	X	X			
6	T2-2-3	815									↓	↓	↓	↓			
7	T2-2-5	820															RUSH
8	T2-2-10	825	↓														Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	_____ / PSI	5/15/98	1700		5/15/98	1700

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

dal

Pace Analytical

Page 2 of 5

423375

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-80001		Pace Project No: 980519-02
	Project Name / No.: West Approach		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature]

Date Sampled: 5/18/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	T2-3-S	830	S								X	X	X				
2	T2-3-3	835	↓								↓	↓	↓				
3	T2-3-5	840															RUSH Archive
4	T2-3-10	845															
5	T2-4-S	930									X	X	X	X	X		
6	T2-4-3	935									↓	↓	↓	↓	↓		
7	T2-4-5	940															RUSH Archive
8	T2-4-10	945	↓														

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] PSI	5/18/98	1700		5/19/98	1700

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

423376

Page 3 of 5

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI [redacted]	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No. 930519-02
	Project Name / No.: West Approach		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: [redacted] Date Sampled: 5/18/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: LUFT Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	T2-5-S	950	S								X	X	X				RUSH
2	T2-5-3	955															Archive
3	T2-5-5	1000															
4	T2-5-10	1005															
5	T2-5-15	1010															
6	~~T1-A-S~~																
7	T1-2-S	1055									X	X	X	X	NO		
8	T1-2-3	1100									X	X	X	X	NO		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[redacted] PSI	5/18/98	1700		5/18/98	1700

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

423377

Page 4 of 5

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: —		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601		Pace Project No.: 98059-02
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date:
Sampler Signature: [signature]	Date Sampled: 5/18/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	T1-2-5	1105	S								X	X	X				
2	T1-2-10	1110									X	X	X				RUSH
3	T1-2-15	1115															Archive
4	T1-3-5	1245									X	X	X		X		
5	T1-3-3	1250									X	X	X		X		RUSH
6	T1-3-5	1255															Archive
7	T1-4-5	1310									X	X	X				
8	T1-4-3	1315	↓								X	X	X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] PSI	5/18/98	1700		5/19/98	1700
	[signature]					
				[signature]		

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Page 5 of 5

423373

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8G661		Pace Project No. 98059-02
	Project Name / No.: West Approach		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: cal metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	T1-4-5	1320	S								X	X	X				RUSH
2	T1-4-10	1325	↓										X				Archive
3			↓														
4																	
5																	
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/18/05	1700		5/18/05	1700

SAMPLE CONDITION

Temp. °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

SITE INVESTIGATION REPORT
VOLUME 8 (APPENDIX C)

WEST APPROACH PROJECT INCLUDING
TRANSBAY TERMINAL LOOP
SAN FRANCISCO, CALIFORNIA

prepared for

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
111 Grand Avenue
Oakland, California

Task Order Number: 04-133331-DC
EA Number: 133331

prepared by

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
Environmental Engineering Branch
&
Professional Service Industries, Inc.
1320 West Winton Avenue
Hayward, California 94545
(510) 785-1111

June, 1999
575-8G001

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980520-05
PACE ANALYTICAL WO #: 13273A
Client ID #: 8G001 SFW

Date: 6/22/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/19/98 and received on 05/19/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
BTEX (Soil)	2-3
CCR Metals (Soil)	4-8
TPH-Speciation (Soil)	9-10
List of Abbreviations and Definitions	11

In addition the analysis for 8260, 8270, 8080 & Mercury were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980520-05
PACE ANALYTICAL WO#:13273A
Client ID#:8G001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	T22-1-S	T22-1-3.0	T24-1-S	T24-1-3.0	T24-1-5.0	D51-S	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	104	109	92	107	104	92	59-134

Client ID:	D51-3.0	Method Blank	
Units:	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/23/98	05/23/98	
Analyte			
Benzene	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	5.0
Total Xylenes	<15	<15	15
DF	1	1	
Surrogate Recovery %:			Acceptable Range:
a,a,a-Trifluorotoluene	106	83	59-134

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel. 562-498 9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/23/98		05/23/98	05/23/98			
Analyte							
Benzene	103	74-116	104	100	72-115	3.9	0-26
Toluene	107	73-116	110	103	70-114	6.6	0-22
Ethylbenzene	109	75-118	114	105	68-119	8.2	0-24
Total Xylenes	110	78-120	116	105	74-117	10	0-22

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PACE ANALYTICAL Project#:980520-05
PACE ANALYTICAL WO#:13273A
Client ID#:8G001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T22-1-S	T22-1-3.0	T24-1-S	T24-1-3.0	T24-1-5.0	D51-S		EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	PRL mg/Kg	Method
Date Analyzed:	06/04/98	06/04/98	06/04/98	06/04/98	06/04/98	06/04/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	6.5	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	230	190	50	180	110	110	10	6010
Beryllium (Be)	0.5	<0.5	<0.5	0.6	0.7	<0.5	0.5	6010
Cadmium (Cd)	5.6	0.8	<0.5	<0.5	0.5	<0.5	0.5	6010
Chromium (Cr)	21	27	30	32	27	32	0.5	6010
Cobalt (Co)	15	13	8.5	8.3	6.5	7.4	1.0	6010
Copper (Cu)	280	110	9.3	17	18	31	2.5	6010
Lead (Pb)	180	80	3.4	6.8	7.5	100	1.0	6010
Mercury (Hg)*	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	34	36	29	31	25	42	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	5.3	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	17	19	38	31	33	20	0.5	6010
Zinc (Zn)	1300	97	38	44	49	65	10	6010
DF	1	1	1	1	1	1		

* Mercury analyzed 6/15/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D51-3.0	D52-S	D52-3.0	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/04/98	06/04/98	06/04/98	06/04/98		
Analyte						
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	81	200	91	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.7	0.5	<0.5	0.5	6010
Chromium (Cr)	43	33	31	<0.5	0.5	6010
Cobalt (Co)	5.7	9.9	9.8	<1.0	1.0	6010
Copper (Cu)	8.0	29	16	<2.5	2.5	6010
Lead (Pb)	2.4	170	15	<1.0	1.0	6010
Mercury (Hg)*	0.15	0.17	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	20	31	27	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	29	29	26	<0.5	0.5	6010
Zinc (Zn)	26	130	58	<10	10	6010
DF	1	1	1	1		

* Mercury analyzed 6/15/98.

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Pace Analytical Services, Inc
3970 Gilman St,
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/04/98		06/04/98	06/04/98			
Analyte	EPA Method							
Antimony (Sb)	6010	88	70-130	63	66	60-130	4.7	0-25
Arsenic (As)	6010	90	78-104	80	84	34-135	4.9	0-15
Barium (Ba)	6010	99	81-117	84	92	55-130	9.1	0-25
Beryllium (Be)	6010	92	70-130	82	85	70-130	3.6	0-25
Cadmium (Cd)	6010	86	75-104	76	80	73-115	5.1	0-15
Chromium (Cr)	6010	90	81-103	76	86	62-125	12	0-15
Cobalt (Co)	6010	88	70-130	74	79	70-130	6.5	0-25
Copper (Cu)	6010	91	70-130	78	84	70-140	7.4	0-25
Lead (Pb)	6010	84	76-104	74	68	48-120	8.5	0-30
Molybdenum (Mo)	6010	91	70-130	75	81	70-130	7.7	0-25
Nickel (Ni)	6010	88	70-130	73	82	70-130	12	0-25
Selenium (Se)	6010	89	79-102	78	80	42-120	2.5	0-15
Silver (Ag)	6010	91	77-107	79	89	53-115	11	0-19
Thallium (Tl)	6010	89	70-130	69*	75	70-130	8.3	0-25
Vanadium (V)	6010	91	70-130	91	89	70-130	9.4	0-25
Zinc (Zn)	6010	87	70-130	75	78	70-130	3.9	0-25

*Sample matrix effect.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0785

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	PRL mg/Kg	DF
Client ID:	Analysis Date			
Method Blank	05/22/98	<10	10	1
R1-2-S	05/22/98	<10	10	1
T24-1-5.0	05/23/98	<10	10	1
D51-S	05/23/98	<10	10	1
D51-3.0	05/23/98	<10	10	1
D52-S	05/23/98	<10	10	1
D52-3.0	05/23/98	<10	10	1
R1-2-2.0	05/23/98	<10	10	1
T23-2-S	05/23/98	<10	10	1
T23-2-1.0	05/23/98	<10	10	1
D24-S	05/23/98	<10	10	1
D24-3.0	05/23/98	<10	10	1
T22-1-S	05/23/98	<10	10	1
T22-1-3.0	05/23/98	<10	10	1
T24-1-S	05/23/98	<10	10	1
T24-1-3.0	05/23/98	<10	10	1

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

423307 13273A

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 786-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SFW		*Requested Due Date:
Sampler Signature: CHRIS MERRITT Date Sampled: 5/19/98			

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020	8260	8270	8080 PCB	CAM 17	REMARKS
1	R1-2-5	0725	SOIL								X		X	X	X	X	
2	R1-2-2.0	0735									X		X	X	X	X	
3	T23-2-5	0741									X		X			X	
4	T23-2-1.0	0802									X		X			X	
5	D24-5	0820									X		X		X	X	
6	D24-3.0	0825									X		X		X	X	
7	T22-1-5	0830									X	X		X	X	X	
8	T22-1-3.0	0837									X	X		X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/19/98	1530	CALIFORNIA OVERNITE	5/19/98	

SAMPLE CONDITION

Temp: ___ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8-97

Pace Analytical

423308 13273A

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAM		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
	Project Name / No.: CALTRANS SFW		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT Date Sampled: 5/19/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	6020	8260	8270	8080 PCB	CAM 17	REMARKS
1	T24-1-5	0909	Soil		1						X	X		X		X	
2	T24-1-30	0916			1						X	X		X		X	
3	T24-1-5.0	0929			1						X	X		X		X	
4	T24-1-6.5	0934			1												ARCHIVE
5	D51-5	1129			1						X	X		X		X	
6	D51-3.0	1146			1						X	X		X		X	
7	D52-5	1244									X		X			X	
8	D52-3.0	1254									X		X			X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/19/98	1530	CALIFORNIA OVERNITE	5/19/98	

SAMPLE CONDITION

Temp: ___.__ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

6.97

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

Pace Analytical

May 29, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021830
Client Project ID: 980520-05

Dear :

Enclosed are the results of analyses for sample(s) received on May 21, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601887631 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T22-1-3.0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/26/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/26/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/26/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/26/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/26/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/26/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/26/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/26/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/26/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/26/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/26/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/26/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/26/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/26/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/26/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/26/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/26/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/26/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/26/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/26/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/26/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/26/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/26/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/26/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/26/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/26/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/26/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/26/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/26/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/26/98	GPO	108-86-1		U

Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601867631 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T22-1-3 0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/26/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/26/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/26/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/26/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/26/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/26/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/26/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.6	05/26/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/26/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/26/98	GPO	74-87-3		U
cis-1,2 Dichloroethene	ND	ug/kg	5	0.39	05/26/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/26/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/26/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.89	05/26/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/26/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/26/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/26/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/26/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.66	05/26/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.86	05/26/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/26/98	GPO	98-82-8		U
M&P Xylene	ND	ug/kg	5	1.17	05/26/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/26/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/26/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/26/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/26/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/26/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/26/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/26/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/26/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/26/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/26/98	GPO	994-05-8		U

Pace Project Number: 6021630
Client Project ID: 980520-05

Pace Sample No.: 601997631 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T22-1-3 0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/26/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/26/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/26/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/26/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/26/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/26/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.6	05/26/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/26/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/26/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/26/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	92	%		1.82	05/26/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	93	%		1.01	05/26/98	GPO	460-00-4		
Dibromofluoromethane (S)	107	%		1.81	05/26/98	GPO	1868-53-7		
Toluene-d8 (S)	113	%		1.48	05/26/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601887672 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T24-1-S Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/26/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/26/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/26/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/26/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/26/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/26/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/26/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/26/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/26/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/26/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.46	05/26/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/26/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/26/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/26/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/26/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/26/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/26/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/26/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/26/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/26/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/26/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/26/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/26/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/26/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/26/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/26/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/26/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/26/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/26/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/26/98	GPO	108-86-1		U

Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601887672 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T24-1-S Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/26/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/26/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/26/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/26/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/26/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/26/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/26/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/26/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/26/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/26/98	GPO	74-87-3		U
cis-1,2 Dichloroethene	ND	ug/kg	5	0.39	05/26/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/26/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/26/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/26/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/26/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/26/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/26/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/26/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/26/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/26/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/26/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/26/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/26/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/26/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/26/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/26/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/26/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/26/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/26/98	GPO	99-87-6		U
sec Butylbenzene	ND	ug/kg	5	0.67	05/26/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/26/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/26/98	GPO	994-05-8		U

Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601887672 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T24-1-S Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/26/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/26/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/26/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/26/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/26/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/26/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/26/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/26/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/26/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/26/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	95	%		1.82	05/26/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	113	%		1.01	05/26/98	GPO	460-00-4		
Dibromofluoromethane (S)	113	%		1.81	05/26/98	GPO	1868-53-7		
Toluene-d8 (S)	110	%		1.48	05/26/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601887680 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T24-1-3 D Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/26/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/26/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/26/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/26/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/26/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/26/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/26/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/26/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/26/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/26/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/26/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/26/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/26/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/26/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/26/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/26/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/26/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/26/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.6	05/26/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/26/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/26/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/26/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/26/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/26/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/26/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/26/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/26/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/26/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/26/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/26/98	GPO	108-86-1		U

Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601887680 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T24-1-3 0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Bromochloromethane	ND	ug/kg	5	0.43	05/26/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/26/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/26/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/26/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/26/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/26/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/26/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/26/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/26/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/26/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/26/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/26/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/26/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/26/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/26/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/26/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/26/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/26/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/26/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/26/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/26/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/26/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/26/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/26/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/26/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.82	05/26/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.86	05/26/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/26/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/26/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/26/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/26/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/26/98	GPO	994-05-8		U

Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601887680 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T24-1-3.0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/26/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/26/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/26/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/26/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/26/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/26/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/26/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/26/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/26/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/26/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	84	%		1.82	05/26/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	87	%		1.01	05/26/98	GPO	460-00-4		
Dibromofluoromethane (S)	105	%		1.81	05/26/98	GPO	1868-53-7		
Toluene-d8 (S)	108	%		1.48	05/26/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601987698 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T24-1-5 0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/26/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/26/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/26/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/26/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/26/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/26/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/26/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/26/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/26/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/26/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/26/98	GPO	95-63-6		U
1,2 Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/26/98	GPO	96-12 8		U
1,2-Dibromoethane	ND	ug/kg	5	0 46	05/26/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/26/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/26/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/26/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/26/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/26/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/26/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/26/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/26/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/26/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/26/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0 42	05/26/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.65	05/26/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/26/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/26/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/26/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/26/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/26/98	GPO	108-86-1		U

Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601887698 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T24-1-5 0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/26/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/26/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/26/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/26/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/26/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/26/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/26/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/26/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/26/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/26/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/26/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/26/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/26/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/26/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/26/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/26/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/26/98	GPO	64-17-5		U
Ethyl-tert butyl ether(ETBE)	ND	ug/kg	5		05/26/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/26/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/26/98	GPO	87-68-3		U
Isopropy benzene (Cumene)	ND	ug/kg	5	0.67	05/26/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/26/98	GPO			U
Methyl-tert butyl Ether	ND	ug/kg	5		05/26/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/26/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/26/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/26/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/26/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/26/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/26/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/26/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/26/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/26/98	GPO	994-05-8		U

Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601887698 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T24-1-5 0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/26/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/26/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/26/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/26/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/26/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/26/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/26/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/26/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/26/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/26/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	86	%		1.82	05/26/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	84	%		1.01	05/26/98	GPO	460-00-4		
Dibromofluoromethane (S)	100	%		1.81	05/26/98	GPO	1868-53-7		
Toluene-d8 (S)	105	%		1.48	05/26/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601887706 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D51-S Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/27/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/27/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/27/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/27/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/27/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/27/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/27/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/27/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/27/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/27/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/27/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/27/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/27/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/27/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.61	05/27/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/27/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/27/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/27/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/27/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/27/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/27/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/27/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/27/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/27/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/27/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/27/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/27/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/27/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/27/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/27/98	CHL	108 86-1		U

Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601887706 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D51-S Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/27/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/27/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/27/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/27/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/27/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/27/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/27/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/27/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/27/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/27/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/27/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/27/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/27/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/27/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/27/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/27/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/27/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/27/98	CHL	637 92-3		U
Ethylbenzene	ND	ug/kg	5	0.85	05/27/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/27/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/27/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/27/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/27/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/27/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/27/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/27/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/27/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/27/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/27/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/27/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/27/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/27/98	CHL	994-05-8		U

Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601887706 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D51-S Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/27/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/27/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/27/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/27/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/27/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/27/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/27/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/27/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/27/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/27/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	93	%		1.82	05/27/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	66	%		1.01	05/27/98	CHL	460-00-4	2	
Dibromofluoromethane (S)	94	%		1.81	05/27/98	CHL	1868-53-7		
Toluene-d8 (S)	90	%		1.48	05/27/98	CHL	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601697714 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D51-3 0 Date Received: 05/21/98

GC/MS – VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/27/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/27/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/27/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/27/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0 67	05/27/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/27/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/27/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/27/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/27/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/27/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0 45	05/27/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/27/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/27/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/27/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/27/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0 7	05/27/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/27/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/27/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/27/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/27/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0 88	05/27/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/27/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1 93	05/27/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/27/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/27/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/27/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/27/98	CHL	108-10-1		U
Acetone	51	ug/kg	20	4.34	05/27/98	CHL	67 64-1	3	B
Benzene	ND	ug/kg	5	0 69	05/27/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/27/98	CHL	108-86-1		U

Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601887714 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D51-3 0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/27/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/27/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/27/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/27/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/27/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/27/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/27/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/27/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/27/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/27/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/27/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/27/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/27/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/27/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/27/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/27/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/27/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/27/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/27/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/27/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/27/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/27/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/27/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/27/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/27/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/27/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/27/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/27/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/27/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/27/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/27/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/27/98	CHL	994-05-8		U

Pace Project Number: 6021830
Client Project ID: 980520-05

Pace Sample No.: 601887714 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D51-3 0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/27/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/27/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/27/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/27/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/27/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/27/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/27/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/27/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/27/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/27/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	89	%		1.82	05/27/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	76	%		1.01	05/27/98	CHL	460-00-4		
Dibromofluoromethane (S)	96	%		1.61	05/27/98	CHL	1868-53-7		
Toluene-d8 (S)	103	%		1.48	05/27/98	CHL	2037-26-5		

Total EPA 8260 51

Pace Project Number: 6021830
Client Project ID: 980520-05

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	The Surrogate recovery value exceeded the established laboratory control limit value(117%).
[2]	Surrogate recovery outlier below lower control limit on two analyses.
[3]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).

Pace Analytical

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June 4, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107677
Client Project ID: 980520-05

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649176 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D52-SR3 Date Received: 05/21/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10648176 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D52-SR3 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/02/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/02/98	TAW	67-64-1	1	J
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649176 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D52-SR3 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/02/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649176 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D52-SR3 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	126	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	94	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	104	%		*	06/02/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649184 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D52-3.0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649184 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D52-3.0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/02/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/02/98	TAW	67-64-1	1	J
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649184 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: DS2-3.0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/02/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649184 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D52-3.0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/02/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649192 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: R1-2-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.035	*	05/30/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.035	*	05/30/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.035	*	05/30/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	0.069	mg/kg	0.035	*	05/30/98	SAC	53469-21-9	2	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.035	*	05/30/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.035	*	05/30/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	0.22	mg/kg	0.035	*	05/30/98	SAC	11096-82-5		
Decachlorobiphenyl (S)	122	%		*	05/30/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	83	%		*	05/30/98	SAC	877-09-8		
Date Extracted	05/28/98			*		SAC			
Total EPA 8080	0.289								

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Client Project ID: 980520-05

Pace Sample No.: 10649192 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: R1-2-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VQA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649192
Client Sample ID: R1-2-SR
Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/02/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/02/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

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Client Project ID: 980520-05

Pace Sample No.: 10649192
Client Sample ID: R1-2-SR
Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/02/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107877
Client Project ID: 980520-05

Pace Sample No.: 10649192 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: R1-2-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	124	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/02/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649200 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: R1-2-2.0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.039	*	05/30/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.039	*	05/30/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.039	*	05/30/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.039	*	05/30/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.039	*	05/30/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.039	*	05/30/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.039	*	05/30/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	92	%		*	05/30/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	90	%		*	05/30/98	SAC	877-09-8		
Date Extracted	05/28/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649200 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: R1-2-2.0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649200
Client Sample ID: R1-2-2.0
Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/02/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/02/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649200 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: R1-2-2.0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/02/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107877
Client Project ID: 980520-05

Pace Sample No.: 10849200 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: R1-2-2.0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	124	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/02/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649218
Client Sample ID: T23-2-SR
Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Client Project ID: 980520-05

Pace Sample No.: 10649218
Client Sample ID: T23-2-SR

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/02/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/02/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Client Project ID: 980520-05

Pace Sample No.: 10649219 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T23-2-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/02/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649218 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T23-2-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	105	%		*	06/02/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649226
Client Sample ID: T23-2-1.0

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

GC/MS - VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Client Project ID: 980520-05

Pace Sample No.: 10649226 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T23-2-1.0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/02/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/02/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649226 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T23-2-1.0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/02/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
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Tel: 612-617-6400
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Pace Project Number: 107877
Client Project ID: 980520-05

Pace Sample No.: 10649226 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T23-2-1.0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	126	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/02/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649234 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D24-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	*	05/30/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/30/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/30/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/30/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/30/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/30/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	0.067	mg/kg	0.033	*	05/30/98	SAC	11096-82-5		
Decachlorobiphenyl (S)	78	%		*	05/30/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	106	%		*	05/30/98	SAC	877-09-8		
Date Extracted	05/28/98			*		SAC			
Total EPA 8080	0.067								

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649234 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D24-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649234 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D24-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/02/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/02/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

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Pace Analytical

Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649234 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D24-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/02/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649234 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: D24-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/02/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649259 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T22-1-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	*	05/30/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/30/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/30/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/30/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/30/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/30/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	*	05/30/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	80	%		*	05/30/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	84	%		*	05/30/98	SAC	877-09-8		
Date Extracted	05/28/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107677
Client Project ID: 980520-05

Pace Sample No.: 10649267 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T22-1-3.0 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL		Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA										
Organochlorine PCBs	Method: EPA 8080						Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.043	*		05/29/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.043	*		05/29/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.043	*		05/29/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.043	*		05/29/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.043	*		05/29/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.043	*		05/29/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.043	*		05/29/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	101	%		*		05/29/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	94	%		*		05/29/98	SAC	877-09-8		
Date Extracted	05/28/98			*			SAC			
Total EPA 8080	ND									

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Pace Analytical

Pace Project Number: 107677
Client Project ID: 980520-05

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[2]	Quantified as AR1242, however pattern match is not strong possibly due to weathering.

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location;

PACE ANALYTICAL Project #:980522-01
PACE ANALYTICAL WO #:13282A
Client ID #:575-8G001

Date: 6/23/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/21/98 and received on 05/21/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Water)	2-3
CCR Metals (Soil)	4-6
BTEX (Water)	7-8
BTEX (Soil)	9-10
TPH-Speciation (Water)	11-12
TPH-Speciation (Soil)	13-14
List of Abbreviations and Definitions	15

In addition the analysis for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

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PACE ANALYTICAL Project# 980522-01
PACE ANALYTICAL WO# 13282A
Client ID# 575-6G001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	WTNF3-1	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	
Date Analyzed:	05/23/98	05/23/98		
Analyte				
Antimony (Sb)	<0.1	<0.1	0.1	6010
Arsenic (As)	0.24	<0.1	0.1	6010
Barium (Ba)	<0.2	<0.2	0.2	6010
Beryllium (Be)	<0.01	<0.01	0.01	6010
Cadmium (Cd)	<0.01	<0.01	0.01	6010
Chromium (Cr)	<0.01	<0.01	0.01	6010
Cobalt (Co)	<0.02	<0.02	0.02	6010
Copper (Cu)	<0.05	<0.05	0.05	6010
Lead (Pb)	<0.02	<0.02	0.02	6010
Mercury (Hg)*	<0.0002	<0.0002	0.0002	7471
Molybdenum (Mo)	<0.05	<0.05	0.05	6010
Nickel (Ni)	<0.01	<0.01	0.01	6010
Selenium (Se)	<0.05	<0.05	0.05	6010
Silver (Ag)	<0.01	<0.01	0.01	6010
Thallium (Tl)	<0.1	<0.1	0.1	6010
Vanadium (V)	<0.01	<0.01	0.01	6010
Zinc (Zn)	<0.2	<0.2	0.2	6010
DF	1	1		

*Mercury analyzed on 06/16/98

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980522-01
PACE ANALYTICAL WO#:13282A
Client ID#:575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		ICV % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/23/98		05/23/98	05/23/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	97	70-130	97	98	70-130	1.0	0-25
Arsenic (As)	6010	100	70-130	103	103	79-118	0.0	0-9
Barium (Ba)	6010	98	70-130	99	100	76-114	1.0	0-9
Beryllium (Be)	6010	98	70-130	100	101	70-130	1.0	0-25
Cadmium (Cd)	6010	98	70-130	94	94	78-108	0.0	0-9
Chromium (Cr)	6010	97	70-130	95	95	76-108	0.0	0-9
Cobalt (Co)	6010	97	70-130	95	96	70-130	0.0	0-25
Copper (Cu)	6010	98	70-130	94	98	70-130	4.2	0-25
Lead (Pb)	6010	95	70-130	95	95	74-106	0.0	0-9
Mercury (Hg)*	7471	113	70-130	76	76	80-122	0.0	0-10
Molybdenum (Mo)	6010	98	70-130	97	98	70-130	1.0	0-25
Nickel (Ni)	6010	97	70-130	95	95	70-130	0.0	0-25
Selenium (Se)	6010	99	70-130	105	106	77-120	0.9	0-10
Silver (Ag)	6010	99	70-130	97	97	69-110	0.0	0-8
Thallium (Tl)	6010	96	70-130	94	94	70-130	0.0	0-25
Vanadium (V)	6010	98	70-130	97	97	70-130	0.0	0-25
Zinc (Zn)	6010	96	70-130	96	97	70-130	1.0	0-25

*Mercury analyzed on 05/16/98

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PACE ANALYTICAL Project#:980522-01
PACE ANALYTICAL WO#:13282A
Client ID#:575-8G001

Analyst:	BJ/VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TNF3-1-S	TNF3-1-3	TNF3-1-5	TNF2-1-S	TNF2-1-3	TNF2-1-5		
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	PRL mg/Kg	EPA Method
Date Analyzed:	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98		
Analyte								
Antimony (Sb)	<50	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<50	<5.0	<5.0	<5.0	<5.0	5.4	5.0	6010
Barium (Ba)	<100	75	130	96	84	87	10	6010
Beryllium (Be)	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<5.0	<0.5	<0.5	0.6	0.5	<0.5	0.5	6010
Chromium (Cr)	520	48	41	120	44	45	0.5	6010
Cobalt (Co)	68	12	13	18	12	12	1.0	6010
Copper (Cu)	<25	9.5	13	32	11	12	2.5	6010
Lead (Pb)	59	5.7	19	180	8.3	9.0	1.0	6010
Mercury (Hg)*	0.11	<0.05	0.92	0.17	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<25	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	1300	28	34	290	32	37	1.0	6010
Selenium (Se)	<25	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<50	<5.0	<5.0	6.7	5.6	6.5	5.0	6010
Vanadium (V)	29	39	35	34	43	44	0.5	6010
Zinc (Zn)	<100	34	44	100	37	45	10	6010
DF	10	1	1	1	1	1		

*Mercury analyzed on 06/10/98.

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PACE ANALYTICAL Project#:980522-01
PACE ANALYTICAL WO#:13362A
Client ID#:575-8G001

Analyst: BJ/VN
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TNF3-2-S	TNF3-2-3	TNF2-2-S	TNF2-2-3	TNF2-2-5	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	5.2	<5.0	9.9	<5.0	5.0	6010
Barium (Ba)	120	80	150	73	140	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.6	<0.5	0.7	<0.5	0.5	6010
Chromium (Cr)	47	45	41	21	33	<0.5	0.5	6010
Cobalt (Co)	11	7.3	10	4.4	8.4	<1.0	1.0	6010
Copper (Cu)	28	22	100	40	70	<2.5	2.5	6010
Lead (Pb)	85	91	93	210	140	<1.0	1.0	6010
Mercury (Hg)*	0.08	0.09	0.11	1.4	0.62	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	45	27	33	20	32	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	6.3	<5.0	15	<5.0	5.0	6010
Vanadium (V)	32	31	33	17	32	<0.5	0.5	6010
Zinc (Zn)	82	60	110	110	130	<10	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/10/98.

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PACE ANALYTICAL Project#:980522-01
PACE ANALYTICAL WO#:13282A
Client ID#:575-8G001

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	WTNF3-1	Method Blank	MDL
Units:	µg/L	µg/L	µg/L
Analysis Date:	05/23/98	05/23/98	
Analyte			
Benzene	<0.3	<0.3	0.3
Toluene	<0.3	<0.3	0.3
Ethylbenzene	<0.6	<0.6	0.6
Total Xylenes	<0.6	<0.6	0.6
DF	1	1	
Surrogate Recovery %:			**Acceptable Range:**
a,a,a-Trifluorotoluene	108	92	62-131

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PACE ANALYTICAL Project#:980522-01
PACE ANALYTICAL WO#:13282A
Client ID#:575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/23/98		05/23/98	05/23/98			
Analyte							
Benzene	97	80-120	102	102	61-127	0.0	0-21
Toluene	101	80-120	106	107	61-116	0.9	0-16
Ethylbenzene	105	80-120	109	112	62-117	2.7	0-20
Total Xylenes	105	80-120	113	113	68-125	0.0	0-21

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PACE ANALYTICAL Project#:980522-01
PACE ANALYTICAL WO#:13282A
Client ID#:575-8G001

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TNF2-1-S	TNF2-1-3	TNF2-1-5	TNF3-2-S	TNF3-2-3	Method Blank	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	85	89	88	87	86	89	59-134

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/22/98		05/22/98	05/22/98			
Analyte							
Benzene	87	74-116	86	85	72-115	1.2	0-25
Toluene	91	73-116	88	86	70-114	2.3	0-22
Ethylbenzene	92	75-118	84	85	68-119	1.2	0-24
Total Xylenes	92	78-120	84	84	74-117	0.0	0-22

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Analyst: RG/VN
Preparation Analyst: RG/VN

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/L	PRL mg/L	DF
Client ID:	Analysis Date			
Method Blank	05/29/98	<0.5	0.5	1
WTNF3-1	05/29/98	<0.5	0.5	1

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QUALITY CONTROL/QUALITY ASSURANCE REPORT

Analyst: RG/VN
Preparation Analyst: RG/VN

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis date:	05/29/98		05/29/98	05/29/98			
TPH-Speciation	95	80-120	126	107	70-130	16	0-30

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Tel: 562-498-9515
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Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	PRL mg/Kg	DF
Client ID:	Analysis Date			
Method Blank	06/02/98	<10	10	1
TNF3-1-S	06/02/98	<10	10	1
TNF3-1-3	06/02/98	<10	10	1
TNF3-1-5	06/02/98	<10	10	1
Method Blank	05/29/98	<10	10	1
TNF2-1-S	05/29/98	<10	10	1
TNF2-1-3	05/29/98	<10	10	1
TNF2-1-5	05/29/98	<10	10	1
TNF3-2-S	05/29/98	<10	10	1
TNF3-2-3	05/29/98	<10	10	1
TNF2-2-S	05/29/98	<10	10	1
TNF2-2-3	05/29/98	<10	10	1
TNF2-2-5	05/29/98	<10	10	1

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Pace Analytical

PACE ANALYTICAL Project#:980522-01
PACE ANALYTICAL WO#:13282A
Client ID#:575-RG001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/02/98		06/02/98	06/02/98			
TPH-Speciation	112	80-120	123	124	70-130	0.8	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/29/98		05/29/98	05/29/98			
TPH-Diesel	119	75-125	120	112	61-127	6.9	0-25

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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June 4, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107580
Client Project ID: 980522-01

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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Tel: 612-617-6400
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Pace Project Number: 107580
Client Project ID: 980522-01

Pace Sample No.: 10652642 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-3-1-5 Date Received: 05/26/98

GC/MS – VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/01/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/01/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107580
Client Project ID: 980522-01

Pace Sample No.: 10652642
Client Sample ID: TNF-3-1-5

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/01/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/01/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/01/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/01/98	TAW	108-10-1		U
Acetone	32	ug/kg	20	*	06/01/98	TAW	67-64-1	1	B
Benzene	ND	ug/kg	5	*	06/01/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/01/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/01/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/01/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/01/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/01/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107580
Client Project ID: 980522-01

Pace Sample No.: 10652642 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-3-1-5 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/01/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/01/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/01/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/01/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/01/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/01/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/01/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/01/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/01/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/01/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/01/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/01/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/01/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/01/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/01/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/01/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107560
Client Project ID: 980522-01

Pace Sample No.: 10652642
Client Sample ID: TNF-3-1-5

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/01/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	126	%		*	06/01/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/01/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/01/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/01/98	TAW	2037-26-5		
Total EPA 8260	32								

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Pace Project Number: 107580
Client Project ID: 980522-01

Pace Sample No.: 10652642 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-3-1-5 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	05/28/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	05/28/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	05/28/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	05/28/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	05/28/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	05/28/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	05/28/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	05/28/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	05/28/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	05/28/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	05/28/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	05/28/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	05/28/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	05/28/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	05/28/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	05/28/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	05/28/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	650	*	05/28/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	05/28/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	05/28/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	05/28/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	650	*	05/28/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107580
Client Project ID: 980522-01

Pace Sample No.: 10652642 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-3-1-5 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	650	*	05/28/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	05/28/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	05/28/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	05/28/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	05/28/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	05/28/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	05/28/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	05/28/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	05/28/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	05/28/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	05/28/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	05/28/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	05/28/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	05/28/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	650	*	05/28/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	05/28/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	05/28/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	05/28/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	05/28/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	05/28/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	05/28/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	05/28/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	05/28/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	05/28/98	SAC	53-70-3		U

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Pace Project Number: 107580
Client Project ID: 980522-01

Pace Sample No.: 10652642
Client Sample ID: TNF-3-1-5

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	05/28/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	05/28/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	05/28/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	05/28/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	05/28/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	05/28/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	05/28/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	05/28/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	05/28/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	05/28/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	05/28/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	05/28/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	05/28/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	05/28/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	05/28/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	05/28/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	05/28/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	05/28/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	05/28/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	89	%		*	05/28/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	74	%		*	05/28/98	SAC	321-60-8		
2-Fluorophenol (S)	70	%		*	05/28/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	67	%		*	05/28/98	SAC	4165-60-0		
Phenol-d6 (S)	66	%		*	05/28/98	SAC	13127-88-3		

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Pace Project Number: 107580
Client Project ID: 980522-01

Pace Sample No.: 10852642 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-3-1-5 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	109	%		*	05/28/98	SAC	1718-51-0		
Date Extracted	05/27/98			-		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107580
Client Project ID: 980522-01

Pace Sample No.: 10652659 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-2-1-5 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	05/28/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	05/28/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	05/28/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	05/28/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	05/28/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	05/28/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	05/28/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	05/28/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	05/28/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	05/28/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	05/28/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	05/28/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	05/28/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	05/28/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	05/28/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	05/28/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	05/28/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	05/28/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	05/28/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	05/28/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	05/28/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	05/28/98	SAC	59-50-7		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107580
Client Project ID: 980522-01

Pace Sample No.: 10652659
Client Sample ID: TNF-2-1-5

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	05/28/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	05/28/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	05/28/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	05/28/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	05/28/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	05/28/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	05/28/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	05/28/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	05/28/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	05/28/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	05/28/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	05/28/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	05/28/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	05/28/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	05/28/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	05/28/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	05/28/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	05/28/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	05/28/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	05/28/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	05/28/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	05/28/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	05/28/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	05/28/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107580
Client Project ID: 980522-01

Pace Sample No.: 10652659 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-2-1-5 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	05/28/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	05/28/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	05/28/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	05/28/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	05/28/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	05/28/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	05/28/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	05/28/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	05/28/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	05/28/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	05/28/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	05/28/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	05/28/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	05/28/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	05/28/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	05/28/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	05/28/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	05/28/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	05/28/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	95	%		*	05/28/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	71	%		*	05/28/98	SAC	321-60-8		
2-Fluorophenol (S)	74	%		*	05/28/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	85	%		*	05/28/98	SAC	4165-60-0		
Phenol-d6 (S)	71	%		*	05/28/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107580
Client Project ID: 980522-01

Pace Sample No.: 10652659 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-2-1-5 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	108	%		*	05/28/98	SAC	1718-51-0		
Date Extracted	05/27/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107580
Client Project ID: 980522-01

Pace Sample No.: 10652667 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF2-2-5 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	ug/kg	0.094	*	05/28/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	0.094	*	05/28/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	0.094	*	05/28/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	0.094	*	05/28/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	0.094	*	05/28/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	0.094	*	05/28/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	0.094	*	05/28/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	105	%		*	05/28/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	99	%		*	05/28/98	SAC	877-09-8		
Date Extracted	05/27/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107580
Client Project ID: 980522-01

Pace Sample No.: 10652667
Client Sample ID: TNF2-2-5

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/01/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/01/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107580
Client Project ID: 980522-01

Pace Sample No.: 10652667
Client Sample ID: TNF2-2-5

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/01/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/01/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/01/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/01/98	TAW	108-10-1		U
Acetone	27	ug/kg	20	*	06/01/98	TAW	67-64-1	1	B
Benzene	ND	ug/kg	5	*	06/01/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/01/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/01/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/01/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/01/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/01/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107560
Client Project ID: 980522-01

Pace Sample No.: 10652667
Client Sample ID: TNF2-2-5

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/01/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/01/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/01/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/01/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/01/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/01/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/01/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/01/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/01/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/01/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/01/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/01/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/01/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/01/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/01/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/01/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107580
Client Project ID: 980522-01

Pace Sample No.: 10852687 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF2-2-5 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/01/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	126	%		*	06/01/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/01/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/01/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/01/98	TAW	2037-26-5		
Total EPA 8260	27								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107580
Client Project ID: 980522-01

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected
[1]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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June 4, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107581
Client Project ID: 980522-01

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652709
Client Sample ID: TNF-3-1-S

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

GC/MS – VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652709 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-3-1-S Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/03/98	TAW	67-64-1	1	J
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1246, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652709 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-3-1-S Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/03/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/03/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/03/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/03/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/03/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/03/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/03/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/03/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/03/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/03/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/03/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/03/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/03/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/03/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/03/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/03/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652709 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-3-1-S Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/03/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/03/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/03/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/03/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/03/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652709 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-3-1-S Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/03/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/03/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/03/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/03/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/03/98	SAC	59-50-7		U

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Pace Project Number: 107581
Client Project ID: 980522-01

Paco Sample No.: 10652709
Client Sample ID: TNF-3-1-S

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/03/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/03/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/03/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/03/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/03/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/03/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/03/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/03/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/03/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/03/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/03/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/03/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	770	ug/kg	330	*	06/03/98	SAC	117-81-7		
Butylbenzylphthalate	ND	ug/kg	330	*	06/03/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/03/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/03/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/03/98	SAC	53-70-3		U

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652709 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-3-1-S Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/03/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/03/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/03/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/03/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/03/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/03/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/03/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/03/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/03/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/03/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/03/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/03/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/03/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/03/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	80	%		*	06/03/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	77	%		*	06/03/98	SAC	321-60-8		
2-Fluorophenol (S)	69	%		*	06/03/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	74	%		*	06/03/98	SAC	4165-60-0		
Phenol-d6 (S)	68	%		*	06/03/98	SAC	13127-88-3		

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Pace Analytical

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652709 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-3-1-S Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	100	%		*	06/03/98	SAC	1718-51-0		
Date Extracted	06/01/98			*		SAC			
Total EPA 8270	770								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652717
Client Sample ID: TNF-3-1-3

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652717
Client Sample ID: TNF-3-1-3

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/03/98	TAW	67-64-1	1	J
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107591
Client Project ID: 980522-01

Pace Sample No.: 10652717
Client Sample ID: TNF-3-1-3

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/03/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/03/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/03/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/03/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/03/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/03/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/03/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/03/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/03/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/03/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/03/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/03/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/03/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/03/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/03/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/03/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10552717 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-3-1-3 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/03/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/03/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/03/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/03/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/03/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652717
Client Sample ID: TNF-3-1-3

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270				Prep Method: EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/03/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/03/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/03/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/03/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/03/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652717
Client Sample ID: TNF-3-1-3

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/03/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/03/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/03/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/03/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/03/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/03/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/03/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/03/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/03/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/03/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/03/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/03/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/03/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/03/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/03/98	SAC	218-01-9		U
Di-n-butylphthalate	trace	ug/kg	330	*	06/03/98	SAC	84-74-2	1	J
Di-n-octylphthalate	ND	ug/kg	330	*	06/03/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/03/98	SAC	53-70-3		U

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652717
Client Sample ID: TNF-3-1-3

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/03/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/03/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/03/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/03/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/03/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/03/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/03/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/03/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/03/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/03/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/03/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/03/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/03/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/03/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	79	%		*	06/03/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	70	%		*	06/03/98	SAC	321-60-8		
2-Fluorophenol (S)	64	%		*	06/03/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	69	%		*	06/03/98	SAC	4165-60-0		
Phenol-d6 (S)	62	%		*	06/03/98	SAC	13127-88-3		

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Pace Analytical

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652717 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-3-1-3 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	93	%		*	06/03/98	SAC	1718-51-0		
Date Extracted	06/01/98			*		SAC			
Total EPA 8270	ND								

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Pace Analytical

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652725 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-2-1-S Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270				Prep Method: EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/03/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/03/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/03/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/03/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/03/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652725
Client Sample ID: TNF-2-1-S
Date Collected: 05/21/98
Date Received: 05/26/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/03/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/03/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/03/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/03/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/03/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/03/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/03/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/03/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/03/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/03/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/03/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/03/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	*	06/03/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	*	06/03/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/03/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/03/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/03/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652725
Client Sample ID: TNF-2-1-S

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/03/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/03/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/03/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/03/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/03/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/03/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/03/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/03/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/03/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/03/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/03/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/03/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/03/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/03/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	83	%		*	06/03/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	80	%		*	06/03/98	SAC	321-60-8		
2-Fluorophenol (S)	74	%		*	06/03/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	78	%		*	06/03/98	SAC	4165-60-0		
Phenol-d6 (S)	76	%		*	06/03/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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1700 Elm Street - Suite 200
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Tel: 612-617-6400
Fax: 612-617 6444

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652725 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF-2-1-S Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	112	%		*	06/03/98	SAC	1718-51-0		
Date Extracted	06/01/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10552733
Client Sample ID: TNF2-1-3

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/03/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/03/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/03/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/03/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/03/98	SAC	59-50-7		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652733
Client Sample ID: TNF2-1-3

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/03/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/03/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/03/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/03/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/03/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/03/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/03/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/03/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/03/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/03/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/03/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/03/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/03/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/03/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/03/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/03/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/03/98	SAC	53-70-3		U

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652733
Client Sample ID: TNF2-1-3

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/03/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/03/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/03/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/03/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/03/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/03/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/03/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/03/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/03/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/03/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/03/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/03/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/03/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/03/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	76	%		*	06/03/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	76	%		*	06/03/98	SAC	321-60-8		
2-Fluorophenol (S)	68	%		*	06/03/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	75	%		*	06/03/98	SAC	4165-60-0		
Phenol-d6 (S)	70	%		*	06/03/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652733 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF2-1-3 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	98	%		*	06/03/98	SAC	1718-51-0		
Date Extracted	06/01/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652741 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF3-2-S Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/03/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/03/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/03/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/03/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/03/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652741
Client Sample ID: TNF3-2-S

Date Collected: 05/21/98
Date Received: 05/28/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/03/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/03/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/03/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/03/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/03/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/03/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/03/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/03/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/03/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/03/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/03/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/03/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/03/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/03/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/03/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/03/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/03/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652741 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF3-2-S Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Dibenzofuran	ND	ug/kg	330	*	06/03/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/03/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/03/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/03/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/03/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/03/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/03/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/03/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/03/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/03/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/03/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/03/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/03/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/03/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	70	%		*	06/03/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	71	%		*	06/03/98	SAC	321-60-8		
2-Fluorophenol (S)	63	%		*	06/03/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	69	%		*	06/03/98	SAC	4165-60-0		
Phenol-d6 (S)	64	%		*	06/03/98	SAC	13127-88-3		

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Pace Analytical

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652741 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF3-2-S Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	107	%		*	06/03/98	SAC	1718-51-0		
Date Extracted	06/01/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652758 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF3-2-3 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	320	*	06/03/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	320	*	06/03/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	320	*	06/03/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	320	*	06/03/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	320	*	06/03/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	320	*	06/03/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	320	*	06/03/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	320	*	06/03/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	320	*	06/03/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	320	*	06/03/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	320	*	06/03/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	320	*	06/03/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	320	*	06/03/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	320	*	06/03/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	320	*	06/03/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	650	*	06/03/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/03/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	320	*	06/03/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	650	*	06/03/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652758
Client Sample ID: TNF3-2-3
Date Collected: 05/21/98
Date Received: 05/26/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	650	*	06/03/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	320	*	06/03/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	320	*	06/03/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	320	*	06/03/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	320	*	06/03/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	320	*	06/03/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	320	*	06/03/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	320	*	06/03/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	trace	ug/kg	320	*	06/03/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	ND	ug/kg	320	*	06/03/98	SAC	191-24-2		U
Benzo(k)fluoranthene	trace	ug/kg	320	*	06/03/98	SAC	207-08-9	1	J
Benzoic Acid	ND	ug/kg	1600	*	06/03/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	650	*	06/03/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	320	*	06/03/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	320	*	06/03/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	320	*	06/03/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	320	*	06/03/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	320	*	06/03/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	320	*	06/03/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	320	*	06/03/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	320	*	06/03/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	320	*	06/03/98	SAC	53-70-3		U

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652758
Client Sample ID: TNF3-2-3

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	320	*	06/03/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	320	*	06/03/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	320	*	06/03/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	320	*	06/03/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	320	*	06/03/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	320	*	06/03/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	320	*	06/03/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	320	*	06/03/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	320	*	06/03/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	320	*	06/03/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	320	*	06/03/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	320	*	06/03/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	320	*	06/03/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	320	*	06/03/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	320	*	06/03/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/03/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	320	*	06/03/98	SAC	85-01-8		U
Phenol	ND	ug/kg	320	*	06/03/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	320	*	06/03/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	62	%		*	06/03/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	61	%		*	06/03/98	SAC	321-60-8		
2-Fluorophenol (S)	55	%		*	06/03/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	61	%		*	06/03/98	SAC	4165-60-0		
Phenol-d6 (S)	59	%		*	06/03/98	SAC	13127-88-3		

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652758
Client Sample ID: TNF3-2-3

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	85	%		*	06/03/98	SAC	1718-51-0		
Date Extracted	06/01/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10852766 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF2-2-S Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	*	06/02/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	*	06/02/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/02/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/02/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/02/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/02/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	*	06/02/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	103	%		*	06/02/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	108	%		*	06/02/98	SAC	877-09-8		
Date Extracted	05/29/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652768 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF2-2-S Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652765
Client Sample ID: TNF2-2-S

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/03/98	TAW	67-64-1	1,2	J
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652766
Client Sample ID: TNF2-2-S

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/03/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/03/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/03/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/03/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/03/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/03/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/03/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/03/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/03/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/03/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/03/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/03/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/03/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/03/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/03/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/03/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-69-4		U

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652766 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF2-2-S Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/03/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/03/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/03/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/03/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/03/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652774 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF2-2-3 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	*	06/02/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	*	06/02/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/02/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/02/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/02/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/02/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	*	06/02/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	97	%		*	06/02/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	107	%		*	06/02/98	SAC	877-09-8		
Date Extracted	05/29/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652774
Client Sample ID: TNF2-2-3

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

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Pace Analytical

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652774
Client Sample ID: TNF2-2-3

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/03/98	TAW	67-64-1	1,2	J
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

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Pace Analytical

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10552774 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF2-2-3 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/03/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/03/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/03/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/03/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/03/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/03/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/03/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/03/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/03/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/03/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/03/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/03/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/03/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/03/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/03/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/03/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-69-4		U

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652774 Date Collected: 05/21/98 Matrix: Soil
Client Sample ID: TNF2-2-3 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/03/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/03/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/03/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/03/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/03/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652790
Client Sample ID: WTNF3-1
Date Collected: 05/21/98
Date Received: 05/26/98
Matrix: Water

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/L	0.11	*	06/02/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/L	0.11	*	06/02/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/L	0.11	*	06/02/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/L	0.11	*	06/02/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/L	0.11	*	06/02/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/L	0.11	*	06/02/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/L	0.11	*	06/02/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	63	%		*	06/02/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	117	%		*	06/02/98	SAC	877-09-8		
Date Extracted	05/28/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652790 Date Collected: 05/21/98 Matrix: Water
Client Sample ID: WTNF3-1 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/L	5	*	05/27/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/L	5	*	05/27/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/L	5	*	05/27/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/L	5	*	05/27/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/L	5	*	05/27/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/L	5	*	05/27/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/L	5	*	05/27/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/L	5	*	05/27/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/L	5	*	05/27/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/L	5	*	05/27/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/L	5	*	05/27/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/L	5	*	05/27/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/L	5	*	05/27/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/L	5	*	05/27/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/L	5	*	05/27/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/L	5	*	05/27/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/L	5	*	05/27/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/L	5	*	05/27/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/L	5	*	05/27/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/L	5	*	05/27/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/L	5	*	05/27/98	TAW	594-20-7		U
2-Butanone	ND	ug/L	10	*	05/27/98	TAW	78-93-3		U

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Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652790 Date Collected: 05/21/98 Matrix: Water
Client Sample ID: WTNF3-1 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/L	10	*	05/27/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/L	5	*	05/27/98	TAW	95-49-8		U
2-Hexanone	ND	ug/L	10	*	05/27/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/L	100	*	05/27/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/L	5	*	05/27/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/L	10	*	05/27/98	TAW	108-10-1		U
Acetone	ND	ug/L	10	*	05/27/98	TAW	67-64-1		U
Benzene	ND	ug/L	5	*	05/27/98	TAW	71-43-2		U
Bromobenzene	ND	ug/L	5	*	05/27/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/L	5	*	05/27/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/L	5	*	05/27/98	TAW	75-27-4		U
Bromoform	ND	ug/L	5	*	05/27/98	TAW	75-25-2		U
Bromomethane	ND	ug/L	5	*	05/27/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/L	5	*	05/27/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/L	5	*	05/27/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/L	5	*	05/27/98	TAW	108-90-7		U
Chloroethane	ND	ug/L	5	*	05/27/98	TAW	75-00-3		U
Chloroform	ND	ug/L	5	*	05/27/98	TAW	67-66-3		U
Chloromethane	ND	ug/L	5	*	05/27/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/L	5	*	05/27/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/L	5	*	05/27/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/L	5	*	05/27/98	TAW	124-48-1		U
Dibromomethane	ND	ug/L	5	*	05/27/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/L	5	*	05/27/98	TAW	75-71-8		U

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Pace Analytical

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652790 Date Collected: 05/21/98 Matrix: Water
Client Sample ID: WTNF3-1 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/L	500	*	05/27/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/L	5	*	05/27/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/L	5	*	05/27/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/L	5	*	05/27/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/L	50	*	05/27/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/L	5	*	05/27/98	TAW	98-82-8		U
Methyl-tert-butyl Ether	ND	ug/L	5	*	05/27/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/L	5	*	05/27/98	TAW	75-09-2	2	U
n-Butylbenzene	ND	ug/L	5	*	05/27/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/L	5	*	05/27/98	TAW	103-65-1		U
Naphthalene	ND	ug/L	5	*	05/27/98	TAW	91-20-3		U
p-Isopropyltoluene	ND	ug/L	5	*	05/27/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/L	5	*	05/27/98	TAW	135-98-8		U
Styrene	ND	ug/L	5	*	05/27/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/L	100	*	05/27/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/L	5	*	05/27/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/L	5	*	05/27/98	TAW	127-18-4		U
Toluene	ND	ug/L	5	*	05/27/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/L	5	*	05/27/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/L	5	*	05/27/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/L	5	*	05/27/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/L	5	*	05/27/98	TAW	75-69-4		U
Vinyl Acetate	ND	ug/L	10	*	05/27/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/L	5	*	05/27/98	TAW	75-01-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10552790 Date Collected: 05/21/98 Matrix: Water
Client Sample ID: WTNF3-1 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Xylene (Total)	ND	ug/L	5	*	05/27/98	TAW	1330-20-7		U
1,2-Dichloroethane-d4 (S)	108	%		*	05/27/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	96	%		*	05/27/98	TAW	460-00-4		
Dibromofluoromethane (S)	100	%		*	05/27/98	TAW	1868-53-7		
Toluene-d8 (S)	98	%		*	05/27/98	TAW	2037-26-5		
Total EPA 8260	ND								

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1700 Elm Street - Suite 200
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Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652790 Date Collected: 05/21/98 Matrix: Water
Client Sample ID: WTNF3-1 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/L	10	*	06/01/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/L	10	*	06/01/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/L	10	*	06/01/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/L	10	*	06/01/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/L	50	*	06/01/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/L	10	*	06/01/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/L	10	*	06/01/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/L	10	*	06/01/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/L	50	*	06/01/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/L	10	*	06/01/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/L	10	*	06/01/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/L	10	*	06/01/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/L	10	*	06/01/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/L	10	*	06/01/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/L	10	*	06/01/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/L	50	*	06/01/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/L	10	*	06/01/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/L	20	*	06/01/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/L	50	*	06/01/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/L	50	*	06/01/98	SAC	534-52-1		U
4-Bromophenyl phenylether	ND	ug/L	10	*	06/01/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/L	10	*	06/01/98	SAC	59-50-7		U

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652790
Client Sample ID: WTNF3-1

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Water

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/L	10	*	06/01/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/L	10	*	06/01/98	SAC	7005-72-3		U
4-Methylphenol	trace	ug/L	10	*	06/01/98	SAC	106-44-5	1	J
4-Nitroaniline	ND	ug/L	50	*	06/01/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/L	50	*	06/01/98	SAC	100-02-7		U
Acenaphthene	ND	ug/L	10	*	06/01/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/L	10	*	06/01/98	SAC	208-96-8		U
Anthracene	ND	ug/L	10	*	06/01/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/L	10	*	06/01/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/L	10	*	06/01/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/L	10	*	06/01/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/L	10	*	06/01/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/L	10	*	06/01/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/L	50	*	06/01/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/L	10	*	06/01/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/L	10	*	06/01/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/L	10	*	06/01/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/L	10	*	06/01/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/L	10	*	06/01/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/L	10	*	06/01/98	SAC	85-68-7		U
Chrysene	ND	ug/L	10	*	06/01/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/L	10	*	06/01/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/L	10	*	06/01/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/L	10	*	06/01/98	SAC	53-70-3		U

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-6400
Fax: 612-607-6444

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652790
Client Sample ID: WTNF3-1

Date Collected: 05/21/98
Date Received: 05/26/98

Matrix: Water

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/L	10	*	06/01/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/L	10	*	06/01/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/L	10	*	06/01/98	SAC	131-11-3		U
Fluoranthene	ND	ug/L	10	*	06/01/98	SAC	206-44-0		U
Fluorene	ND	ug/L	10	*	06/01/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/L	10	*	06/01/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/L	10	*	06/01/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/L	10	*	06/01/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/L	10	*	06/01/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	*	06/01/98	SAC	193-39-5		U
Isophorone	ND	ug/L	10	*	06/01/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/L	10	*	06/01/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/L	10	*	06/01/98	SAC	86-30-6		U
Naphthalene	trace	ug/L	10	*	06/01/98	SAC	91-20-3	1	J
Nitrobenzene	ND	ug/L	10	*	06/01/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/L	50	*	06/01/98	SAC	87-86-5		U
Phenanthrene	trace	ug/L	10	*	06/01/98	SAC	85-01-8	1	J
Phenol	ND	ug/L	10	*	06/01/98	SAC	108-95-2		U
Pyrene	ND	ug/L	10	*	06/01/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	101	%		*	06/01/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	75	%		*	06/01/98	SAC	321-60-8		
2-Fluorophenol (S)	64	%		*	06/01/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	75	%		*	06/01/98	SAC	4165-60-0		
Phenol-d6 (S)	64	%		*	06/01/98	SAC	13127-88-3		

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107581
Client Project ID: 980522-01

Pace Sample No.: 10652790 Date Collected: 05/21/98 Matrix: Water
Client Sample ID: WTNF3-1 Date Received: 05/26/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	118	%		*	06/01/98	SAC	1718-51-0		
Date Extracted	05/26/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107581
Client Project ID: 980522-01

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[2]	Common laboratory contaminant.

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

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980522-01

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423393

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Pass	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave	Bill To: ←		Pace Project Manager
Hayward, CA 94545	P.O. # / Billing Reference: 575-86-001		Pace Project No.
Phone: (510) 785-1111	Project Name / No.: West Approach		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature] Date Sampled: 5/21/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCl)	NaOH	ANALYSES REQUEST: CCR metals	TPH-S	BTEX	8260	8270	8080	STLC Cr	STLC Pb	STLC Ni	STLC Cu	REMARKS
1	TNF3-1-5	805	S	Lab 6/12							X	X	X	X	X	X	X	X			
2	TNF [redacted] 3-1-3	810											↓	↓	↓						
3	TNF [redacted] 3-1-5	815																			RUSH
4	TNF [redacted] 3-1-10	820																			Archive
5	TNF2-1-5											X		X		X	X	X			
6	TNF2-1-3											↓		↓							
7	TNF2-1-5																				RUSH
8	TNF2-1-10		↓													X	X	X	X		Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] PSI			Hughson		

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

13282A
980522-01 423394

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Pass	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8622		Pace Project No.
Sampled By (PRINT): Scott Towers	Project Name / No.: West Approach		*Requested Due Date:
Sampler Signature:	Date Sampled: 5/21/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-D	BTEX 8260	8270	8080	STLC Pb
1	TNF3-2-S	950	S	Fun 6/19							X	X	X		X	
2	TNF3-2-3	955									X	X	X		X	
3	TNF2-2-S	1020									X	X		X		X
4	TNF2-2-3	1025														X
5	TNF2-2-5	1030														X
6	TNF2-2-10	1035														X
7																
8																

REMARKS: RUSH
Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/21/98	1700	CA Onsite	5/21/98	1700

SAMPLE CONDITION

Temp: 2 °C	Received on Ice: (Y) N	Sealed Cooler: (Y) N	Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

13282A
980522-01

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423395

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: —		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date:
Sampler Signature:	Date Sampled: 5/21/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	8260	8270	8080	REMARKS
1	WTNF3-1	840	W								X	X	X	X	X	X	
2																	
3																	
4																	
5																	
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/21/98	1700	Hughston	5/21/98	1700

SAMPLE CONDITION 1

Temp: 2 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

TNF 5/00

1328LA
980522-01

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423393

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86-001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date:
Sampler Signature:	Date Sampled: 5/21/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR metals	TPH-5	BTEX	8260	8270	8080	REMARKS
1	TNF3-1-5	805	S								X	X	X	X	X		
2	TNF [redacted]	810															
3	TNF [redacted]	815															
4	TNF [redacted]	820															RUSH Archive
5	TNF2-1-5	Shelf	123g	pl6								X	X				
6	TNF2-1-3		11.17g	pl													
7	TNF2-1-5		1.26g														RUSH Archive
8	TNF2-1-10																

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI			Hughes		

SAMPLE CONDITION

Temp: 2 °C	Received on Ice: (Y) N	Sealed Cooler: (Y) N	Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Pg 3 is 1 H2O

WTNF3-1

13282A

980522-01 423394

Page 2 of 3

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Pass	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date:
Sampler Signature:	Date Sampled: 5/21/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-D	BTEX	8260	8270	8080	REMARKS
1	TNF3-2-S	950	S	~~Scott~~ 1.00g	03						X	X	X		X		
2	TNF3-2-3	955		1.20g	04						X	X	X		X		
3	TNF2-2-S	1020		TNF2-1-S	06	0.97g				05	X	X		X		X	
4	TNF2-2-3	1025									↓	↓	↓		↓		RUSH
5	TNF2-2-5	1030									↓	↓	↓		↓		Archive
6	TNF2-2-10	1035															
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/20/98	1700	CA Orontite	5/21/98	1705

SAMPLE CONDITION

Temp: 2 °C	Received on Ice: (Y) N	Sealed Cooler: (Y) N	Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

13-21.
980522-01

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423393

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Doss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86-001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date:
Sampler Signature:	Date Sampled: 5/21/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR metals	TPH-S	BTEX	8260	8270	8080	REMARKS
1	TNF3-1-S	805	S								X	X	X	X	X		
2	TNF [redacted] 3-1-3	810											↓	↓	↓		
3	TNF [redacted] 3-1-5	815															RUSH
4	TNF [redacted] 3-1-10	820															Archive
5	TNF2-1-S											X		X			
6	TNF2-1-3											↓		↓			
7	TNF2-1-5										↓	↓					RUSH
8	TNF2-1-10		↓								↓	↓					Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← PSI			Hughson		

SAMPLE CONDITION

Temp: 2 °C	Received on Ice: (Y) N	Sealed Cooler: (Y) N	Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

1328A
980522-01 423394

Page 2 of 3

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Pass
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8000
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach
Sampler Signature:	Date Sampled: 5/21/98

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No
*Requested Due Date:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-D	BTEX	6260	8270	8080	REMARKS
1	TNF3-2-5	950	S								X	X	X	X			
2	TNF3-2-3	955									X	X	X	X			
3	TNF2-2-5	1020									X	X	X		X		
4	TNF2-2-3	1025															
5	TNF2-2-5	1030															
6	TNF2-2-10	1035															RUSH Archive
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	/ PSI	5/20/98	1700	CA Onsite	5/21/98	1700

SAMPLE CONDITION

Temp: 2 °C	Received on Ice: (Y) N	Sealed Cooler: (Y) N	Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

1528LA
980522-01

Page 3/3

423395

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date:
Sampler Signature:	Date Sampled: 5/21/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX 8260	8270	8080	REMARKS
1	WTNF3-1	840	W								X	X	X	X	X	
2																
3																
4																
5																
6																
7																
8																

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/21/98	1700		5/21/98	1700

SAMPLE CONDITION

Temp: 2 °C	Received on Ice: (Y) N	Sealed Cooler: (Y) N	Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

Pace Analytical Services, I
3970 Gilman S
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: Caltrans SFW
Site Location:

PACE ANALYTICAL Project #: 980521-03
PACE ANALYTICAL WO #: 13278a
Client ID #: BG001 SFW

Date: 6/18/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/20/98 and received on 05/21/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters.

ANALYTICAL TEST	PAGE
CCR Metals (Soil)	2-13
BTEX (Soil)	14-15
TPH-Speciation (Soil)	16-19
List of Abbreviations and Definitions	20

Reviewed by:
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. CLAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980521-03
PACE ANALYTICAL WO#: 13278a
Client ID#: BG001 SFW

Analyst:	VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D55-S	D55-3.0	D54-S	D54-3.0	D57-S	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/13/98	06/13/98	06/13/98	06/13/98	06/13/98		
Analyte							
Antimony (Sb)	16	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	5.8	5.4	<5.0	5.8	5.0	6010
Barium (Ba)	120	260	190	190	120	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	1.3	<0.5	0.6	<0.5	0.5	6010
Chromium (Cr)	43	32	30	33	45	0.5	6010
Cobalt (Co)	13	7.4	15	13	15	1.0	6010
Copper (Cu)	28	58	30	26	22	2.5	6010
Lead (Pb)	390	830	63	51	9.3	1.0	6010
Mercury (Hg)	0.16	0.52	<0.05	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	40	23	60	42	41	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	5.9	<5.0	<5.0	5.0	6010
Vanadium (V)	34	30	25	27	36	0.5	6010
Zinc (Zn)	89	430	79	130	56	10	6010
DF	1	1	1	1	1		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
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Long Beach, CA 90815
Tel: 562-498-9515
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PACE ANALYTICAL Project#:980521-03
PACE ANALYTICAL WO#: 13278a
Client ID#: 8C001 SFW

Analyst:	VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D57-3.0	D70-S	D70-3.0	D67-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/13/98	06/13/98	06/13/98	06/13/98	06/13/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	6.7	<5.0	5.5	<5.0	5.0	6010
Barium (Ba)	130	200	340	230	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.7	<0.5	<0.5	0.5	6010
Chromium (Cr)	42	25	43	26	<0.5	0.5	6010
Cobalt (Co)	10	15	10	18	<1.0	1.0	6010
Copper (Cu)	18	37	39	42	<2.5	2.5	6010
Lead (Pb)	57	41	590	21	<1.0	1.0	6010
Mercury (Hg)	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	31	38	33	41	<0.5	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	5.8	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	35	23	36	24	<0.5	0.5	6010
Zinc (Zn)	67	94	440	81	<10	10	6010
DF	1	1	1	1	1		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel. 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/13/98		06/13/98	06/13/98			
Analyte	EPA Method							
Antimony (Sb)	6010	94	70-130	35**	27**	60-130	26**	0-25
Arsenic (As)	6010	90	78-104	77	85	34-135	10	0-15
Barium (Ba)	6010	97	81-117	87	87	55-130	0	0-25
Beryllium (Be)	6010	89	70-130	84	84	70-130	0	0-25
Cadmium (Cd)	6010	93	75-104	87	89	73-115	2.3	0-15
Chromium (Cr)	6010	94	81-103	89	86	62-125	3.4	0-15
Cobalt (Co)	6010	92	70-130	76	76	70-130	0	0-25
Copper (Cu)	6010	94	70-130	87	88	70-140	1.1	0-25
Lead (Pb)	6010	93	76-104	91	84	48-120	3.6	0-30
Mercury (Hg)	7471	86	76-121	81	73	70-135	10	0-30
Molybdenum (Mo)	6010	95	70-130	80	77	70-130	3.8	0-25
Nickel (Ni)	6010	91	70-130	73	79	70-130	7.9	0-25
Selenium (Se)	6010	90	79-102	78	79	42-120	1.3	0-16
Silver (Ag)	6010	96	77-107	83	84	53-115	1.2	0-19
Thallium (Tl)	6010	94	70-130	93	94	70-130	1.1	0-25
Vanadium (V)	6010	95	70-130	88	87	70-130	1.1	0-25
Zinc (Zn)	6010	96	70-130	81	84	70-130	3.6	0-25

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562 498-9515
Fax 562-597-0786

Analyst:	VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D67-3.0	TF27-1-5	TF27-1-3.0	TF27-1-5	TF29-1-5	TF29-1-3.0		EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	PRL mg/Kg	Method
Date Analyzed:	06/16/98	06/16/98	06/16/98	06/16/98	06/16/98	06/16/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	6.0	5.5	5.0	6010
Barium (Ba)	100	87	44	38	84	180	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	0.7	0.7	0.5	6010
Chromium (Cr)	42	58	76	40	25	31	0.5	6010
Cobalt (Co)	10	6.5	8.3	8.4	9.1	8.5	1.0	6010
Copper (Cu)	14	8.7	4.0	12	39	44	2.5	6010
Lead (Pb)	48	<1.0	3.3	4.2	150	280	1.0	6010
Mercury (Hg)	0.34	<0.05	<0.05	0.15*	0.08	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	34	42	48	45	32	29	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	7.0	<5.0	5.0	6010
Vanadium (V)	34	33	39	30	29	27	0.5	6010
Zinc (Zn)	59	30	18	15	140	150	10	6010
DF	1	1	1	1	1	1		

* Mercury analyzed at ATL. 5/28/98, PRL = 0.10.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
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PACE ANALYTICAL Project#: 980521-03
PACE ANALYTICAL WO#: 1327ba
Client ID#: 8G001 SFW

Analyst:	VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TF28-1-5.0	TF28-1-S	TF28-1-3.0	TF28-1-5	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/16/98	06/16/98	06/16/98	06/16/98	06/16/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	7.1	9.8	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	18	130	40	37	<10	10	6010
Beryllium (Be)	0.7	0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	0.6	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	30	44	38	37	<0.5	0.5	6010
Cobalt (Co)	9.7	13	4.6	5.0	<1.0	1.0	6010
Copper (Cu)	9.3	35	8.1	7.0	<2.5	2.5	6010
Lead (Pb)	7.1	35	100	69	<1.0	1.0	6010
Mercury (Hg)	0.58*	<0.05	<0.05	0.11*	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	24	61	22	19	<0.5	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	11	6.5	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	37	25	22	27	<0.5	0.5	6010
Zinc (Zn)	43	81	41	38	<10	10	6010
DF	1	1	1	1	1		

* Mercury analyzed at ATL, 5/28/98, PRL = 0.10.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
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Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980521-03
PACE ANALYTICAL WO#: 1327Ba
Client ID#: 8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/16/98		06/16/98	06/16/98			
Analyte	EPA Method							
Antimony (Sb)	6010	91	70-130	36**	27**	60-130	29**	0-25
Arsenic (As)	6010	92	78-104	86	88	34-135	2.3	0-15
Barium (Ba)	6010	96	81-117	89	89	55-130	0	0-25
Beryllium (Be)	6010	92	70-130	90	90	70-130	0	0-25
Cadmium (Cd)	6010	88	75-104	85	86	73-115	1.2	0-15
Chromium (Cr)	6010	93	81-103	92	89	62-125	3.3	0-15
Cobalt (Co)	6010	91	70-130	80	78	70-130	2.5	0-25
Copper (Cu)	6010	94	70-130	93	92	70-140	1.1	0-25
Lead (Pb)	6010	89	76-104	80	83	48-120	3.7	0-30
Mercury (Hg)	7471	86	76-121	92	66**	70-135	33**	0-30
Mercury (Hg)*	7471	106	76-121	120	116	70-135	4	0-30
Molybdenum (Mo)	6010	93	70-130	81	77	70-130	5.1	0-25
Nickel (Ni)	6010	89	70-130	77	82	70-130	6.3	0-25
Selenium (Se)	6010	91	79-102	80	81	42-120	1.2	0-16
Silver (Ag)	6010	93	77-107	83	85	53-115	2.4	0-19
Thallium (Tl)	6010	93	70-130	92	93	70-130	1.1	0-25
Vanadium (V)	6010	93	70-130	90	88	70-130	2.2	0-25
Zinc (Zn)	6010	94	70-130	83	86	70-130	3.6	0-25

* Mercury analyzed at ATL. 5/28/98.
** Sample matrix effect.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980521-03
PACE ANALYTICAL WO#: 13278a
Client ID#: 8G001 SFW

Analyst:	VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TF32-1-S	TF31-1-S	TF31-1-3	TF31-1-8	TF30-1-S	TF30-1-3	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/16/98	06/16/98	06/16/98	06/16/98	06/16/98	06/16/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	6.3	<5.0	<5.0	<5.0	6.9	5.9	5.0	6010
Barium (Ba)	190	52	41	110	190	130	10	6010
Beryllium (Be)	0.6	0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.7	<0.5	<0.5	<0.5	0.9	<0.5	0.5	6010
Chromium (Cr)	32	25	8.3	34	29	27	0.5	6010
Cobalt (Co)	15	9.0	2.6	8.0	9.4	4.6	1.0	6010
Copper (Cu)	35	260	6.8	17	120	130	2.5	6010
Lead (Pb)	26	20	2.4	18	360	890	1.0	6010
Mercury (Hg)	<0.05	<0.05	<0.05	<0.10*	0.45	0.71	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	46	21	13	32	45	18	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	5.7	7.2	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	26	36	8.8	26	28	22	0.5	6010
Zinc (Zn)	94	72	34	53	200	150	10	6010
DF	1	1	1	1	1	1		

* Mercury analyzed at ATL, 5/28/98

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

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PACE ANALYTICAL Project# 980521-03
PACE ANALYTICAL WO#: 13278a
Client ID#: 8G001 SFW

Analyst:	VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TF30-1-5	TF36-1-S	TF36-1-3	TF36-1-5	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/16/98	06/16/98	06/16/98	06/16/98	06/16/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	7.0	7.8	6.0	<5.0	<5.0	5.0	6010
Barium (Ba)	44	130	60	180	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	1.0	<0.5	0.5	6010
Cadmium (Cd)	<0.5	1.6	0.6	<0.5	<0.5	0.5	6010
Chromium (Cr)	31	30	81	7.4	<0.5	0.5	6010
Cobalt (Co)	5.2	6.8	8.1	7.0	<1.0	1.0	6010
Copper (Cu)	37	190	92	51	<2.5	2.5	6010
Lead (Pb)	87	430	120	38	<1.0	1.0	6010
Mercury (Hg)	0.26*	1.7	65	1.6	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	21	25	32	12	<0.5	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	24	28	32	20	<0.5	0.5	6010
Zinc (Zn)	120	520	260	83	<10	10	6010
DF	1	1	1	1	1		

* Mercury analyzed at ATL, 5/28/98. PRL = 0.10.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/16/98		06/16/98	06/16/98			
Analyte	EPA Method							
Antimony (Sb)	6010	90	70-130	56**	63	60-130	12	0-25
Arsenic (As)	6010	90	78-104	85	91	34-135	6.8	0-15
Barium (Ba)	6010	92	81-117	83	93	55-130	11	0-25
Beryllium (Be)	6010	91	70-130	86	90	70-130	4.5	0-25
Cadmium (Cd)	6010	85	75-104	80	84	73-115	4.9	0-15
Chromium (Cr)	6010	92	81-103	79	81	62-125	2.5	0-15
Cobalt (Co)	6010	88	70-130	80	85	70-130	6.1	0-25
Copper (Cu)	6010	98	70-130	53**	951**	70-140	179**	0-25
Lead (Pb)	6010	88	76-104	55	69	48-120	23	0-30
Mercury (Hg)	7471	99	76-121	102	100	70-135	2	0-30
Mercury (Hg)*	7471	88	76-121	106	104	70-135	2	0-30
Molybdenum (Mo)	6010	91	70-130	83	87	70-130	4.7	0-25
Nickel (Ni)	6010	87	70-130	74	81	70-130	9.0	0-25
Selenium (Se)	6010	89	79-102	80	87	42-120	8.4	0-16
Silver (Ag)	6010	90	77-107	88	92	53-116	4.4	0-19
Thallium (Tl)	6010	90	70-130	86	93	70-130	7.8	0-25
Vanadium (V)	6010	91	70-130	84	87	70-130	3.5	0-25
Zinc (Zn)	6010	97	70-130	36**	45**	70-130	22	0-25

* Mercury analyzed at ATL, 6/28/98.
** Sample matrix effect.

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PACE ANALYTICAL Project#:980521-03
PACE ANALYTICAL WO#: 13278a
Client ID#: BG001 SFW

Analyst: VN
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TF33-1-5	TF34-1-5	TF34-1-3	TF34-1-5	TF34-1-10	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/16/98	06/16/98	06/16/98	06/16/98	06/16/98	06/16/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	6.2	<5.0	6.2	<5.0	5.0	6010
Barium (Ba)	120	100	150	100	89	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	1.3	<0.5	0.8	<0.5	0.5	6010
Chromium (Cr)	28	35	45	38	50	<0.5	0.5	6010
Cobalt (Co)	7.7	7.5	10	5.3	6.2	<1.0	1.0	6010
Copper (Cu)	20	29	86	80	82	<2.5	2.5	6010
Lead (Pb)	38	52	78	180	150	<1.0	1.0	6010
Mercury (Hg)	0.15*	0.09	<0.05	0.35*		<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	26	28	36	28	94	<0.5	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	23	25	34	29	27	<0.5	0.5	6010
Zinc (Zn)	68	61	99	230	270	<10	10	6010
DF	1	1	1	1	1	1		

* Mercury analyzed at ATL, 5/28/98. PRL = 0.10.

REPORT OF LABORATORY ANALYSIS

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/16/98		06/16/98	06/16/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	96	70-130	68	67	60-130	29**	0-25
Arsenic (As)	6010	97	78-104	87	93	34-135	2.3	0-15
Barium (Ba)	6010	95	81-117	89	92	55-130	0	0-25
Beryllium (Be)	6010	96	70-130	88	89	70-130	0	0-25
Cadmium (Cd)	6010	89	75-104	82	84	73-115	1.2	0-15
Chromium (Cr)	6010	97	81-103	69	79	62-125	3.3	0-15
Cobalt (Co)	6010	93	70-130	82	83	70-130	2.5	0-25
Copper (Cu)	6010	99	70-130	93	87	70-140	1.1	0-25
Lead (Pb)	6010	93	76-104	81	82	48-120	3.7	0-30
Mercury (Hg)	7471	86	76-121	81	73	70-135	10	0-30
Mercury (Hg)*	7471	92	76-121	107	116	70-135	8	0-30
Molybdenum (Mo)	6010	97	70-130	86	87	70-130	5.1	0-25
Nickel (Ni)	6010	92	70-130	108	42**	70-130	6.3	0-25
Selenium (Se)	6010	97	79-102	97	96	42-120	1.2	0-16
Silver (Ag)	6010	94	77-107	85	85	53-115	2.4	0-19
Thallium (Tl)	6010	95	70-130	87	91	70-130	1.1	0-25
Vanadium (V)	6010	96	70-130	87	92	70-130	2.2	0-25
Zinc (Zn)	6010	101	70-130	81	82	70-130	3.6	0-25

** Sample matrix effect.

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Pace Analytical

PACE ANALYTICAL Project#:980521-03
PACE ANALYTICAL WO#: 13278a
Client ID# 8G001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	D55-S	D55-3.0	D54-S	D54-3.0	D67-S	D67-3.0	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98	05/23/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:								Acceptable Range:
a,a,a-Trifluorotoluene	102	111	109	110	109	112	93	59-134

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/23/98		05/23/98	05/23/98			
Analyte							
Benzene	103	74-116	104	100	72-115	3.9	0-26
Toluene	107	73-116	110	103	70-114	6.6	0-22
Ethylbenzene	109	75-118	114	105	68-119	8.2	0-24
Total Xylenes	110	78-120	116	105	74-117	10	0-22

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Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	Petroleum Hydrocarbon Profile	PRL mg/Kg	DF
Client ID:	Analysis Date					
Method Blank	05/29/98	<10	—	—	10	1
TF33-1-5	05/29/98	<10	—	—	10	1
TF34-1-S	05/29/98	<10	—	—	10	1
TF34-1-3	05/29/98	<10	—	—	10	1
TF34-1-5	05/29/98	<10	—	—	10	1
TF31-1-8	05/29/98	<10	—	—	10	1
TF30-1-S	05/29/98	80	C20-C40	*	10	1
TF30-1-3	05/29/98	<10	—	—	10	1
TF30-1-5	05/29/98	<10	—	—	10	1
TF36-1-S	05/29/98	<10	—	—	10	1
TF36-1-3	05/29/98	<10	—	—	10	1
TF35-1-S	05/29/98	<10	—	—	10	1
TF35-1-3	05/29/98	910	C20-C40	*	10	1
Method Blank	05/30/98	<10	—	—	10	1
D55-S	05/30/98	1200	C11-C40	oil	10	1
D55-3	05/30/98	60	C20-C40	oil	10	1
D54-S	05/30/98	<10	—	—	10	1
D54-3	05/30/98	<10	—	—	10	1
D57-S	05/30/98	<10	—	—	10	1
D57-3	05/30/98	<10	—	—	10	1
D70-S	05/30/98	<10	—	—	10	1
D70-3	05/30/98	<10	—	—	10	1
D67-S	05/30/98	70	C14-C40	oil	10	1
D67-3	05/30/98	<10	—	—	10	1
TF27-1-S	05/30/98	<10	—	—	10	1
TF27-1-3	05/30/98	<10	—	—	10	1
TF27-1-5	05/30/98	<10	—	—	10	1
TF29-1-S	05/30/98	50	C24-C40	*	10	1
TF29-1-3	05/30/98	<10	—	—	10	1
TF28-1-S	05/30/98	<10	—	—	10	1
TF28-1-3	05/30/98	<10	—	—	10	1
TF28-1-5	05/30/98	<10	—	—	10	1
TF32-1-S	05/30/98	<10	—	—	10	1
TF31-1-S	05/30/98	<10	—	—	10	1

* Degraded oil

REPORT OF LABORATORY ANALYSIS

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RC
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/29/98		05/29/98	05/29/98			
TPH-Speciation	105	80-120	105	107	70-130	1.9	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/29/98		05/29/98	05/29/98			
TPH-Speciation	82	80-120	84	84	70-130	0	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/30/98		05/30/98	05/30/98			
TPH-Speciation	83	80-120	93	88	70-130	5.5	0-30

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Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	Petroleum Hydrocarbon Profile	PRL mg/Kg	DF
Client ID:	Analysis Date					
Method Blank	06/03/98	<10	—	—	10	1
TF36-1-5	06/03/98	**	—	—	10	1
TF36-1-10	06/03/98	**	—	—	10	1
TF35-1-5	06/03/98	<10	—	—	10	1
TF29-1-5	06/03/98	<10	—	—	10	1
TF31-1-3	06/03/98	**	—	—	10	1
TF33-1-3	06/03/98	<10	—	—	10	1
TF33-1-S	06/03/98	<10	—	—	10	1

** Not enough sample.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/03/98		06/03/98	06/03/98			
TPH-Speciation	95	80-120	88	94	70-130	6.6	0-30

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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980521-05 423309

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1370 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SFW		*Requested Due Date:

Sampler Signature: CHRIS MERRITT Date Sampled: 5/20/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	TPH-5	8020	8260	8270	8080 PCB	CAM 17	REMARKS
1	D55-S	0751	Soil		1						X	X		X		X	
2	D55-3.0	0800			1						X	X		X		X	
3	D54-S	0831			1						X	X		X		X	
4	D54-3.0	0839			1						X	X		X		X	
5	D57-S	0936			1						X		X		X	X	
6	D57-3.0	0944			1						X		X		X	X	
7	D70-S	1052			1						X		X			X	
8	D70-3.0	1105			1						X		X			X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/20/98	1530	CALIFORNIA OVERNITE	5/20/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

5865 21-05 42331U

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510-785-1111	P.O. # / Billing Reference: 86001. SFW.		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SFW		*Requested Due Date:
Sampler Signature: CHRIS MERRITT	Date Sampled: 5/20/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020	8260	8270	8080 PCB	CAM 17	REMARKS
1	D67-2.5	1201	SOIL								X	X		X	X		
2	D67-3.0	1211	SOIL								X	X		X	X		
3																	
4																	
5																	
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/20/98	1530	CALIFORNIA OVERNIGHT	5/20/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave	Bill To: —		Pace Project Manager
Hayward, CA 94545	P.O. # / Billing Reference: 575-8600		Pace Project No
Phone: (510) 785-1111	Project Name / No.: West Affiliated		*Requested Due Date:

Sampled By (PRINT): Scott Bono

Sampler Signature: [signature] Date Sampled: 5/20/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: LUFT Metals	TPH-5	BTEX	8260	8270	8080	REMARKS
1	TF28-1-10	1310	S												NO		Archive
2	TF27-1-5	1330															
3	TF27-1-3	1335															
4	TF27-1-5	1340															RUSH
5	TF27-1-10	1345															Archive
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] PSI	5/20/98	1700		5/21/98	1700

SAMPLE CONDITION

Temp: ___ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Post	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8602		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date:
Sampler Signature:	Date Sampled: 5/20/08		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: LUFT metals	TPH-5	BTEX	8260	8270	8015	REMARKS
1	TF30-1-10	1215	S														Archive
2	TF29-1-5	1235									X	X	X	X	X		
3	TF29-1-3	1240									↓	↓	↓	↓	↓		
4	TF29-1-5	1245									↓	↓	↓	↓	↓		RUSH
5	TF29-1-10	1250															Archive
6	TF28-1-5	1255									X	X	X	X			
7	TF28-1-3	1300									↓	↓	↓	↓			
8	TF28-1-5	1305									↓	↓	↓	↓			RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	RST	5/21/08	1700		5/22/08	0800

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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ace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No.
Sampled By (PRINT): Scott Bonds	Project Name / No.: West Approach		*Requested Due Date:

Sampler Signature: [signature] Date Sampled: 5/20/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CLE metals	TPH-D	BTEX	8260	8270	8080	REMARKS
1	TF32-1-S	1030	S								X	X	X	X			
2	TF31-1-S	1045									X	X	X	X	X		
3	TF31-1-3	1055									↓	↓	↓	↓	↓		
4	TF31-1-8	1100									↓	↓	↓	↓	↓		RUSH
5	TF31-1-10	1105															Archive
6	TF30-1-S	1200									X	X	X	X			
7	TF30-1-3	1205									↓	↓	↓	↓			
8	TF30-1-5	1210	↓								↓	↓	↓	↓			RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] PSI	5/20/98	1700		5/20/98	1700

Additional Comments:

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8666		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date:
Sampler Signature:	Date Sampled: 5/20/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: SCP metals (TPH-5, BTEX, 8260, 6270, 8080)	REMARKS
1	TF36-1-5	850	S								X X X X	RUSH
2	TF36-1-3	835									X X X X	
3	TF36-1-5	840									X X X X	
4	TF36-1-16	845									X X X X	
5	TF36-1-14	850										
6	TF35-1-5	905									X X X X X	
7	TF35-1-3	910									X X X X X	
8	TF35-1-5	915	↓								X X X X X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/20/98	1700		5/20/98	1700

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Y80521-03 423389

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8G001		Pace Project No.
	Project Name / No.: West Approach		*Requested Due Date:

Sampled By (PRINT): Scott Bowes

Sampler Signature:

Date Sampled: 5/20/08

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	CCR Metals	TPH-D	BTEX 8260	8270 8082	REMARKS
1	TF33-1-S	925	S								X	X	X	X	
2	TF33-1-3	930													
3	TF33-1-5	935													Rush
4	TF33-1-10	940													Archive
5	TF34-1-S	950										NO	X	X	
6	TF34-1-3	955													
7	TF34-1-5	1000													Rush
8	TF34-1-10	1005	↓												Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← / PSI	5/21/08	1700		5/21/08	1700

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8-97

Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

June 04, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021891
Client Project ID: 980521-03

Dear :

Enclosed are the results of analyses for sample(s) received on May 22, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892045 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF36-1-10 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/29/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/29/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/29/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/29/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/29/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.62	05/29/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/29/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/29/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/29/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/29/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/29/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/29/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/29/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/29/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/29/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/29/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/29/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/29/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/29/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/29/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/29/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/29/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/29/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/29/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/29/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.36	05/29/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/29/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/29/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/29/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/29/98	CHL	108-86-1		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892045 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF36-1-10 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/29/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/29/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/29/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/29/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/29/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/29/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/29/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/29/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/29/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/29/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/29/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/29/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/29/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/29/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/29/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/29/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/29/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/29/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/29/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/29/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/29/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/29/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/29/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/29/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/29/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/29/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/29/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/29/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/29/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/29/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/29/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/29/98	CHL	994-05-8		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892045 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF36-1-10 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/29/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/29/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/29/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/29/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/29/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/29/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/29/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/29/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/29/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/29/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	103	%		1.82	05/29/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	76	%		1.01	05/29/98	CHL	460-00-4		
Dibromofluoromethane (S)	105	%		1.81	05/29/98	CHL	1868-53-7		
Toluene-d8 (S)	100	%		1.48	05/29/98	CHL	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892045 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID.: TP36-1-10 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/03/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/03/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/03/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/03/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/03/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/03/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/03/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/03/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/03/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/03/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/03/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/03/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/03/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/03/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/03/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/03/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/03/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.66	06/03/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/03/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/03/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	06/03/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/03/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/03/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/03/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/03/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/03/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/03/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/03/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/03/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/03/98	WAW	120-12-7		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892045 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF36-1-10 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/03/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/03/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/03/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/03/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/03/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/03/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/03/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/03/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/03/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/03/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/03/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/03/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/03/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/03/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/03/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/03/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/03/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/03/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	16.323	06/03/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	16.701	06/03/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/03/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/03/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/03/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/03/98	WAW	77 47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/03/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/03/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/03/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/03/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/03/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/03/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/03/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/03/98	WAW	87-86-5		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892045 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF36-1-10 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/03/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/03/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/03/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	85	%			06/03/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	78	%			06/03/98	WAW	321-60-8		
2-Fluorophenol (S)	87	%			06/03/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	69	%			06/03/98	WAW	4165-60-0		
Phenol-d6 (S)	73	%			06/03/98	WAW	13127-88-3		
Terphenyl-d14 (S)	60	%			06/03/98	WAW	1718-51-0		
Date Extracted	05/27/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892052 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF33-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/27/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/27/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/27/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/27/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/27/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/27/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/27/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/27/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/27/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/27/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/27/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/27/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/27/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/27/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/27/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/27/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/27/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/27/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/27/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/27/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/27/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/27/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/27/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/27/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/27/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/27/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/27/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/27/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/27/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/27/98	CHL	108-86-1		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892052 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF33-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/27/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/27/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/27/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/27/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/27/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/27/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/27/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/27/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/27/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/27/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/27/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/27/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/27/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/27/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/27/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/27/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/27/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/27/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/27/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/27/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/27/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/27/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/27/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/27/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/27/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/27/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/27/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/27/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/27/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/27/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/27/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/27/98	CHL	994-05-8		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892052 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF33-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/27/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/27/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/27/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/27/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/27/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/27/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/27/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/27/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/27/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/27/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	95	%		1.82	05/27/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	79	%		1.01	05/27/98	CHL	460-00-4		
Dibromofluoromethane (S)	100	%		1.81	05/27/98	CHL	1868-53-7		
Toluene-d8 (S)	106	%		1.48	05/27/98	CHL	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892052 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TP33-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/02/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/02/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/02/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	06/02/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/02/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/02/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	06/02/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/02/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/02/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/02/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/02/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/02/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/02/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/02/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/02/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/02/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/02/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/02/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/02/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/02/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/02/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/02/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/02/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/02/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/02/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/02/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/02/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/02/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/02/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/02/98	WAW	120-12-7		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892052 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF33-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/02/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/02/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/02/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/02/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/02/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/02/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/02/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/02/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/02/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/02/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/02/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/02/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.09	06/02/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	06/02/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/02/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/02/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	06/02/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/02/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/02/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/02/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/02/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/02/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/02/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	06/02/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/02/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/02/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/02/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/02/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/02/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	06/02/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/02/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/02/98	WAW	87-86-5		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892052 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF33-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	06/02/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.62	06/02/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/02/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	83	%			06/02/98	WAW	118-79-6		
2 Fluorobiphenyl (S)	84	%			06/02/98	WAW	321-60-8		
2-Fluorophenol (S)	88	%			06/02/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	80	%			06/02/98	WAW	4165-60-0		
Phenol-d6 (S)	77	%			06/02/98	WAW	13127-88-3		
Terphenyl-d14 (S)	92	%			06/02/98	WAW	1718-51-0		
Date Extracted	05/28/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 6018920B0 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF31-1-B Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/28/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/28/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/28/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/28/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/28/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/28/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.61	05/28/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/28/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/28/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/28/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/28/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/28/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/28/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/28/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.61	05/28/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/28/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/28/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/28/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/28/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/28/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/28/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/28/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/28/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/28/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/28/98	CHL	591 78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/28/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/28/98	CHL	108-10-1		U
Acetone	20	ug/kg	20	4.34	05/28/98	CHL	67-64-1	1	B
Benzene	ND	ug/kg	5	0.69	05/28/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/28/98	CHL	108 86-1		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892060 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TP31-1-8 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/28/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/28/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/28/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/28/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/28/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/28/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/28/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/28/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/28/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/28/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/28/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/28/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/28/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/28/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/28/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/28/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/28/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/28/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/28/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/28/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/28/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/28/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/28/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/28/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/28/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/28/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/28/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/28/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/28/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/28/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/28/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/28/98	CHL	994-05-8		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892060 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF31-1-8 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/28/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/28/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/28/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/28/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/28/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/28/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/28/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/28/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/28/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/28/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	106	%		1.82	05/28/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	80	%		1.01	05/28/98	CHL	460-00-4		
Dibromofluoromethane (S)	105	%		1.81	05/28/98	CHL	1868-53-7		
Toluene-d8 (S)	104	%		1.48	05/28/98	CHL	2037-26-5		

Total EPA 8260 20

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892060 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF31-1-8 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/02/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/02/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/02/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.860	06/02/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/02/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/02/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/02/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/02/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/02/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/02/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/02/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/02/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/02/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/02/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/02/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/02/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/02/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/02/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/02/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/02/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	06/02/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/02/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/02/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/02/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/02/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/02/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/02/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/02/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/02/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/02/98	WAW	120-12-7		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892060 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF31-1-8 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/02/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/02/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/02/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/02/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/02/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/02/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/02/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/02/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/02/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/02/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/02/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/02/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/02/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/02/98	WAW	84-74-2		U
Di n-octylphthalate	ND	ug/kg	660	15.701	06/02/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/02/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/02/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/02/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/02/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/02/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/02/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/02/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/02/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/02/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/02/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/02/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/02/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/02/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/02/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/02/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/02/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/02/98	WAW	87-86-5		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892060 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF31-1-8 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/02/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/02/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/02/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	95	%			06/02/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	80	%			06/02/98	WAW	321-60-8		
2-Fluorophenol (S)	89	%			06/02/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	78	%			06/02/98	WAW	4165-60-0		
Phenol-d6 (S)	76	%			06/02/98	WAW	13127-88-3		
Terphenyl-d14 (S)	87	%			06/02/98	WAW	1718-51-0		
Date Extracted	05/28/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892078 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF29-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/28/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/28/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/28/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/28/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/28/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/28/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/28/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/28/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/28/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/28/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/28/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/28/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/28/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/28/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/28/98	CHL	107-06-2		U
1,2 Dichloropropane	ND	ug/kg	5	0.7	05/28/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/28/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/28/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.6	05/28/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/28/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/28/98	CHL	594-20-7		U
2 Butanone	ND	ug/kg	10	2.72	05/28/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/28/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/28/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.66	05/28/98	CHL	591-78-6		U
4 Chlorotoluene	ND	ug/kg	5	0.35	05/28/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/28/98	CHL	108-10-1		U
Acetone	26	ug/kg	20	4.34	05/28/98	CHL	67-64-1	1	B
Benzene	ND	ug/kg	5	0.69	05/28/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/28/98	CHL	108-86-1		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892078 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF29-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/28/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/28/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/28/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/28/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/28/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/28/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/28/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/28/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.46	05/28/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/28/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/28/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/28/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/28/98	CHL	124 48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/28/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/28/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/28/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/28/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/28/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/28/98	CHL	100 41 4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/28/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/28/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/28/98	CHL			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/28/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/28/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/28/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/28/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/28/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/28/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/28/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0 67	05/28/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/28/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/28/98	CHL	994-05-8		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892078 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF29-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/28/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/28/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/28/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/28/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/28/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/28/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/28/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/28/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/28/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/28/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	100	%		1.82	05/28/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	76	%		1.01	05/28/98	CHL	460-00-4		
Dibromofluoromethane (S)	102	%		1.81	05/28/98	CHL	1868-53-7		
Toluene-d8 (S)	103	%		1.48	05/28/98	CHL	2037-26-5		

Total EPA 8260 **26**

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892076 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF29-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/02/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/02/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/02/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	06/02/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/02/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/02/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	06/02/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/02/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/02/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/02/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/02/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/02/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/02/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/02/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/02/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/02/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/02/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.00	06/02/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/02/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/02/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/02/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/02/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/02/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/02/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/02/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/02/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/02/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/02/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/02/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/02/98	WAW	120-12-7		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892078 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF29-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	16.22	06/02/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/02/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/02/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/02/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/02/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/02/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/02/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/02/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/02/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/02/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/02/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/02/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	06/02/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	06/02/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/02/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.48	06/02/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	06/02/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/02/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	16.4	06/02/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/02/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/02/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/02/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/02/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.06	06/02/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	20.7	06/02/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/02/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/02/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/02/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/02/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	06/02/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/02/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/02/98	WAW	87-86-5		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892078 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID.: TF29-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	06/02/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	19.62	06/02/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/02/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	102	%			06/02/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	82	%			06/02/98	WAW	321-60-8		
2-Fluorophenol (S)	93	%			06/02/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	80	%			06/02/98	WAW	4165-60-0		
Phenol-d6 (S)	91	%			06/02/98	WAW	13127-88-3		
Terphenyl-d14 (S)	89	%			06/02/98	WAW	1718-51-0		
Date Extracted	05/28/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892391 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF30-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/28/98	CHL	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/28/98	CHL	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/28/98	CHL	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/28/98	CHL	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/28/98	CHL	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/28/98	CHL	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/28/98	CHL	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/28/98	CHL	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/28/98	CHL	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/28/98	CHL	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.46	05/28/98	CHL	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/28/98	CHL	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/28/98	CHL	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/28/98	CHL	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/28/98	CHL	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/28/98	CHL	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/28/98	CHL	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/28/98	CHL	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/28/98	CHL	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/28/98	CHL	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/28/98	CHL	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/28/98	CHL	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/28/98	CHL	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/28/98	CHL	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/28/98	CHL	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/28/98	CHL	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/28/98	CHL	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/28/98	CHL	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/28/98	CHL	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/28/98	CHL	108-86-1		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892391 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF30-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/28/98	CHL	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/28/98	CHL	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/28/98	CHL	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/28/98	CHL	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/28/98	CHL	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/28/98	CHL	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/28/98	CHL	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/28/98	CHL	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/28/98	CHL	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/28/98	CHL	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/28/98	CHL	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/28/98	CHL	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/28/98	CHL	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/28/98	CHL	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/28/98	CHL	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/28/98	CHL	108-20-3		U
Ethanol	ND	ug/kg	500		05/28/98	CHL	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/28/98	CHL	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/28/98	CHL	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/28/98	CHL	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/28/98	CHL	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/28/98	CHL			U
Methyl tert-butyl Ether	ND	ug/kg	5		05/28/98	CHL	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/28/98	CHL	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/28/98	CHL	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/28/98	CHL	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/28/98	CHL	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/28/98	CHL	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/28/98	CHL	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/28/98	CHL	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/28/98	CHL	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/28/98	CHL	994-05-8		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No: 601892391 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF30-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/28/98	CHL	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/28/98	CHL	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/28/98	CHL	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/28/98	CHL	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/28/98	CHL	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/28/98	CHL	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/28/98	CHL	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/28/98	CHL	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/28/98	CHL	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/28/98	CHL	75-01-4		U
1,2-Dichloroethane-d4 (S)	105	%		1.82	05/28/98	CHL	17060-07-0		
4-Bromofluorobenzene (S)	82	%		1.01	05/28/98	CHL	460-00-4		
Dibromofluoromethane (S)	107	%		1.81	05/28/98	CHL	1868-53-7		
Toluene-d8 (S)	109	%		1.48	05/28/98	CHL	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892391 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF30-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/02/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/02/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/02/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/02/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/02/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/02/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/02/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/02/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/02/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.193	06/02/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/02/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.159	06/02/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/02/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/02/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/02/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/02/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.990	06/02/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/02/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/02/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/02/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	06/02/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/02/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/02/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/02/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/02/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/02/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/02/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/02/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/02/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/02/98	WAW	120-12-7		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892391 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF30-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/02/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/02/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/02/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/02/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/02/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/02/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/02/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/02/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/02/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/02/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/02/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/02/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/02/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/02/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/02/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/02/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/02/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/02/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/02/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/02/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/02/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.080	06/02/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/02/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/02/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/02/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/02/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/02/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/02/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/02/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/02/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/02/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/02/98	WAW	87-86-5		U

Pace Project Number: 6021891
Client Project ID: 980521-03

Pace Sample No.: 601892391 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF30-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/02/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/02/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/02/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	100	%			06/02/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	85	%			06/02/98	WAW	321-60-8		
2-Fluorophenol (S)	92	%			06/02/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	80	%			06/02/98	WAW	4165-60-0		
Phenol-d6 (S)	78	%			06/02/98	WAW	13127-88-3		
Terphenyl-d14 (S)	88	%			06/02/98	WAW	1718-51-0		
Date Extracted	05/28/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021891
Client Project ID: 980521-03

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected
[1]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).

Advanced Technology Laboratories

May 29, 1998

ELAP No . 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: 980521-03
Lab No.. 26281-001/008

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 980521-03

Date Received: 05/26/98
Date Sampled: NA

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
26281-001	TF27-1-5	EPA 7471 (Mercury)	05/28/98	0.15	Soil, mg/kg	0.10	0.10	DJ
26281-002	TF29-1-5	EPA 7471 (Mercury)	05/28/98	0.58	Soil, mg/kg	0.10	0.10	DJ
26281-003	TF28-1-5	EPA 7471 (Mercury)	05/28/98	0.11	Soil, mg/kg	0.10	0.10	DJ
26281-004	TF31-1-8	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26281-005	TF30-1-5	EPA 7471 (Mercury)	05/28/98	0.26	Soil, mg/kg	0.10	0.10	DJ
26281-006	TF36-1-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26281-007	TF33-1-5	EPA 7471 (Mercury)	05/28/98	0.15	Soil, mg/kg	0.10	0.10	DJ
26281-008	TF34-1-5	EPA 7471 (Mercury)	05/28/98	0.35	Soil, mg/kg	0.10	0.10	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: _____
Cheryl De Los Reyes
Department Supervisor

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report

Method: EPA7471
Analyst: CDR DJ
Data File: 80528-1
QA File: 8149-1

Date Analyzed: 05-28-98
Date Digested: 05-28-98
Sample ID: see below
Matrix: SOIL/SOLID
QC Batch Number: HG980528S-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
26278-002	mg/kg	0.50	0.53	106	ND	ND	ND	0	0.83	1.00	0.96	120	116	63-139	4	30	0.10
26280-004	mg/kg	0.50	0.44	88	ND	ND	ND	0	0.83	0.88	0.86	106	104	63-139	2	30	0.10
26279-006	mg/kg	0.50	0.46	92	ND	ND	ND	0	0.83	0.89	0.96	107	116	63-139	8	30	0.10
26281-007	mg/kg	0.50	0.55	110	ND	ND	ND	0	0.83	1.00	1.00	120	120	63-139	0	30	0.10

Approved by: Cheryl De Los Reyes
Inorganics Supervisor

Date: 5/29/98

Advanced Technology Laboratories

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 980521-03

Date Received: 05/26/98
Date Sampled: NA

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
26281-001	TF27-1-5	EPA 7471 (Mercury)	05/28/98	0.15	Soil, mg/kg	0.10	0.10	DJ
26281-002	TF29-1-5	EPA 7471 (Mercury)	05/28/98	0.58	Soil, mg/kg	0.10	0.10	DJ
26281-003	TF28-1-5	EPA 7471 (Mercury)	05/28/98	0.11	Soil, mg/kg	0.10	0.10	DJ
26281-004	TF31-1-8	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26281-005	TF30-1-5	EPA 7471 (Mercury)	05/28/98	0.26	Soil, mg/kg	0.10	0.10	DJ
26281-006	TF36-1-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26281-007	TF33-1-5	EPA 7471 (Mercury)	05/28/98	0.15	Soil, mg/kg	0.10	0.10	DJ
26281-008	TF34-1-5	EPA 7471 (Mercury)	05/28/98	0.035	Soil, mg/kg	0.10	0.10	DJ
				0.36				

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: _____

Cheryl De Los Reyes
Department Supervisor

The cover letter is an integral part of this analytical report

Face Analytical

1 OF 1

423666

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Face Analytical	Report To: Richard V.	Turn around Time: ☐ 24 Hours ☒ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 3970 Gilman St. Long Beach, CA 90815	Bill To:		Pace Project Manager
Phone: 498-2515	P.O. # / Billing Reference		Pace Project No. 980521-05
Sampled By (PRINT):	Project Name / No.		*Requested Due Date:
Sampler Signature	Date Sampled		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST	REMARKS
1	TF27-1-5		Soil								X	
2	TF29-1-5										X	
3	TF*28-1-5										X	
4	TF31-1-8										X	
5	TF30-1-5										X	
6	TF36-1-10										X	
7	TF33-1-5										X	
8	TF34-1-5										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	[illegible]	5/21/98		[illegible] /ATL	5-26-98	1450

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Advanced Technology Laboratories

May 29, 1998

ELAP No : 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: 980521-03
Lab No.: 26281-001/008

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

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Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 980521-03

Date Received: 05/26/98
Date Sampled: NA

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix Units	MDL	DLR	Analyst
26281-001	TF27-1-5	EPA 7471 (Mercury)	05/28/98	0.15	Soil, mg/kg	0.10	0.10	DJ
26281-002	TF29-1-5	EPA 7471 (Mercury)	05/28/98	0.58	Soil, mg/kg	0.10	0.10	DJ
26281-003	TF28-1-5	EPA 7471 (Mercury)	05/28/98	0.11	Soil, mg/kg	0.10	0.10	DJ
26281-004	TF31-1-8	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26281-005	TF30-1-5	EPA 7471 (Mercury)	05/28/98	0.26	Soil, mg/kg	0.10	0.10	DJ
26281-006	TF36-1-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26281-007	TF33-1-5	EPA 7471 (Mercury)	05/28/98	0.15	Soil, mg/kg	0.10	0.10	DJ
26281-008	TF34-1-5	EPA 7471 (Mercury)	05/28/98	0.35	Soil, mg/kg	0.10	0.10	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: 6/09/98
Cheryl De Los Reyes
Department Supervisor

The cover letter is an integral part of this analytical report

Spike Recovery and RPD Summary Report

Method: EPA7471
Analyst: CDR/DJ
Data File: 80528-1
QA File: 8149-1

Date Analyzed: 05-28-98
Date Digested: 05-28-98
Sample ID: see below
Matrix: SOIL/SOLID
QC Batch Number: HG980528S-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
26278-002	mg/kg	0.50	0.53	106	ND	ND	ND	0	0.83	1.00	0.96	120	116	63-139	4	30	0.10
26280-004	mg/kg	0.50	0.44	88	ND	ND	ND	0	0.83	0.88	0.86	106	104	63-139	2	30	0.10
26279-006	mg/kg	0.50	0.46	92	ND	ND	ND	0	0.83	0.89	0.96	107	116	63-139	8	30	0.10
26281-007	mg/kg	0.50	0.55	110	ND	ND	ND	0	0.83	1.00	1.00	120	120	63-139	0	30	0.10

Approved by: _____
Cheryl De Los Reyes
Inorganics Supervisor

Date: 5/29/98

Advanced Technology Laboratories

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 980521-03

Date Received: 05/26/98
Date Sampled: NA

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
26281-001	TF27-1-5	EPA 7471 (Mercury)	05/28/98	0.15	Soil, mg/kg	0.10	0.10	DJ
26281-002	TF29-1-5	EPA 7471 (Mercury)	05/28/98	0.58	Soil, mg/kg	0.10	0.10	DJ
26281-003	TF28-1-5	EPA 7471 (Mercury)	05/28/98	0.11	Soil, mg/kg	0.10	0.10	DJ
26281-004	TF31-1-8	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26281-005	TF30-1-5	EPA 7471 (Mercury)	05/28/98	0.26	Soil, mg/kg	0.10	0.10	DJ
26281-006	TF36-1-10	EPA 7471 (Mercury)	05/28/98	ND	Soil, mg/kg	0.10	0.10	DJ
26281-007	TF33-1-5	EPA 7471 (Mercury)	05/28/98	0.15	Soil, mg/kg	0.10	0.10	DJ
26281-008	TF34-1-5	EPA 7471 (Mercury)	05/28/98	0.035	Soil, mg/kg	0.10	0.10	DJ
				0.35				

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: _____
Cheryl De Los Reyes
Department Supervisor

The cover letter is an integral part of this analytical report

Pace Analytical

1 OF 1

423666

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace Analytical	Report To: Richard V.	Turn around Time: ☐ 24 Hours ☒ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 3970 Gilman St. Long Beach, CA 90815	Bill To:		Pace Project Manager:
Phone: 498-9515	P.O. # / Billing Reference		Pace Project No: 980521-03
Sampled By (PRINT):	Project Name / No.		*Requested Due Date:
Sampler Signature	Date Sampled		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Hg	REMARKS
1	TF27-1-5		Soil								X	
2	TF29-1-5										X	
3	TF#28-1-5										X	
4	TF31-1-8										X	
5	TF30-1-5										X	
6	TF36-1-10										X	
7	TF33-1-5										X	
8	TF34-1-5										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature]	5/26/98		Diane Larson/PAL	5-26-98	1450

Additional Comments:

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Pace Analytical Services, Inc.
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Fax: 612-617-6444

June 4, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107557
Client Project ID: 980521-03/13278A

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

DATE: 06/10/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Attn: Mr.RichardVillafania
Phone: (562)498-9515

Pace Sample No.: 10650612 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF33-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	ug/kg	0.11	*	05/27/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	0.11	*	05/27/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	0.11	*	05/27/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	0.11	*	05/27/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	0.11	*	05/27/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	0.11	*	05/27/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	0.11	*	05/27/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	109	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	101	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/26/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650620 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-5 Date Received: 05/22/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650620 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	ND	ug/kg	20	*	05/27/98	SAC	67-64-1		U
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650620
Client Sample ID: TF34-1-5

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	trace	ug/kg	5	*	05/27/98	SAC	75-09-2	1,2,3	JB
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107557
Client Project ID: 980521-03 / 1327BA

Pace Sample No.: 10650620 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	114	%		*	05/27/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	100	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650620 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	470	*	05/27/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	470	*	05/27/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	470	*	05/27/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	470	*	05/27/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	470	*	05/27/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	470	*	05/27/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	470	*	05/27/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	470	*	05/27/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	2300	*	05/27/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	470	*	05/27/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	470	*	05/27/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	470	*	05/27/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	470	*	05/27/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	470	*	05/27/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	470	*	05/27/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	2300	*	05/27/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	470	*	05/27/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	950	*	05/27/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	2300	*	05/27/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	2300	*	05/27/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	470	*	05/27/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	950	*	05/27/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650820 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	950	*	05/27/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	470	*	05/27/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	470	*	05/27/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	2300	*	05/27/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	2300	*	05/27/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	470	*	05/27/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	470	*	05/27/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	470	*	05/27/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	470	*	05/27/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	470	*	05/27/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	470	*	05/27/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	470	*	05/27/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	470	*	05/27/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	2300	*	05/27/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	950	*	05/27/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	470	*	05/27/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	470	*	05/27/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	470	*	05/27/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	470	*	05/27/98	SAC	117-81-7	1,3	JB
Butylbenzylphthalate	ND	ug/kg	470	*	05/27/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	470	*	05/27/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	470	*	05/27/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	470	*	05/27/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	470	*	05/27/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650820
Client Sample ID: TF34-1-5

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	470	*	05/27/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	470	*	05/27/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	470	*	05/27/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	470	*	05/27/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	470	*	05/27/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	470	*	05/27/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	470	*	05/27/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	470	*	05/27/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	470	*	05/27/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	470	*	05/27/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	470	*	05/27/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	470	*	05/27/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	470	*	05/27/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	470	*	05/27/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	470	*	05/27/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	2300	*	05/27/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	470	*	05/27/98	SAC	85-01-8		U
Phenol	ND	ug/kg	470	*	05/27/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	470	*	05/27/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	70	%		*	05/27/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	80	%		*	05/27/98	SAC	321-60-8		
Nitrobenzene-d5 (S)	56	%		*	05/27/98	SAC	4165-60-0		
Phenol-d6 (S)	55	%		*	05/27/98	SAC	13127-88-3		
Terphenyl-d14 (S)	78	%		*	05/27/98	SAC	1718-51-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650620 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Date Extracted	05/26/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650638 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF31-1-8 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	ug/kg	0.12	*	05/27/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	0.12	*	05/27/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	0.12	*	05/27/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	0.12	*	05/27/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	0.12	*	05/27/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	0.12	*	05/27/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	0.12	*	05/27/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	100	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	101	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/26/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650646 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF29-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	ug/kg	0.15	*	05/27/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	0.15	*	05/27/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	0.15	*	05/27/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	0.15	*	05/27/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	0.15	*	05/27/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	0.15	*	05/27/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	0.15	*	05/27/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	99	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	105	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/26/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650653 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TP28-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650853 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF28-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/27/98	SAC	67-64-1	3	J
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650653 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF28-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	trace	ug/kg	5	*	05/27/98	SAC	75-09-2	1,2,3	JB
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650853 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF28-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	118	%		*	05/27/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650653 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF28-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	05/27/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	05/27/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	05/27/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	05/27/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	05/27/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	05/27/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	05/27/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	05/27/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	05/27/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	05/27/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	05/27/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	05/27/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	05/27/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	05/27/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	05/27/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	05/27/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	05/27/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	05/27/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	05/27/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	05/27/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	05/27/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	05/27/98	SAC	59-50-7		U

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10850653 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF28-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	05/27/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	05/27/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	05/27/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	05/27/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	05/27/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	05/27/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	05/27/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	05/27/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	05/27/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	05/27/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	05/27/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	05/27/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	05/27/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	05/27/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	05/27/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	05/27/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	05/27/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	05/27/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	*	05/27/98	SAC	117-81-7	1,3	JB
Butylbenzylphthalate	ND	ug/kg	330	*	05/27/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	05/27/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	05/27/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	05/27/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	05/27/98	SAC	53-70-3		U

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650853 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF28-1-S Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	05/27/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	05/27/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	05/27/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	05/27/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	05/27/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	05/27/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	05/27/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	05/27/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	05/27/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	05/27/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	05/27/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	05/27/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	05/27/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	05/27/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	05/27/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	05/27/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	05/27/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	05/27/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	05/27/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	74	%		*	05/27/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	83	%		*	05/27/98	SAC	321-60-8		
Nitrobenzene-d5 (S)	63	%		*	05/27/98	SAC	4165-60-0		
Phenol-d6 (S)	60	%		*	05/27/98	SAC	13127-88-3		
Terphenyl-d14 (S)	79	%		*	05/27/98	SAC	1718-51-0		

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650653 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF28-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Date Extracted	05/26/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650661 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF27-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	ug/kg	0.14	*	05/27/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	0.14	*	05/27/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	0.14	*	05/27/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	0.14	*	05/27/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	0.14	*	05/27/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	0.14	*	05/27/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	0.14	*	05/27/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	100	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	100	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/26/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107567
Client Project ID: 980621-03 / 13278A

Pace Sample No.: 10650661 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF27-1-5 Date Received: 05/22/98

GC/MS – VOA

Volatile Organics Method: EPA 8260 Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10850861 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF27-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/27/98	SAC	67-64-1	3	J
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650661 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF27-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10850661 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF27-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	116	%		*	05/27/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650661 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF27-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	470	*	05/27/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	470	*	05/27/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	470	*	05/27/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	470	*	05/27/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	470	*	05/27/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	470	*	05/27/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	470	*	05/27/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	470	*	05/27/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	2300	*	05/27/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	470	*	05/27/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	470	*	05/27/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	470	*	05/27/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	470	*	05/27/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	470	*	05/27/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	470	*	05/27/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	2300	*	05/27/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	470	*	05/27/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	940	*	05/27/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	2300	*	05/27/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	2300	*	05/27/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	470	*	05/27/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	940	*	05/27/98	SAC	59-50-7		U

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10850661 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF27-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	940	*	05/27/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	470	*	05/27/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	470	*	05/27/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	2300	*	05/27/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	2300	*	05/27/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	470	*	05/27/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	470	*	05/27/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	470	*	05/27/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	470	*	05/27/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	470	*	05/27/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	470	*	05/27/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	470	*	05/27/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	470	*	05/27/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	2300	*	05/27/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	940	*	05/27/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	470	*	05/27/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	470	*	05/27/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	470	*	05/27/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	470	*	05/27/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	470	*	05/27/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	470	*	05/27/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	470	*	05/27/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	470	*	05/27/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	470	*	05/27/98	SAC	53-70-3		U

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650661 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF27-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	470	*	05/27/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	470	*	05/27/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	470	*	05/27/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	470	*	05/27/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	470	*	05/27/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	470	*	05/27/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	470	*	05/27/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	470	*	05/27/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	470	*	05/27/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	470	*	05/27/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	470	*	05/27/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	470	*	05/27/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	470	*	05/27/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	470	*	05/27/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	470	*	05/27/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	2300	*	05/27/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	470	*	05/27/98	SAC	85-01-8		U
Phenol	ND	ug/kg	470	*	05/27/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	470	*	05/27/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	22	%		*	05/27/98	SAC	118-79-6	4	
2-Fluorobiphenyl (S)	32	%		*	05/27/98	SAC	321-60-8	4	
Nitrobenzene-d5 (S)	21	%		*	05/27/98	SAC	4165-60-0	4	
Phenol-d6 (S)	21	%		*	05/27/98	SAC	13127-88-3	4	
Terphenyl-d14 (S)	31	%		*	05/27/98	SAC	1718-51-0	4	

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107557
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650661 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF27-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Date Extracted	05/26/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107557
Client Project ID: 980521-03 / 13278

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
[2]	Common laboratory contaminant.
[3]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[4]	The surrogate and/or spike recovery was outside acceptance limits.

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June 4, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107558
Client Project ID: 980521-03/13278A

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

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Pace Analytical

DATE: 06/10/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Attn: Mr.RichardVillafania
Phone: (562)498-9515

Pace Sample No.: 10650695
Client Sample ID: TF33-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080				Prep Method: EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	*	06/02/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	*	06/02/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/02/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/02/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/02/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/02/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	*	06/02/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	103	%		*	06/02/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	100	%		*	06/02/98	SAC	877-09-8		
Date Extracted	05/29/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650703 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF33-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.15	*	06/02/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.15	*	06/02/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.15	*	06/02/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.15	*	06/02/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.15	*	06/02/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.15	*	06/02/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.15	*	06/02/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	139	%		*	06/02/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	96	%		*	06/02/98	SAC	877-09-8		
Date Extracted	05/29/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107556
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650703 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF33-1-3 Date Received: 05/22/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650703 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TP33-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/03/98	TAW	67-64-1	1	J
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650703
Client Sample ID: TF33-1-3

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/03/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/03/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/03/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/03/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/03/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/03/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/03/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/03/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/03/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/03/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/03/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/03/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/03/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/03/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/03/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/03/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-69-4		U

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Pace Analytical

Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650703 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF33-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/03/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/03/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	06/03/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/03/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/03/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650703 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF33-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	490	*	06/02/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	490	*	06/02/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	490	*	06/02/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	490	*	06/02/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	490	*	06/02/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	490	*	06/02/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	490	*	06/02/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	490	*	06/02/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	2400	*	06/02/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	490	*	06/02/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	490	*	06/02/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	490	*	06/02/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	490	*	06/02/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	490	*	06/02/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	490	*	06/02/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	2400	*	06/02/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	490	*	06/02/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	970	*	06/02/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	2400	*	06/02/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	2400	*	06/02/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	490	*	06/02/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	970	*	06/02/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107558
Client Project ID: 980521-03 / 1327BA

Pace Sample No.: 10650703 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF33-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	970	*	06/02/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	490	*	06/02/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	490	*	06/02/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	2400	*	06/02/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	2400	*	06/02/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	490	*	06/02/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	490	*	06/02/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	490	*	06/02/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	490	*	06/02/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	490	*	06/02/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	490	*	06/02/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	490	*	06/02/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	490	*	06/02/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	2400	*	06/02/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	970	*	06/02/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	490	*	06/02/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	490	*	06/02/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	490	*	06/02/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	490	*	06/02/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	490	*	06/02/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	490	*	06/02/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	490	*	06/02/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	490	*	06/02/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	490	*	06/02/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650703 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF33-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	490	*	06/02/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	490	*	06/02/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	490	*	06/02/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	490	*	06/02/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	490	*	06/02/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	490	*	06/02/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	490	*	06/02/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	490	*	06/02/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	490	*	06/02/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	490	*	06/02/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	490	*	06/02/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	490	*	06/02/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	490	*	06/02/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	490	*	06/02/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	490	*	06/02/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	2400	*	06/02/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	490	*	06/02/98	SAC	85-01-8		U
Phenol	ND	ug/kg	490	*	06/02/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	490	*	06/02/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	82	%		*	06/02/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	79	%		*	06/02/98	SAC	321-60-8		
2-Fluorophenol (S)	82	%		*	06/02/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	77	%		*	06/02/98	SAC	4165-60-0		
Phenol-d6 (S)	71	%		*	06/02/98	SAC	13127-88-3		

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10850703 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF33-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	99	%		*	06/02/98	SAC	1718-51-0		
Date Extracted	05/29/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650711
Client Sample ID: TF34-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

GC/MS - VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650711 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/02/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/02/98	TAW	67-64-1	1	J
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650711 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/02/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650711 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	126	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/02/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650711 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270				Prep Method: EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/02/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/02/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/02/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/02/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/02/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/02/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/02/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/02/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/02/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/02/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/02/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/02/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/02/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/02/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/02/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/02/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/02/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/02/98	SAC	59-50-7		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650711 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/02/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/02/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/02/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/02/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/02/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/02/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/02/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/02/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/02/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/02/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/02/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/02/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/02/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/02/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/02/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/02/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/02/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/02/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	*	06/02/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	*	06/02/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/02/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/02/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/02/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/02/98	SAC	53-70-3		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650711 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/02/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/02/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/02/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/02/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/02/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/02/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/02/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/02/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/02/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/02/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/02/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/02/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/02/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/02/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/02/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/02/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/02/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/02/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	79	%		*	06/02/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	69	%		*	06/02/98	SAC	321-60-8		
2-Fluorophenol (S)	70	%		*	06/02/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	69	%		*	06/02/98	SAC	4165-60-0		
Phenol-d6 (S)	66	%		*	06/02/98	SAC	13127-88-3		

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Pace Analytical

Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650711 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	106	%		*	06/02/98	SAC	1718-51-0		
Date Extracted	05/29/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650729 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650729 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/03/98	TAW	67-64-1	1,2	J
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650729 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/03/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/03/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/03/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/03/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/03/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/03/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/03/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/03/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/03/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/03/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/03/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/03/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/03/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/03/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/03/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/03/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-69-4		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650729 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/03/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/03/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/03/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/03/98	TAW	1868-53-7		
Toluene-d8 (S)	104	%		*	06/03/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650729 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/02/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/02/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/02/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/02/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/02/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/02/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/02/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/02/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/02/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/02/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/02/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/02/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/02/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/02/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/02/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/02/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/02/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/02/98	SAC	59-50-7		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650729 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/02/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/02/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/02/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/02/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/02/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/02/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/02/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/02/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/02/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/02/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/02/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/02/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/02/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/02/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/02/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/02/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/02/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/02/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/02/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/02/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/02/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/02/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/02/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/02/98	SAC	53-70-3		U

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Pace Analytical

Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650729 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/02/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/02/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/02/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/02/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/02/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/02/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/02/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/02/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/02/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/02/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/02/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/02/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/02/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/02/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/02/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/02/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/02/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/02/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	87	%		*	06/02/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	69	%		*	06/02/98	SAC	321-60-8		
2-Fluorophenol (S)	65	%		*	06/02/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	69	%		*	06/02/98	SAC	4165-60-0		
Phenol-d6 (S)	66	%		*	06/02/98	SAC	13127-88-3		

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10850729 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF34-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	124	%		*	06/02/98	SAC	1718-51-0		
Date Extracted	05/29/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10660737 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF36-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650737 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF36-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/02/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/02/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650737 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF36-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	110	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/02/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650737
Client Sample ID: TF36-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	690	*	06/02/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	340	*	06/02/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	340	*	06/02/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1700	*	06/02/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1700	*	06/02/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	340	*	06/02/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	340	*	06/02/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	340	*	06/02/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	340	*	06/02/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	340	*	06/02/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	ND	ug/kg	340	*	06/02/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	340	*	06/02/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	340	*	06/02/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1700	*	06/02/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	690	*	06/02/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	340	*	06/02/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	340	*	06/02/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)other	ND	ug/kg	340	*	06/02/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	340	*	06/02/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	340	*	06/02/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	340	*	06/02/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	340	*	06/02/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	340	*	06/02/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	340	*	06/02/98	SAC	53-70-3		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650737 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF36-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	340	*	06/02/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	340	*	06/02/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	340	*	06/02/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	340	*	06/02/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	340	*	06/02/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	340	*	06/02/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	340	*	06/02/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	340	*	06/02/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	340	*	06/02/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	340	*	06/02/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	340	*	06/02/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	340	*	06/02/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	340	*	06/02/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	340	*	06/02/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	340	*	06/02/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1700	*	06/02/98	SAC	87-86-5		U
Phenanthrene	trace	ug/kg	340	*	06/02/98	SAC	85-01-8	1	J
Phenol	ND	ug/kg	340	*	06/02/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	340	*	06/02/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	90	%		*	06/02/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	77	%		*	06/02/98	SAC	321-60-8		
2-Fluorophenol (S)	72	%		*	06/02/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	72	%		*	06/02/98	SAC	4165-60-0		
Phenol-d6 (S)	71	%		*	06/02/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650737
Client Sample ID: TF38-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	113	%		*	06/02/98	SAC	1718-51-0		
Date Extracted	05/28/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107558
Client Project ID: 980521-03 / 1327BA

Pace Sample No.: 10650745
Client Sample ID: TF35-1-SR
Date Collected: 05/20/98
Date Received: 05/22/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.12	*	06/02/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.12	*	06/02/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.12	*	06/02/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.12	*	06/02/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.12	*	06/02/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.12	*	06/02/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.12	*	06/02/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	100	%		*	06/02/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	101	%		*	06/02/98	SAC	877-09-8		
Date Extracted	05/29/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650745 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF35-1-SR Date Received: 05/22/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650745
Client Sample ID: TF35-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/02/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/02/98	TAW	67-64-1	1	J
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

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Pace Analytical

Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650745
Client Sample ID: TF35-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/02/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650745 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF35-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/02/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650745
Client Sample ID: TP35-1-SR
Date Collected: 05/20/98
Date Received: 05/22/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/03/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/03/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/03/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/03/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/03/98	SAC	59-50-7		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650745
Client Sample ID: TF35-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/03/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/03/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/03/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/03/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/03/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/03/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/03/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/03/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/03/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/03/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/03/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/03/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/03/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/03/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/03/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/03/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/03/98	SAC	53-70-3		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650745 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF35-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/03/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/03/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/03/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/03/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/03/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/03/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/03/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/03/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/03/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/03/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/03/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/03/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/03/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	*	06/03/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	83	%		*	06/03/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	76	%		*	06/03/98	SAC	321-60-8		
2-Fluorophenol (S)	72	%		*	06/03/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	73	%		*	06/03/98	SAC	4165-60-0		
Phenol-d6 (S)	67	%		*	06/03/98	SAC	13127-88-3		

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Pace Project Number: 107556
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650745 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF35-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	121	%		*	06/03/98	SAC	1718-51-0		
Date Extracted	05/29/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650752 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF35-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.18	*	06/02/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.18	*	06/02/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.18	*	06/02/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.18	*	06/02/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.18	*	06/02/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.18	*	06/02/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.18	*	06/02/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	69	%		*	06/02/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	66	%		*	06/02/98	SAC	877-09-8		
Date Extracted	05/29/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650760 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF35-1-5 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.19	*	06/02/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.19	*	06/02/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.19	*	06/02/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.19	*	06/02/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.19	*	06/02/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.19	*	06/02/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.19	*	06/02/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	92	%		*	06/02/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	108	%		*	06/02/98	SAC	877-09-8		
Date Extracted	05/29/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650778 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF32-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650778
Client Sample ID: TF32-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/03/98	TAW	67-64-1	1,2	J
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650778
Client Sample ID: TF32-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/03/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/03/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/03/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/03/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/03/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/03/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/03/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/03/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/03/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/03/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/03/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/03/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/03/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/03/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/03/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-02-6		U
Trichloroethene	5.2	ug/kg	5	*	06/03/98	TAW	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-69-4		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650778 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF32-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/03/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/03/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/03/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/03/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/03/98	TAW	2037-26-5		
Total EPA 8260	5.2								

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Pace Project Number: 107559
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650778 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF32-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270				Prep Method: EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/02/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/02/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/02/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/02/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/02/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/02/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/02/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/02/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/02/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/02/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/02/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/02/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/02/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/02/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/02/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/02/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/02/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/02/98	SAC	59-50-7		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650778 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF32-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/02/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/02/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/02/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/02/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/02/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/02/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/02/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/02/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/02/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/02/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/02/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/02/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/02/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/02/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/02/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/02/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/02/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/02/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/02/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/02/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/02/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/02/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/02/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/02/98	SAC	53-70-3		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650778
Client Sample ID: TF32-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/02/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/02/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/02/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/02/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/02/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/02/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/02/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/02/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/02/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/02/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/02/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/02/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/02/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/02/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/02/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/02/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/02/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/02/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	84	%		*	06/02/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	79	%		*	06/02/98	SAC	321-60-8		
2-Fluorophenol (S)	78	%		*	06/02/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	77	%		*	06/02/98	SAC	4165-60-0		
Phenol-d6 (S)	73	%		*	06/02/98	SAC	13127-88-3		

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650778 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF32-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	127	%		*	06/02/98	SAC	1718-51-0		
Date Extracted	05/29/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 1327BA

Pace Sample No.: 10650786 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF31-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	*	06/02/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	*	06/02/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/02/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/02/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/02/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/02/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	*	06/02/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	273	%		*	06/02/98	SAC	2051-24-3	3	
Tetrachloro-meta-xylene (S)	101	%		*	06/02/98	SAC	877-09-8		
Date Extracted	05/29/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650786
Client Sample ID: TF31-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

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Pace Analytical

Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650786 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF31-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/03/98	TAW	67-64-1	1,2	J
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

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Pace Analytical

Pace Project Number: 107559
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650786 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF31-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/03/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/03/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/03/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/03/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/03/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/03/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/03/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/03/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/03/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/03/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/03/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/03/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/03/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/03/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/03/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/03/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650786
Client Sample ID: TF31-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/03/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/03/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/03/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/03/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/03/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Sample No.: 10650786 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF31-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/02/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/02/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/02/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/02/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/02/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/02/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/02/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/02/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/02/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/02/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/02/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/02/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/02/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/02/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/02/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/02/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/02/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/02/98	SAC	59-50-7		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650786 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF31-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/02/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/02/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/02/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/02/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/02/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/02/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/02/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/02/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/02/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/02/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/02/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/02/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/02/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/02/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/02/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/02/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/02/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/02/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/02/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/02/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/02/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/02/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/02/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/02/98	SAC	53-70-3		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650786
Client Sample ID: TF31-1-SR
Date Collected: 05/20/98
Date Received: 05/22/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/02/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/02/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/02/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/02/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/02/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/02/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/02/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/02/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/02/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/02/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/02/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/02/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/02/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/02/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/02/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/02/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/02/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/02/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/02/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	89	%		*	06/02/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	77	%		*	06/02/98	SAC	321-60-8		
2-Fluorophenol (S)	76	%		*	06/02/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	75	%		*	06/02/98	SAC	4165-60-0		
Phenol-d6 (S)	68	%		*	06/02/98	SAC	13127-88-3		

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650786 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF31-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	123	%		*	06/02/98	SAC	1718-51-0		
Date Extracted	05/29/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10550810 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF31-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.16	*	06/03/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.16	*	06/03/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.16	*	06/03/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.16	*	06/03/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.16	*	06/03/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.16	*	06/03/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.16	*	06/03/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	90	%		*	06/03/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	101	%		*	06/03/98	SAC	877-09-8		
Date Extracted	05/29/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10850828
Client Sample ID: TF29-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080				Prep Method: EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.098	*	06/02/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.098	*	06/02/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.098	*	06/02/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.098	*	06/02/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.098	*	06/02/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.098	*	06/02/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.098	*	06/02/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	103	%		*	06/02/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	107	%		*	06/02/98	SAC	877-09-8		
Date Extracted	05/29/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650836 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF28-1-SR Date Received: 05/22/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650836
Client Sample ID: TF28-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/03/98	TAW	67-64-1	1	J
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650836 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF28-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/03/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/03/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/03/98	TAW	460-00-4		
Dibromofluoromethane (S)	110	%		*	06/03/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/03/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650836 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF28-1-SR Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270				Prep Method: EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/03/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/03/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/03/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/03/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/03/98	SAC	59-50-7		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650836
Client Sample ID: TF28-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/03/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/03/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/03/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/03/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/03/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/03/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/03/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/03/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/03/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/03/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/03/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/03/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/03/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/03/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	*	06/03/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/03/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/03/98	SAC	53-70-3		U

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650836
Client Sample ID: TF28-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/03/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/03/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/03/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/03/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/03/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/03/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/03/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/03/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/03/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/03/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/03/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/03/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/03/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	*	06/03/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	86	%		*	06/03/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	72	%		*	06/03/98	SAC	321-60-8		
2-Fluorophenol (S)	72	%		*	06/03/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	70	%		*	06/03/98	SAC	4165-60-0		
Phenol-d6 (S)	64	%		*	06/03/98	SAC	13127-88-3		

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650836
Client Sample ID: TF28-1-SR

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	125	%		*	06/03/98	SAC	1718-51-0		
Date Extracted	05/29/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650844 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF28-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2 Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel. 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650844
Client Sample ID: TF28-1-3

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/03/98	TAW	67-64-1	1	J
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Minneapolis, MN 55414
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Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650844 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: TF28-1-3 Date Received: 05/22/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/03/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/03/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/03/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/03/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/03/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/03/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/03/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/03/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/03/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/03/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/03/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/03/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/03/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/03/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/03/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/03/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650844
Client Sample ID: TF28-1-3

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/03/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/03/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/03/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/03/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/03/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107558
Client Project ID: 980521-03 / 13278A

Pace Sample No.: 10650844
Client Sample ID: TF28-1-3

Date Collected: 05/20/98
Date Received: 05/22/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	340	*	06/02/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	340	*	06/02/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	340	*	06/02/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	340	*	06/02/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	340	*	06/02/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	340	*	06/02/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	340	*	06/02/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	340	*	06/02/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/02/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	340	*	06/02/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	340	*	06/02/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	340	*	06/02/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	340	*	06/02/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	340	*	06/02/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	340	*	06/02/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/02/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	340	*	06/02/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	670	*	06/02/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/02/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/02/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	340	*	06/02/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	670	*	06/02/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980520-07
PACE ANALYTICAL WO #: 13275A
Client ID #: 575-8G001

Date: 6/22/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/19/98 and received on 05/19/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Soil)	2-12
TPH-Speciation (Soil)	13-14
BTEX (Soil)	15-18
List of Abbreviations and Definitions	19

In addition the analysis for 8080, 8260 & 8270 were subcontracted to an outside laboratory with results issued in a separate report

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

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Tel: 562-498-9515
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PACE ANALYTICAL Project#:980520-07
PACE ANALYTICAL WO#:13275A
Client ID#:575-8G001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T1-5-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/04/98	06/04/98		
Analyte				
Antimony (Sb)	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	5.0	6010
Barium (Ba)	35	<10	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.5	6010
Chromium (Cr)	22	<0.5	0.5	6010
Cobalt (Co)	4.3	<1.0	1.0	6010
Copper (Cu)	12	<2.5	2.5	6010
Lead (Pb)	90	<1.0	1.0	6010
Mercury (Hg)*	0.27	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	2.5	6010
Nickel (Ni)	17	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	5.0	6010
Vanadium (V)	16	<0.5	0.5	6010
Zinc (Zn)	38	<10	10	6010
DF	1	1		

*Analyzed on 6/18/98

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980520-07
PACE ANALYTICAL WO#:13275A
Client ID#:575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/04/98		06/04/98	06/04/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	88	70-130	63	66	60-130	4.7	0-25
Arsenic (As)	6010	90	78-104	80	84	34-135	4.9	0-15
Barium (Ba)	6010	99	81-117	84	92	55-130	9.1	0-25
Beryllium (Be)	6010	92	70-130	82	85	70-130	3.6	0-25
Cadmium (Cd)	6010	86	75-104	76	80	73-115	5.1	0-15
Chromium (Cr)	6010	90	81-103	76	86	62-125	12	0-15
Cobalt (Co)	6010	88	70-130	74	79	70-130	6.5	0-25
Copper (Cu)	6010	91	70-130	78	84	70-140	7.4	0-25
Lead (Pb)	6010	84	76-104	74	68	48-120	8.5	0-30
Mercury (Hg)*	7471	96	76-121	90	102	70-135	12	0-30
Molybdenum (Mo)	6010	91	70-130	75	81	70-130	7.7	0-25
Nickel (Ni)	6010	88	70-130	73	82	70-130	12	0-25
Selenium (Se)	6010	89	79-102	78	80	42-120	2.5	0-16
Silver (Ag)	6010	91	77-107	79	88	53-115	11	0-19
Thallium (Tl)	6010	89	70-130	69**	75	70-130	8.3	0-25
Vanadium (V)	6010	91	70-130	81	89	70-130	9.4	0-25
Zinc (Zn)	6010	87	70-130	75	78	70-130	3.9	0-25

*Analyzed on 6/18/98
** Sample matrix effect.

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Pace Analytical

PACE ANALYTICAL Project#:980520-07
PACE ANALYTICAL WO#:13275A
Client ID#:575-8G001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T1-5-3	T1-5-5	TNF8-2-S	TNF8-2-3	TNF8-2-5	TNF8-1-S	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/04/98	06/04/98	06/04/98	06/04/98	06/04/98	06/04/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	8.6	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	6.4	5.0	6010
Barium (Ba)	60	70	290	40	13	290	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	2.2	0.5	6010
Chromium (Cr)	24	29	21	20	21	26	0.5	6010
Cobalt (Co)	5.7	7.0	10	4.0	3.6	8.0	1.0	6010
Copper (Cu)	50	7.8	34	11	<2.5	2100	2.5	6010
Lead (Pb)	37	18	130	74	1.5	890.0	1.0	6010
Mercury (Hg)*	0.13	0.13**	<0.05	<0.05	<0.10**	0.59	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	16	19	39	18	16	25	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	21	23	22	22	14	20	0.5	6010
Zinc (Zn)	32	39	110	59	15	810	10	6010
DF	1	1	1	1	1	1		

*Analyzed on 6/16/98.
** Analyzed at ATL on 5/26/98, PRL = 0.10 mg/kg.

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Pace Analytical

PACE ANALYTICAL Project#:980520-07
PACE ANALYTICAL, WO#:13275A
Client ID#:575-6G001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/25 TTLC METALS

Client ID:	TNF8-1-3	TNF8-1-5	TNF7-4-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/04/98	06/04/98	06/04/98	06/04/98		
Analyte						
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	14	12	190	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	27	18	22	<0.5	0.5	6010
Cobalt (Co)	4.9	3.2	11	<1.0	1.0	6010
Copper (Cu)	9.3	5.8	36	<2.5	2.5	6010
Lead (Pb)	1.6	<1.0	27	<1.0	1.0	6010
Mercury (Hg)*	<0.05	<0.10**	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	19	15	30	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	20	13	22	<0.5	0.5	6010
Zinc (Zn)	19	14	63	<10	10	6010
DF	1	1	1	1		

*Analyzed on 6/15/98.
** Analyzed at ATL on 5/26/98. PRL = 0.10 mg/kg.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		06/04/98		06/04/98	06/04/98			
Analyte	EPA Method							
Antimony (Sb)	6010	81	70-130	63	66	60-130	4.7	0-25
Arsenic (As)	6010	83	78-104	80	84	34-135	4.9	0-15
Barium (Ba)	6010	89	81-117	84	92	55-130	9.1	0-25
Beryllium (Be)	6010	86	70-130	82	85	70-130	3.6	0-25
Cadmium (Cd)	6010	82	75-104	76	80	73-115	5.1	0-15
Chromium (Cr)	6010	83	81-103	76	86	62-125	12	0-15
Cobalt (Co)	6010	82	70-130	74	79	70-130	6.5	0-25
Copper (Cu)	6010	86	70-130	78	84	70-140	7.4	0-25
Lead (Pb)	6010	77	76-104	74	68	48-120	8.5	0-30
Mercury (Hg)*	7471	86	76-121	81	73	70-135	10	0-30
Mercury (Hg)**	7471	106	76-121	120	116	53-139	4	0-30
Molybdenum (Mo)	6010	83	70-130	75	81	70-130	7.7	0-25
Nickel (Ni)	6010	81	70-130	73	82	70-130	12	0-25
Selenium (Se)	6010	86	79-102	78	80	42-120	2.5	0-15
Silver (Ag)	6010	85	77-107	79	88	53-115	11	0-19
Thallium (Tl)	6010	80	70-130	69	75	70-130	8.3	0-25
Vanadium (V)	6010	84	70-130	81	89	70-130	9.4	0-25
Zinc (Zn)	6010	84	70-130	75	78	70-130	3.9	0-25

*Analyzed on 6/16/98.
** Analyzed at ATL on 5/26/98. PRL = 0.10 mg/kg.
** Analyzed at ATL on 5/26/98. PRL = 0.10 mg/kg.

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Pace Analytical

PACE ANALYTICAL Project#:980520-07
PACE ANALYTICAL WO#:13275A
Client ID#:575-BG001

Analyst:	VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TNF7-4-3	TNF7-4-5	TNF7-2-S	TNF7-2-3	TNF7-2-5	TNF7-3-S	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/13/98	06/13/98	06/13/98	06/13/98	06/13/98	06/13/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	14	70	230	25	27	210	10	6010
Beryllium (Be)	<0.5	<0.5	0.6	<0.5	<0.5	0.5	0.5	6010
Cadmium (Cd)	<0.5	0.6	0.6	<0.5	<0.5	0.6	0.5	6010
Chromium (Cr)	33	28	25	30	31	23	0.5	6010
Cobalt (Co)	5.0	4.1	15	4.8	5.1	11	1.0	6010
Copper (Cu)	3.3	7.4	42	5.7	14	26	2.5	6010
Lead (Pb)	7.9	230	300	31	22	35	1.0	6010
Mercury (Hg)*	<0.05	<0.10**	<0.05	<0.05	<0.10**	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	18	19	40	20	19	28	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	5.2	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	26	23	33	26	23	28	0.5	6010
Zinc (Zn)	23	140	110	29	28	71	10	6010
DF	1	1	1	1	1	1		

*Analyzed on 6/16/98
** Analyzed at ATL on 5/26/98, PRL = 0.10 mg/kg

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980520-07
PACE ANALYTICAL WO#:13275A
Client ID#:575-8G001

Analyst:	VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TNF7-3-3	TNF7-3-5	TNF7-3-10	TNF7-1-5	TNF7-1-3	TNF7-1-5	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/13/98	06/13/98	06/13/98	06/13/98	06/13/98	06/13/98		
Analyte								
Antimony (Sb)	20	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	53	<5.0	<5.0	7.6	6.3	5.3	5.0	6010
Barium (Ba)	2000	14	8.2	170	250	96	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	29	<0.5	<0.5	0.6	0.5	<0.5	0.5	6010
Chromium (Cr)	17	33	32	77	23	22	0.5	6010
Cobalt (Co)	2.8	4.1	3.8	21	3.9	3.7	1.0	6010
Copper (Cu)	23	2.7	2.5	39	57	18	2.5	6010
Lead (Pb)	3600	6.3	1.3	27	1800	380	1.0	6010
Mercury (Hg)*	0.63	<0.05	<0.05	<0.05	0.20	0.54**	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	18	18	16	250	18	16	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	11	<5.0	<5.0	5.0	6010
Vanadium (V)	31	26	24	37	22	20	0.5	6010
Zinc (Zn)	4900	45	13	88	640	270	10	6010
DF	1	1	1	1	1	1		

*Analyzed on 6/16/98.
** Analyzed at ATL on 5/26/98, PRL = 0.10 mg/kg.

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Pace Analytical

PACE ANALYTICAL Project#:960520-07
PACE ANALYTICAL WO#:13275A
Client ID#:575-8G001

Analyst: VN
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TNF6-2-S	TNF6-2-3	TNF6-2-5	TNF6-2-10	TNF6-1-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/13/98	06/13/98	06/13/98	06/13/98	06/13/98	06/13/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	7.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	5.5	<5.0	<5.0	5.0	6010
Barium (Ba)	190	760	53	260	<10	<10	10	6010
Beryllium (Be)	<0.5	0.5	<0.5	0.6	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	1.0	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	36	24	32	21	360	<0.5	0.5	6010
Cobalt (Co)	9.8	7.5	4.7	5.8	78	<1.0	1.0	6010
Copper (Cu)	31	160	15	45	<2.5	<2.5	2.5	6010
Lead (Pb)	130	190	100	470	62	<1.0	1.0	6010
Mercury (Hg)*	0.45	0.57	0.11	0.34**	<0.05	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	28	23	21	16	1400	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	32	51	24	30	38	<0.5	0.5	6010
Zinc (Zn)	110	270	60	130	<10	<10	10	6010
DF	1	1	1	1	1	1		

*Analyzed on 6/16/98.
** Analyzed at ATL on 6/25/98. PRL = 0.10 mg/kg.

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PACE ANALYTICAL Project#:980520-07
PACE ANALYTICAL WO#:13275A
Client ID#:575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMAR '

Analyst: VN
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/13/98		06/13/98	06/13/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	101	70-130	67	62	60-130	7.8	0-25
Arsenic (As)	6010	99	78-104	80	85	34-135	6.1	0-15
Barium (Ba)	6010	101	81-117	98	89	55-130	9.6	0-25
Beryllium (Be)	6010	96	70-130	77	83	70-130	7.5	0-25
Cadmium (Cd)	6010	100	75-104	77	78	73-115	1.3	0-15
Chromium (Cr)	6010	100	91-103	94	93	62-125	1.2	0-15
Cobalt (Co)	6010	99	70-130	76	79	70-130	3.9	0-25
Copper (Cu)	6010	100	70-130	77	92	70-140	6.3	0-25
Lead (Pb)	6010	101	76-104	99	85	48-120	15	0-30
Mercury (Hg)*	7471	96	76-121	81	73	70-135	10	0-30
Molybdenum (Mo)	6010	100	70-130	76	79	70-130	3.9	0-25
Nickel (Ni)	6010	98	70-130	77	80	70-130	3.8	0-25
Selenium (Se)	6010	100	79-102	74	84	42-120	13	0-16
Silver (Ag)	6010	103	77-107	77	87	53-115	12	0-19
Thallium (Tl)	6010	101	70-130	76	80	70-130	5.1	0-25
Vanadium (V)	6010	100	70-130	91	88	70-130	3.4	0-25
Zinc (Zn)	6010	107	70-130	82	78	70-130	5.0	0-25

* Analyzed 6/16/98

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PACE ANALYTICAL Project#:980520-07
PACE ANALYTICAL WO#:13275A
Client ID#:575-8G001

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TNF6-1-3	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/31/98	05/31/98		
Analyte				
Antimony (Sb)	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	5.0	6010
Barium (Ba)	100	<10	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.7	<0.5	0.5	6010
Chromium (Cr)	24	<0.5	0.5	6010
Cobalt (Co)	3.9	<1.0	1.0	6010
Copper (Cu)	61	<2.5	2.5	6010
Lead (Pb)	250	<1.0	1.0	6010
Mercury (Hg)*	0.91**	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	2.5	6010
Nickel (Ni)	19	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	5.0	6010
Vanadium (V)	19	<0.5	0.5	6010
Zinc (Zn)	320	<10	10	6010
DF	1	1		

*Analyzed on 6/16/98.
** Analyzed at ATL on 5/26/98. PRL = 0.10 mg/kg.

REPORT OF LABORATORY ANALYSIS

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:								
Antimony (Sb)	6010	87	70-130	68	67	60-130	1.5	0-25
Arsenic (As)	6010	87	78-104	75	76	34-135	1.3	0-15
Barium (Ba)	6010	98	81-117	86	93	55-130	7.8	0-25
Beryllium (Be)	6010	89	70-130	78	80	70-130	2.5	0-25
Cadmium (Cd)	6010	86	75-104	73	75	73-115	2.7	0-15
Chromium (Cr)	6010	88	81-103	79	84	62-125	6.1	0-15
Cobalt (Co)	6010	86	70-130	71	78	70-130	9.4	0-25
Copper (Cu)	6010	91	70-130	78	83	70-140	6.2	0-25
Lead (Pb)	6010	82	76-104	67	72	48-120	7.2	0-30
Mercury (Hg)*	7471	86	76-121	81	73	70-135	10	0-30
Molybdenum (Mo)	6010	90	70-130	75	80	70-130	6.5	0-25
Nickel (Ni)	6010	85	70-130	68*	76	70-130	11	0-25
Selenium (Se)	6010	87	79-102	74	77	42-120	4.0	0-16
Silver (Ag)	6010	90	77-107	77	56	53-116	32*	0-19
Thallium (Tl)	6010	87	70-130	70	81	70-130	15	0-25
Vanadium (V)	6010	90	70-130	77	94	70-130	20	0-25
Zinc (Zn)	6010	90	70-130	64*	65*	70-130	1.6	0-25

*Sample matrix effect.

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Pace Analytical

PACE ANALYTICAL Project#:980520-07
PACE ANALYTICAL WO#:13275A
Client ID#:575-BG001

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	05/29/98	<10	—	10	1
T1-5-S	05/29/98	<10	—	10	1
T1-5-5	05/29/98	<10	—	10	1
TNF8-2-3	05/29/98	<10	—	10	1
TNF8-2-5	05/29/98	<10	—	10	1
TNF8-1-S	05/29/98	<10	—	10	1
TNF7-3-5	05/30/98	<10	—	10	1
TNF7-1-5	05/30/98	<10	—	10	1
TNF7-3-10	05/30/98	<10	—	10	1
TNF7-1-3	05/30/98	<10	—	10	1
TNF7-1-5	05/30/98	<10	—	10	1
TNF6-2-10	05/30/98	<10	—	10	1
TNF6-1-3	05/30/98	<10	—	10	1
TNF8-2-5	05/31/98	<10	—	10	1
TNF6-2-S	05/31/98	<10	—	10	1
TNF6-2-5	05/31/98	<10	—	10	1
TNF6-1-S	05/31/98	<10	—	10	1
T1-5-3	06/04/98	100	C16-C36 Oil	10	1
TNF6-2-3	06/04/98	60	C20-C36 Oil	10	1
TNF8-1-3	06/04/98	<10	—	10	1
TNF8-1-5	06/04/98	<10	—	10	1
TNF7-4-5	06/04/98	90	C18-C36 Oil	10	1
TNF7-4-3	06/04/98	<10	—	10	1
TNF7-4-S	06/04/98	<10	—	10	1
TNF7-2-S	06/04/98	100	C20-C40 Oil	10	1
TNF7-2-3	06/04/98	<10	—	10	1

REPORT OF LABORATORY ANALYSIS

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PACE ANALYTICAL Project#:980520-07
PACE ANALYTICAL WO#:13275A
Client ID#:575-6G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/29/98		05/29/98	05/29/98			
TPH-Speciation	105	80-120	105	107	70-130	1.9	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/30/98		05/30/98	05/30/98			
TPH-Speciation	109	80-120	104	103	70-130	1.0	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/31/98		05/31/98	05/31/98			
TPH-Speciation	110	80-120	114	114	70-130	0.0	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/04/98		06/04/98	06/04/98			
TPH-Speciation	91	80-120	84	77	70-130	8.7	0-30

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Pace Analytical

PACE ANALYTICAL Project# 980520-07
PACE ANALYTICAL WO#:13275A
Client ID#:575-8G001

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	T1-5-S	T1-5-3	T1-5-5	TNF8-1-S	TNF8-1-3	TNF8-1-5	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	85	88	88	88	90	90	59-134

Client ID:	TNF7-2-S	TNF7-2-3	TNF7-2-5	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	05/22/98	05/22/98	05/22/98		
Analyte					
Benzene	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	15
DF	1	1	1	1	
Surrogate Recovery %:					Acceptable Range:
a,a,a-Trifluorotoluene	81	90	87	89	59-134

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PACE ANALYTICAL Project#:980520-07
PACE ANALYTICAL WO#:13275A
Client ID#:575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/22/98		05/22/98	05/22/98			
Analyte							
Benzene	87	74-116	86	85	72-115	1.2	0-26
Toluene	91	73-116	88	86	70-114	2.3	0-22
Ethylbenzene	92	75-118	84	85	68-119	1.2	0-24
Total Xylenes	92	78-120	84	84	74-117	0.0	0-22

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TNF7-1-S	TNF7-1-3	TNF7-1-5	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	05/26/98	05/26/98	05/26/98	05/26/98	
Analyte					
Benzene	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	15
DF	1	1	1	1	
Surrogate Recovery %:					Acceptable Range:
a,a,a-Trifluorotoluene	108	105	104	108	59-134

REPORT OF LABORATORY ANALYSIS

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/26/98		05/26/98	05/26/98			
Analyte							
Benzene	103	74-116	102	101	72-115	1.0	0-26
Toluene	107	73-116	107	108	70-114	0.9	0-22
Ethylbenzene	109	75-118	110	107	68-119	2.8	0-24
Total Xylenes	110	76-120	110	108	74-117	1.8	0-22

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

June 02, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021838
Client Project ID: 980520-07

Dear :

Enclosed are the results of analyses for sample(s) received on May 21, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021838
Client Project ID: 980520-07

Pace Sample No.: 601888423
Client Sample ID: T1-5-5

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/02/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/02/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/02/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	06/02/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/02/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/02/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	46.18	06/02/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/02/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/02/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/02/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/02/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/02/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/02/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/02/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/02/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/02/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/02/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/02/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/02/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/02/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/02/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/02/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/02/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/02/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/02/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/02/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/02/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/02/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/02/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/02/98	WAW	120-12-7		U

Pace Project Number: 6021838
Client Project ID: 980520-07

Pace Sample No.: 001888423
Client Sample ID: T1-5-5
Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/02/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/02/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/02/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/02/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/02/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/02/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/02/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/02/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/02/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/02/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/02/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/02/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	06/02/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	06/02/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/02/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/02/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	19.84	06/02/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/02/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/02/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/02/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/02/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/02/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/02/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.06	06/02/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/02/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/02/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/02/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/02/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/02/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	06/02/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/02/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/02/98	WAW	87-86-5		U

Pace Project Number: 6021638
Client Project ID: 980520-07

Pace Sample No.: 601888423 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T1-5-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	06/02/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	16.62	06/02/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/02/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	99	%			06/02/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	90	%			06/02/98	WAW	321-60-8		
2-Fluorophenol (S)	100	%			06/02/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	84	%			06/02/98	WAW	4165-60-0		
Phenol-d6 (S)	86	%			06/02/98	WAW	13127-88-3		
Terphenyl-d14 (S)	72	%			06/02/98	WAW	1718-51-0		
Date Extracted	05/27/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021838
Client Project ID: 980520-07

Pace Sample No.: 601888431 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF8-1-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/02/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/02/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/02/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	06/02/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.46	06/02/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/02/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	48.18	06/02/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/02/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/02/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/02/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/02/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/02/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/02/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/02/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/02/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/02/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/02/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/02/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/02/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/02/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/02/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/02/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/02/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/02/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/02/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/02/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/02/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/02/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/02/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/02/98	WAW	120-12-7		U

Pace Project Number: 6021838
Client Project ID: 980520-07

Pace Sample No.: 601688431
Client Sample ID: TNF8-1-5

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/02/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/02/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/02/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/02/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/02/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/02/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/02/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/02/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/02/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/02/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/02/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/02/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	06/02/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	06/02/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/02/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/02/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	19.84	06/02/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/02/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/02/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/02/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/02/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/02/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/02/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	06/02/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/02/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/02/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/02/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/02/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/02/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	06/02/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/02/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/02/98	WAW	87-86-5		U

Pace Project Number: 6021838
Client Project ID: 980520-07

Pace Sample No.: 601888431 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF8-1-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	06/02/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.82	06/02/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/02/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	103	%			06/02/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	93	%			06/02/98	WAW	321-60-8		
2-Fluorophenol (S)	100	%			06/02/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	88	%			06/02/98	WAW	4165-60-0		
Phenol-d6 (S)	85	%			06/02/98	WAW	13127-88-3		
Terphenyl-d14 (S)	78	%			06/02/98	WAW	1718-51-0		
Date Extracted	05/27/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021838
Client Project ID: 980520-07

Pace Sample No.: 601888498 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF7-2-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/02/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/02/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/02/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/02/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/02/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/02/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/02/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.086	06/02/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/02/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/02/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/02/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.166	06/02/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/02/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/02/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/02/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/02/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/02/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/02/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/02/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/02/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	06/02/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/02/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/02/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/02/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/02/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/02/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/02/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/02/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/02/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.051	06/02/98	WAW	120-12-7		U

Pace Project Number: 6021838
Client Project ID: 980520-07

Pace Sample No.: 601888498 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF7-2-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/02/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/02/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/02/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/02/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/02/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/02/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/02/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/02/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/02/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/02/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/02/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/02/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/02/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/02/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/02/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/02/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/02/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/02/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/02/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/02/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/02/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/02/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.790	06/02/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/02/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/02/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/02/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/02/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.848	06/02/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/02/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/02/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/02/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/02/98	WAW	87-86-5		U

Pace Project Number: 6021838
Client Project ID: 980520-07

Pace Sample No.: 601888498 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF7-2-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/02/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/02/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/02/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	76	%			06/02/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	72	%			06/02/98	WAW	321-60-8		
2-Fluorophenol (S)	82	%			06/02/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	66	%			06/02/98	WAW	4165-60-0		
Phenol-d6 (S)	68	%			06/02/98	WAW	13127-88-3		
Terphenyl-d14 (S)	65	%			06/02/98	WAW	1718-51-0		
Date Extracted	05/27/98					WAW			

Total EPA 8270 ND

Pace Project Number: 5021838
Client Project ID: 980520-07

Pace Sample No.: 501888522 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF7-1-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/02/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/02/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/02/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/02/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/02/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/02/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/02/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.595	06/02/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/02/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/02/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/02/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/02/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/02/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/02/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/02/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/02/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/02/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/02/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/02/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/02/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	06/02/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/02/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/02/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.501	06/02/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/02/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/02/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/02/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.026	06/02/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/02/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/02/98	WAW	120-12-7		U

Pace Project Number: 6021838
Client Project ID: 980520-07

Pace Sample No : 601888522
Client Sample ID: TNF7-1-5

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/02/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/02/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/02/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/02/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/02/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/02/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/02/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/02/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/02/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/02/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/02/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/02/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/02/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/02/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/02/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/02/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/02/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/02/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/02/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	16.701	06/02/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	18.183	06/02/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.980	06/02/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/02/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/02/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/02/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/02/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/02/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/02/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/02/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/02/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/02/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/02/98	WAW	87-86-5		U

Pace Project Number: 6021838
Client Project ID: 980520-07

Pace Sample No.: 601888522 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF7-1-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/02/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/02/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/02/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	68	%			06/02/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	69	%			06/02/98	WAW	321-60-8		
2-Fluorophenol (S)	71	%			06/02/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	62	%			06/02/98	WAW	4165-60-0		
Phenol-d6 (S)	64	%			06/02/98	WAW	13127-88-3		
Terphenyl-d14 (S)	53	%			06/02/98	WAW	1718-51-0		
Date Extracted	05/27/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 6021838
Client Project ID: 980520-07

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
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Pace Analytical

June 05, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021841
Client Project ID: 980520-07

Dear :

Enclosed are the results of analyses for sample(s) received on May 21, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888647 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T1-5-S Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	6600	378.49	06/04/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	6600	255.91	06/04/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	6600	188.05	06/04/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	6600	396.60	06/04/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	6600	144.07	06/04/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	6600	238.99	06/04/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	6600	479.39	06/04/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	6600	106.86	06/04/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	32000	917.30	06/04/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	6600	111.83	06/04/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	6600	172.33	06/04/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	6600	161.58	06/04/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	6600	174.72	06/04/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	6600	330.93	06/04/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	6600	149.25	06/04/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	32000	174.12	06/04/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	6600	178.90	06/04/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	13000	4786.5	06/04/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	32000	150.64	06/04/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	32000	909.82	06/04/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	6600	141.68	06/04/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	13000	173.72	06/04/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	13000	164.57	06/04/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	6600	156.01	06/04/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	6600	149.25	06/04/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	32000	104.47	06/04/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	32000	178.90	06/04/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	6600	146.26	06/04/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	6600	171.53	06/04/98	DM	208-96-8		U
Anthracene	ND	ug/kg	6600	136.51	06/04/98	DM	120-12-7		U

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888847 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T1-5-S Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	6600	151.43	06/04/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	6600	126.76	06/04/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	6600	153.03	06/04/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	6600	114.62	06/04/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	6600	91.142	06/04/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	32000	131.34	06/04/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	13000	257.50	06/04/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	6600	183.27	06/04/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	6600	422.57	06/04/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	6600	198.00	06/04/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	6600	79.401	06/04/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	6600	190.84	06/04/98	DM	85-68-7		U
Chrysene	ND	ug/kg	6600	189.84	06/04/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	6600	314.42	06/04/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	6600	157.01	06/04/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	6600	153.82	06/04/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	6600	187.45	06/04/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	6600	127.16	06/04/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	6600	153.23	06/04/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	6600	157.01	06/04/98	DM	206-44-0		U
Fluorene	ND	ug/kg	6600	151.83	06/04/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	6600	179.89	06/04/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	6600	277.80	06/04/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	6600	195.61	06/04/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	6600	295.51	06/04/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	6600	121.19	06/04/98	DM	193-39-5		U
Isophorone	ND	ug/kg	6600	501.87	06/04/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	6600	186.46	06/04/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	6600	72.038	06/04/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	6600	188.05	06/04/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	6600	350.24	06/04/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	32000	176.71	06/04/98	DM	87-86-5		U

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888647 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T1-5-S Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	6600	136.11	06/04/98	DM	85-01-8		U
Phenol	ND	ug/kg	6600	185.26	06/04/98	DM	108-95-2		U
Pyrene	ND	ug/kg	6600	96.714	06/04/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	32	%			06/04/98	DM	118-79-6		
2-Fluorobiphenyl (S)	76	%			06/04/98	DM	321-60-8		
2-Fluorophenol (S)	64	%			06/04/98	DM	367-12-4		
Nitrobenzene-d5 (S)	61	%			06/04/98	DM	4165-60-0	1	
Phenol-d6 (S)	56	%			06/04/98	DM	13127-88-3		
Terphenyl-d14 (S)	61	%			06/04/98	DM	1718-51-0		
Date Extracted	05/29/98					DM			

Total EPA 8270 ND

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601986662 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T1-5-3 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/04/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/04/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/04/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/04/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/04/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/04/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/04/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/04/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/04/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.193	06/04/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/04/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/04/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/04/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/04/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/04/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/04/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/04/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/04/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/04/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/04/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	06/04/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/04/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/04/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/04/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/04/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/04/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/04/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/04/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/04/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/04/98	DM	120-12-7		U

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888662
Client Sample ID: T1-5-3

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/04/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/04/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/04/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/04/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/04/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/04/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/04/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/04/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/04/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/04/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/04/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/04/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/04/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/04/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/04/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/04/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/04/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/04/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/04/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/04/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/04/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/04/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/04/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/04/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.651	06/04/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/04/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/04/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/04/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/04/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/04/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/04/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/04/98	DM	87-86-5		U

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888662 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: T1-5-3 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/04/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/04/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/04/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	126	%			06/04/98	DM	118-79-6		
2-Fluorobiphenyl (S)	75	%			06/04/98	DM	321-60-8		
2-Fluorophenol (S)	93	%			06/04/98	DM	367-12-4		
Nitrobenzene-d5 (S)	84	%			06/04/98	DM	4165-60-0		
Phenol-d6 (S)	82	%			06/04/98	DM	13127-88-3		
Terphenyl-d14 (S)	102	%			06/04/98	DM	1718-51-0		
Date Extracted	05/29/98					DM			
Total EPA 8270	ND								

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888668 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF8-1-S Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/04/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/04/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/04/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	06/04/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/04/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/04/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	46.18	06/04/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/04/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/04/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/04/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/04/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/04/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/04/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/04/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/04/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/04/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/04/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/04/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/04/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/04/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/04/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/04/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/04/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/04/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/04/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/04/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/04/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/04/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/04/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/04/98	DM	120-12-7		U

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888688 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF8-1-S Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/04/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/04/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/04/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/04/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/04/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/04/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/04/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/04/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/04/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/04/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/04/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/04/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.08	06/04/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	06/04/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/04/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/04/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	06/04/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/04/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/04/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/04/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/04/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/04/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/04/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.66	06/04/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/04/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/04/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/04/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/04/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/04/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	06/04/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/04/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/04/98	DM	87-86-5		U

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601889698 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID.: TNF6-1-S Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.08	06/04/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.62	06/04/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/04/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	118	%			06/04/98	DM	118-79-6		
2-Fluorobiphenyl (S)	90	%			06/04/98	DM	321-60-8		
2-Fluorophenol (S)	97	%			06/04/98	DM	367-12-4		
Nitrobenzene-d5 (S)	88	%			06/04/98	DM	4165-60-0		
Phenol-d6 (S)	94	%			06/04/98	DM	13127-88-3		
Terphenyl-d14 (S)	88	%			06/04/98	DM	1718-51-0		
Date Extracted	05/29/98					DM			
Total EPA 8270	ND								

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888712
Client Sample ID: TNF8-1-3

Date Collected: 05/19/98
Date Received: 06/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/03/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/03/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/03/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/03/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/03/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/03/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.930	06/03/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/03/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/03/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/03/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/03/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/03/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/03/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/03/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/03/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/03/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/03/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/03/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/03/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/03/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	06/03/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/03/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/03/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/03/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/03/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/03/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/03/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/03/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/03/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/03/98	DM	120-12-7		U

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888712
Client Sample ID: TNF8-1-3

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/03/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/03/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/03/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/03/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/03/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/03/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/03/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/03/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/03/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/03/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/03/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/03/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/03/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/03/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/03/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/03/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/03/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/03/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/03/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/03/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/03/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/03/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/03/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/03/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/03/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/03/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/03/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/03/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/03/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/03/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/03/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/03/98	DM	87-86-5		U

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888712
Client Sample ID: TNF9-1-3

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/03/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/03/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/03/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	154	%			06/03/98	DM	118-79-6		
2-Fluorobiphenyl (S)	81	%			06/03/98	DM	321-60-8		
2-Fluorophenol (S)	93	%			06/03/98	DM	367-12-4		
Nitrobenzene-d5 (S)	90	%			06/03/98	DM	4165-60-0		
Phenol-d6 (S)	90	%			06/03/98	DM	13127-88-3		
Terphenyl-d14 (S)	115	%			06/03/98	DM	1718-51-0		
Date Extracted	06/01/98					DM			

Total EPA 8270 ND

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888746
Client Sample ID: TNF7-2-S

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/04/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/04/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	19.805	06/04/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/04/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/04/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/04/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/04/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/04/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/04/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/04/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/04/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/04/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/04/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/04/98	DM	91 57-6		U
2-Methylphenol	ND	ug/kg	660	14 925	06/04/98	DM	95 48-7		U
2-Nitroaniline	ND	ug/kg	3200	17 412	06/04/98	DM	88-74 4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/04/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478 65	06/04/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/04/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/04/98	DM	534-52-1		U
4 Bromophenyl-phenylether	ND	ug/kg	660	14.158	06/04/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/04/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/04/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/04/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14 925	06/04/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10 447	06/04/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17 890	06/04/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/04/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/04/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13 651	06/04/98	DM	120-12-7		U

Pace Project Number: 6021841
Client Project ID: 980520-07

Lab Sample No.: 601868746
Client Sample ID: TNF7-2-S

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	16.143	06/04/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/04/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/04/98	DM	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/04/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/04/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/04/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/04/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/04/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/04/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/04/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/04/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/04/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/04/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/04/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/04/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/04/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/04/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.715	06/04/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/04/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/04/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/04/98	DM	86-73-7		
Hexachlorobenzene	ND	ug/kg	660	17.989	06/04/98	DM	118-74-1		
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/04/98	DM	87-68-3		
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/04/98	DM	77-47-4		
Hexachloroethane	ND	ug/kg	660	29.551	06/04/98	DM	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/04/98	DM	193-39-5		
Isophorone	ND	ug/kg	660	50.187	06/04/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.648	06/04/98	DM	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/04/98	DM	86-30-6		
Naphthalene	ND	ug/kg	660	18.805	06/04/98	DM	91-20-3		
Nitrobenzene	ND	ug/kg	660	35.024	06/04/98	DM	98-95-3		
Pentachlorophenol	ND	ug/kg	3200	17.671	06/04/98	DM	87-86-5		

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888745 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF7-2-S Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/04/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/04/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/04/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	128	%			06/04/98	DM	118-79-6		
2-Fluorobiphenyl (S)	102	%			06/04/98	DM	321-60-8		
2-Fluorophenol (S)	105	%			06/04/98	DM	367-12-4		
Nitrobenzene-d5 (S)	103	%			06/04/98	DM	4165-60-0		
Phenol-d6 (S)	102	%			06/04/98	DM	13127-88-3		
Terphenyl-d14 (S)	108	%			06/04/98	DM	1718-51-0		
Date Extracted	05/29/98					DM			
Total EPA 8270	ND								

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888779 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF7-2-3 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/04/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/04/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/04/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	30.660	06/04/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/04/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/04/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/04/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/04/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/04/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.193	06/04/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/04/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/04/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/04/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.093	06/04/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.925	06/04/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/04/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/04/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/04/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/04/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/04/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.166	06/04/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/04/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/04/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/04/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/04/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/04/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/04/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/04/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/04/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/04/98	WAW	120-12-7		U

Pace Project Number: 8021841
Client Project ID: 980520-07

Pace Sample No.: 801888779
Client Sample ID: TNF7-2-3

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameter	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/04/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/04/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/04/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/04/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/04/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/04/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/04/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/04/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/04/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/04/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/04/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/04/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/04/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/04/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/04/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/04/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/04/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/04/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/04/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/04/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/04/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/04/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/04/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/04/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/04/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/04/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/04/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/04/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/04/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/04/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.024	06/04/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.071	06/04/98	WAW	87-86-5		U

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888779 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF7-2-3 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/04/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/04/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/04/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	71	%			06/04/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	94	%			06/04/98	WAW	321-60-8		
2-Fluorophenol (S)	75	%			06/04/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	82	%			06/04/98	WAW	4165-60-0		
Phenol-d6 (S)	80	%			06/04/98	WAW	13127-88-3		
Terphenyl d14 (S)	107	%			06/04/98	WAW	1718-51-0		
Date Extracted	05/29/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888911 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF7-1-S Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - SemiVOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	38.04	06/04/98	DM	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.72	06/04/98	DM	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.9	06/04/98	DM	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.86	06/04/98	DM	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.48	06/04/98	DM	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	24.02	06/04/98	DM	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	46.18	06/04/98	DM	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.74	06/04/98	DM	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	92.2	06/04/98	DM	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.24	06/04/98	DM	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.32	06/04/98	DM	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.24	06/04/98	DM	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.56	06/04/98	DM	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.26	06/04/98	DM	91-57-6		U
2-Methylphenol	ND	ug/kg	660	15	06/04/98	DM	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.5	06/04/98	DM	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.98	06/04/98	DM	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	481.06	06/04/98	DM	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.14	06/04/98	DM	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	91.44	06/04/98	DM	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.24	06/04/98	DM	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.46	06/04/98	DM	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.54	06/04/98	DM	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.68	06/04/98	DM	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	15	06/04/98	DM	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.5	06/04/98	DM	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.98	06/04/98	DM	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.7	06/04/98	DM	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.24	06/04/98	DM	208-96-8		U
Anthracene	ND	ug/kg	660	13.72	06/04/98	DM	120-12-7		U

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601988811 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF7-1-S Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.22	06/04/98	DM	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.74	06/04/98	DM	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.38	06/04/98	DM	205-09-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.52	06/04/98	DM	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.16	06/04/98	DM	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.2	06/04/98	DM	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.88	06/04/98	DM	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.42	06/04/98	DM	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.48	06/04/98	DM	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.9	06/04/98	DM	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.98	06/04/98	DM	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.18	06/04/98	DM	85-68-7		U
Chrysene	ND	ug/kg	660	19.09	06/04/98	DM	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.6	06/04/98	DM	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.78	06/04/98	DM	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.46	06/04/98	DM	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.84	06/04/98	DM	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.78	06/04/98	DM	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.4	06/04/98	DM	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.78	06/04/98	DM	206-44-0		U
Fluorene	ND	ug/kg	660	15.26	06/04/98	DM	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	18.08	06/04/98	DM	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.92	06/04/98	DM	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.68	06/04/98	DM	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.7	06/04/98	DM	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.18	06/04/98	DM	193-39-5		U
Isophorone	ND	ug/kg	660	50.44	06/04/98	DM	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.74	06/04/98	DM	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.24	06/04/98	DM	86-30-6		U
Naphthalene	ND	ug/kg	660	18.9	06/04/98	DM	91-20-3		U
Nitrobenzene	ND	ug/kg	660	35.2	06/04/98	DM	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.76	06/04/98	DM	87-86-5		U

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888811
Client Sample ID: TNF7-1-S

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.68	06/04/98	DM	85-01-8		U
Phenol	ND	ug/kg	660	18.62	06/04/98	DM	108-95-2		U
Pyrene	ND	ug/kg	660	9.72	06/04/98	DM	129-00-0		U
2,4,6-Tribromophenol (S)	131	%			06/04/98	DM	118-79-6		
2-Fluorobiphenyl (S)	117	%			06/04/98	DM	321-60-8		
2-Fluorophenol (S)	118	%			06/04/98	DM	367-12-4		
Nitrobenzene-d5 (S)	109	%			06/04/98	DM	4165-60-0		
Phenol-d6 (S)	112	%			06/04/98	DM	13127-88-3		
Terphenyl-d14 (S)	116	%			06/04/98	DM	1718-51-0		
Date Extracted	05/29/98					DM			
Total EPA 8270	ND								

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 60186883 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF7-1-3 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	660	37.849	06/05/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	660	25.591	06/05/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	660	18.805	06/05/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	660	39.660	06/05/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	660	14.407	06/05/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	660	23.899	06/05/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	660	47.939	06/05/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	660	10.686	06/05/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	3200	91.739	06/05/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	660	11.183	06/05/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	660	17.233	06/05/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	660	16.158	06/05/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/kg	660	17.472	06/05/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	660	33.003	06/05/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/kg	660	14.926	06/05/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/kg	3200	17.412	06/05/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/kg	660	17.890	06/05/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	1300	478.65	06/05/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/kg	3200	15.064	06/05/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	3200	90.982	06/05/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	660	14.168	06/05/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	1300	17.372	06/05/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/kg	1300	16.457	06/05/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	660	15.601	06/05/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/kg	660	14.925	06/05/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/kg	3200	10.447	06/05/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/kg	3200	17.890	06/05/98	WAW	100-02-7		U
Acenaphthene	ND	ug/kg	660	14.626	06/05/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/kg	660	17.153	06/05/98	WAW	208-96-8		U
Anthracene	ND	ug/kg	660	13.651	06/05/98	WAW	120-12-7		U

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601898837 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF7-1-3 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/kg	660	15.143	06/05/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	660	12.676	06/05/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	660	15.303	06/05/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	660	11.462	06/05/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	660	9.1142	06/05/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/kg	3200	13.134	06/05/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/kg	1300	25.750	06/05/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	660	18.327	06/05/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	660	42.267	06/05/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	660	19.800	06/05/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	660	7.9401	06/05/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	660	19.084	06/05/98	WAW	85-68-7		U
Chrysene	ND	ug/kg	660	18.984	06/05/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	660	31.442	06/05/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	660	15.701	06/05/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	660	15.382	06/05/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/kg	660	18.745	06/05/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/kg	660	12.716	06/05/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/kg	660	15.323	06/05/98	WAW	131-11-3		U
Fluoranthene	ND	ug/kg	660	15.701	06/05/98	WAW	206-44-0		U
Fluorene	ND	ug/kg	660	15.183	06/05/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/kg	660	17.989	06/05/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	660	27.780	06/05/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	660	19.561	06/05/98	WAW	77-47-4		U
Hexachloroethane	ND	ug/kg	660	29.551	06/05/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	660	12.119	06/05/98	WAW	193-39-5		U
Isophorone	ND	ug/kg	660	50.187	06/05/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	660	18.646	06/05/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	660	7.2038	06/05/98	WAW	86-30-6		U
Naphthalene	ND	ug/kg	660	18.805	06/05/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/kg	660	36.024	06/05/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/kg	3200	17.671	06/05/98	WAW	87-86-5		U

Pace Project Number: 6021841
Client Project ID: 980520-07

Pace Sample No.: 601888837 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF7-1-3 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenanthrene	ND	ug/kg	660	13.611	06/05/98	WAW	85-01-8		U
Phenol	ND	ug/kg	660	18.526	06/05/98	WAW	108-95-2		U
Pyrene	ND	ug/kg	660	9.6714	06/05/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	94	%			06/05/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	92	%			06/05/98	WAW	321-60-8		
2-Fluorophenol (S)	71	%			06/05/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	83	%			06/05/98	WAW	4165-60-0		
Phenol-d6 (S)	74	%			06/05/98	WAW	13127-88-3		
Terphenyl-d14 (S)	102	%			06/05/98	WAW	1718-51-0		
Date Extracted	05/29/98					WAW			
Total EPA 8270	ND								

Pace Project Number: 6021841
Client Project ID: 980520-07

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Viscous sample.Unable to analyze straight.

78-20-7 .25.2

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Company: PSI	Report To: Frank Ross	Turn around Time: [ ] 24 Hours [ ] 48 Hours [ ] 3-5 Days [ ] 1 Week [ ] 2 Weeks [ ] Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600 C		Pace Project No.
	Project Name / No: West Approach		*Requested Due Date: 6-3-98

Sampled By (PRINT): Scott Edwards

Sampler Signature: _____ Date Sampled: 5/19/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSIS REQUEST: CH2 Halids	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
T1-5-5	735	S	8647							X	X	X	X			
T1-5-3	740		8662													
T1-5-5	745		—													RUSH
T1-5-10	750															Archive
TNF8-2-5	805									X	X	X	X			
TNF8-2-3	810															
TNF8-2-5	815															RUSH
TNF8-2-10	820															Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/20		FE		
	FE			MSrulling	5/21/98	905

SAMPLE CONDITION

Temp °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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CHAIN-OF-CUSTODY RECORD
Analytical Request

ny	PSI
dress	1320 W. Winton Ave
	Hayward, CA 94545
ne	(510) 785-1111
Report To:	Frank Poss
Bill To:	
P.O. # / Billing Reference	575-80001
Project Name / No.	West Approach

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

Sampled By (PRINT): Scott Bonds
Sampler Signature:
Date Sampled: 5/19/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAP metals	TPH-5	BTEX	8260	8270	8080
TNF8-1-S	905	S	8688							X	X	X	X		
TNF8-1-3	910		8712												
TNF8-1-5	915		—												
TNF8-1-10	920														
TNF7-4-S	935											X			
TNF7-4-3	940														
TNF7-4-5	945														
TNF7-4-10	950														

REMARKS: Rush Archive RUSH Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnight			

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/19/98	1700	CA Overnight	5/19/98	1700
	REX			MStanley	5/21/98	905

SAMPLE CONDITION

Temp. ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

780520-01 42.5383

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Company: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No
Address: 1320 W. Winton Ave	Bill To: ←		Pace Project Manager
Hayward CA 94545	P.O. # / Billing Reference: 575-8G-001		Pace Project No.
Phone: (510) 785-1111	Project Name / No.: West Approach		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: ← Date Sampled: 5/19/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSIS REQUEST: C&E Metals	TPH-G	BTEX 8260	8270	8080	REMARKS
TNF7-2-S	1020	S	8178												RUSH
TNF7-2-3	1025		8179												Archive
TNF7-2-5	1030		—												
TNF7-2-10	1035														
TNF7-3-S	1050														
TNF7-3-3	1055														
TNF7-3-5	1100														
TNF7-3-10	1105	↓													

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← / PSI	5/19/98	1700	[signature]	5/19/98	1700
	[signature]			[signature]	5/21/98	905

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8-97

ace Analytical

T805 20 - 07 423.183

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CHAIN-OF-CUSTODY RECORD
Analytical Request

nt: PSI	Report To: Frank Poss
ress: 1320 W. Winton Ave	Bill To: ←
Hayward, CA 94545	P.O. # / Billing Reference: 575-86-001
ne: (510) 785-1111	Project Name / No.: West Approach

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No. 602184
*Requested Due Date:

pled By (PRINT): Scott Bowers
pler Signature
Date Sampled: 5/19/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	CAM metals	TPH-5	BTEX	8260	8270	8080
TNF7-1-5	1110	S	8811							X	X	X	X		
TNF7-1-3	1115		8857												
TNF7-1-5	1120		—												
TNF7-1-10	1125														
TNF6-2-5	1255											X	X		
TNF6-2-3	1300														
TNF6-2-5	1305														
TNF6-2-10	1310														

REMARKS
RUSH
Archive
RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

tional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/19/98	1700		5/19/98	1700
					5/20/98	905

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

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980520-07 423386

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Company: PSI	Report To: Frank Ross
Address: 320 W. Winton Ave Hayward, CA 94545	Bill To:
Phone: (510) 783-1111	P.O. # / Billing Reference: 575-8601
	Project Name / No.: West Approach

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date

Sampled By (PRINT): Scott Boward
Sampler Signature
Date Sampled: 5/19/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 1,1,1 methyls	TPH-15	BTEX	8260	8270	8690
TNF6-2-15	1315	S										NO			
TNF6-1-5	1405														
TNF6-1-3	1410														
TNF6-1-5	1415														
~~TNF6-1-10~~	~~1420~~	~~S~~													
TB															

REMARKS
Archive
Rush
Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/19/98		CH Onsite	5/19/98	1200

SAMPLE CONDITION

Temp: °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

June 17, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107519
Client Project ID: 980520.07

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on May 21, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

Ice Analytical Long Beach CA
660 Gilman Street
Long Beach, CA 90815

Pace Project Number: 107519
Client Project ID: 980520-07

Attn: Mr. Richard Villafania
Phone: (562)498-9515

All results are reported on a wet weight basis

Pace Sample No.: 10649002
Client Sample ID: TNFR-2-S

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA							
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	05/28/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	05/28/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	05/28/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	05/28/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	05/28/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	05/28/98	SAC	75-69-4	
Methylene Chloride	ND	ug/kg	5	05/28/98	SAC	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	05/28/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	05/28/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	05/28/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	05/28/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	05/28/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	05/28/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	05/28/98	SAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	05/28/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	05/28/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	05/28/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	05/28/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	05/28/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	05/28/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	05/28/98	SAC	78-87-5	
Bromodichloromethane	ND	ug/kg	5	05/28/98	SAC	75-27-4	
Dibromomethane	ND	ug/kg	5	05/28/98	SAC	74-95-3	
Toluene	ND	ug/kg	5	05/28/98	SAC	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	05/28/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	05/28/98	SAC	127-18-4	

Accu Project Number: 10519
Client Project ID: 980520 07

QC Sample No: 10619002
Client Sample ID: TNFH-2-5

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,3-Dichloropropane	ND	ug/kg	5	05/28/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	05/28/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	05/28/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	05/28/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	05/28/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	05/28/98	SAC	100-41-4	
M&P-Xylene	ND	ug/kg	5	05/28/98	SAC	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	05/28/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	05/28/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	05/28/98	SAC	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	05/28/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	05/28/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	05/28/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	05/28/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	05/28/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	05/28/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	05/28/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	05/28/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	05/28/98	SAC	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	05/28/98	SAC	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	05/28/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	05/28/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	05/28/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	05/28/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	05/28/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	05/28/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	05/28/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	05/28/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	05/28/98	SAC	87-68-3	
Naphthalene	ND	ug/kg	5	05/28/98	SAC	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	05/28/98	SAC	87-61-6	
trans-1,4-Dichloropropene	ND	ug/kg	5	05/28/98	SAC	10061-02-6	
cis-1,4-Dichloropropene	ND	ug/kg	5	05/28/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	05/28/98	SAC	110-75-8	
Acetone	8.5	ug/kg	20	05/28/98	SAC	67-64-1	
2-Butanone	ND	ug/kg	10	05/28/98	SAC	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	05/28/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	05/28/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	05/28/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	05/28/98	SAC	108-05-4	

Pace Project Number: 107510
Client Project ID: 980520-07

Pace Sample No: 10649002
Client Sample ID: TNPA-2-4
Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Methyl tert butyl ether	ND	ug/kg	5	05/28/98	SAC	1634-04 4	
Ethanol	ND	ug/kg	500	05/28/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	05/28/98	SAC	108-20 3	
Ethyl-tert butyl ether	ND	ug/kg	5	05/28/98	SAC	637-92 3	
tert-Amylmethyl ether	ND	ug/kg	5	05/28/98	SAC	994-05 8	
2-Methyl-2 propanol	ND	ug/kg	100	05/28/98	SAC	75-65-0	
Dibromofluoromethane (S)	106	%		05/28/98	SAC	1868-53 7	
Toluene-d8 (S)	104	%		05/28/98	SAC	2037-26 5	
4-Bromofluorobenzene (S)	102	%		05/28/98	SAC	460-00 4	
1,2-Dichloroethane-d4 (S)	122	%		05/20/98	SAC	17060-07-0	

PACE Project Number: 107519
Client Project ID: 980520-07

Lab Sample No: 1064v010 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNPV-4-5 Date Received: 05/21/98

Parameters	Results	Units	PQL		Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA								
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5		05/27/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5		05/27/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5		05/27/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5		05/27/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5		05/27/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5		05/27/98	SAC	75-69-4	
Methylene Chloride	3.1	ug/kg	5		05/27/98	SAC	75-09-2	1,2,3
1,1-Dichloroethene	ND	ug/kg	5		05/27/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5		05/27/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5		05/27/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5		05/27/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5		05/27/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5		05/27/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5		05/27/98	SAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5		05/27/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5		05/27/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5		05/27/98	SAC	563-58-6	
Benzene	ND	ug/kg	5		05/27/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5		05/27/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5		05/27/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5		05/27/98	SAC	78-87-5	
Dibromochloromethane	ND	ug/kg	5		05/27/98	SAC	75-27-4	
Dibromomethane	ND	ug/kg	5		05/27/98	SAC	74-95-3	
Toluene	ND	ug/kg	5		05/27/98	SAC	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5		05/27/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5		05/27/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5		05/27/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5		05/27/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5		05/27/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5		05/27/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5		05/27/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5		05/27/98	SAC	100-41-4	
M&P-Xylene	ND	ug/kg	5		05/27/98	SAC	7616-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5		05/27/98	SAC	95-47-6	
Styrene	ND	ug/kg	5		05/27/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5		05/27/98	SAC	75-25-2	

Pace Project Number: 107539
Client Project ID: 980520 07

Pace Sample No: 10649010 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNP7-4-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	05/27/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	05/27/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	05/27/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	05/27/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	05/27/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	05/27/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	05/27/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	05/27/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	05/27/98	SAC	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	05/27/98	SAC	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	05/27/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	05/27/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	05/27/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	05/27/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	05/27/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	05/27/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	05/27/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	05/27/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	05/27/98	SAC	87-68-3	
Naphthalene	ND	ug/kg	5	05/27/98	SAC	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	05/27/98	SAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	05/27/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	05/27/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	05/27/98	SAC	110-75-8	
Acetone	16	ug/kg	20	05/27/98	SAC	67-64-1	
2-Butanone	ND	ug/kg	10	05/27/98	SAC	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	05/27/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	05/27/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	05/27/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	05/27/98	SAC	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	05/27/98	SAC	1634-04-4	
Ethanol	ND	ug/kg	500	05/27/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	05/27/98	SAC	108-20-3	
Ethyl tert-butyl ether	ND	ug/kg	5	05/27/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	05/27/98	SAC	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	05/27/98	SAC	75-65-0	
Dibromofluoromethane (S)	103	%		05/27/98	SAC	1868-53-7	
Toluene-d8 (S)	102	%		05/27/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	100	%		05/27/98	SAC	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%		05/27/98	SAC	17060-07-0	

Pace Project Number: 107539
Client Project ID: 960520-07

Pace Sample No: 10649044 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID TNF6-2-10 Date Received: 06/21/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC Semi VOA							
PCBs in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.1	06/27/98	SAC	12674-11-2	
PCB 1221 (Aroclor 1221)	ND	mg/kg	0.1	06/27/98	SAC	11104-28-2	
PCB 1232 (Aroclor 1232)	ND	mg/kg	0.1	06/27/98	SAC	11141 16-5	
PCB 1242 (Aroclor 1242)	ND	mg/kg	0.1	06/27/98	SAC	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.1	06/27/98	SAC	12672-29-6	
PCB 1254 (Aroclor 1254)	ND	mg/kg	0.1	06/27/98	SAC	11097-69-1	
PCB 1260 (Aroclor 1260)	ND	mg/kg	0.1	06/27/98	SAC	11096-82-5	
Tetrachloro-meta-xylene (S)	82	%		06/27/98	SAC	877-09-8	
Decachlorobiphenyl (S)	42	%		06/27/98	SAC	2051 24-1	
Date Extracted				06/26/98			
GC/MS -- VOA							
GC/MS VOC's by 8260		Method: EPA 8260				Prep Method: EPA 8260	
Dichlorodifluoromethane	ND	ug/kg	5	06/28/98	SAC	75 71 8	
Chloromethane	ND	ug/kg	5	06/28/98	SAC	74 87 3	
Vinyl Chloride	ND	ug/kg	5	06/28/98	SAC	75 01-4	
Bromomethane	ND	ug/kg	5	06/28/98	SAC	74 83 9	
Chloroethane	ND	ug/kg	5	06/28/98	SAC	75 00 3	
Trichlorofluoromethane	ND	ug/kg	5	06/28/98	SAC	75 69 4	
Methylene Chloride	ND	ug/kg	5	06/28/98	SAC	75 09 2	
1,1 Dichloroethene	ND	ug/kg	5	06/28/98	SAC	75-35 4	
Trans 1,2-Dichloroethene	ND	ug/kg	5	06/28/98	SAC	156-60 5	
1,1 Dichloroethane	ND	ug/kg	5	06/28/98	SAC	75-34 3	
2,2 Dichloropropane	ND	ug/kg	5	06/28/98	SAC	594 20 7	
cis 1,2 Dichloroethene	ND	ug/kg	5	06/28/98	SAC	156 59 2	
Chloroform	ND	ug/kg	5	06/28/98	SAC	67 66 3	
Bromochloromethane	ND	ug/kg	5	06/28/98	SAC	74 97 5	
1,1,1 Trichloroethane	ND	ug/kg	5	06/28/98	SAC	71 55-6	
Carbon Tetrachloride	ND	ug/kg	5	06/28/98	SAC	56 23 5	
1,1 Dichloropropene	ND	ug/kg	5	06/28/98	SAC	563-58 6	
Benzene	ND	ug/kg	5	06/28/98	SAC	71-43 2	
1,2 Dichloroethane	ND	ug/kg	5	06/28/98	SAC	107 06-2	
Trichloroethene	ND	ug/kg	5	06/28/98	SAC	79-01 6	
1,2-Dichloropropane	ND	ug/kg	5	06/28/98	SAC	78-87 5	
Dibromochloromethane	ND	ug/kg	5	06/28/98	SAC	75 27-4	

Pace Project Number: 107539
Client Project ID: 980528-07

Pace Sample No: 10449044
Client Sample ID: TNFe-2-10

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Analyte	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	05/28/98	SAC	74-95-3	
Toluene	ND	ug/kg	5	05/28/98	SAC	108-88-3	
1,1,2 Trichloroethane	ND	ug/kg	5	05/28/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	05/28/98	SAC	127-18-4	
1,3 Dichloropropane	ND	ug/kg	5	05/28/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	05/28/98	SAC	124-48-1	
1,2 Dibromoethane	ND	ug/kg	5	05/28/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	05/28/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	05/28/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	05/28/98	SAC	100-41-4	
m&p-Xylene	ND	ug/kg	5	05/28/98	SAC	7816-60-0	
o-Xylene (1,2 Dimethylbenzene)	ND	ug/kg	5	05/28/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	05/28/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	05/28/98	SAC	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	05/28/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	05/28/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	05/28/98	SAC	108-86-1	
1,2,3 Trichloropropane	ND	ug/kg	5	05/28/98	SAC	96-18-4	
n-PropylBenzene	ND	ug/kg	5	05/28/98	SAC	103-65-1	
2-ChloroToluene	ND	ug/kg	5	05/28/98	SAC	95-49-8	
1,3,5 Trimethylbenzene	ND	ug/kg	5	05/28/98	SAC	108-67-8	
4-ChloroToluene	ND	ug/kg	5	05/28/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	05/28/98	SAC	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	05/28/98	SAC	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	05/28/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	05/28/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	05/28/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	05/28/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	05/28/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	05/28/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	05/28/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	05/28/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	05/28/98	SAC	87-68-3	
Naphthalene	ND	ug/kg	5	05/28/98	SAC	91-20-3	
1,2,3 Trichlorobenzene	ND	ug/kg	5	05/28/98	SAC	87-61-6	
trans 1,3-Dichloropropene	ND	ug/kg	5	05/28/98	SAC	10061-02-6	
cis 1,3-Dichloropropene	ND	ug/kg	5	05/28/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	05/28/98	SAC	110-75-8	
Acetone	12	ug/kg	50	05/28/98	SAC	67-64-1	J
2-Butanone	ND	ug/kg	10	05/28/98	SAC	78-93-3	

Pace Project Number: 107519
Client Project ID: 980520-07

ce Sample No: 10649044
Client Sample ID: TNP6-2 10
Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: Soil

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2 Pentanone	ND	ug/kg	10	05/28/98	NAC	108 10-1	
Carbon Disulfide	ND	ug/kg	10	05/28/98	NAC	75-15-0	
2-Hexanone	ND	ug/kg	100	05/28/98	NAC	591 78-6	
Vinyl Acetate	ND	ug/kg	100	05/28/98	NAC	108-05-4	
Methyl-tert butyl ether	ND	ug/kg	5	05/28/98	NAC	1634-04-4	
Ethanol	ND	ug/kg	500	05/28/98	NAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	05/28/98	NAC	108 20-3	
Ethyl tert Butyl ether	ND	ug/kg	5	05/28/98	NAC	637 92-3	
tert-Amylmethyl ether	ND	ug/kg	5	05/28/98	NAC	994 05-8	
2 Methyl-2-propanol	ND	ug/kg	100	05/28/98	NAC	75 65-0	
Dibromofluoromethane (S)	104	%		05/28/98	NAC	1868 53-7	
Toluene-d8 (S)	104	%		05/28/98	NAC	2037 26-5	
4-Bromofluorobenzene (S)	104	%		05/28/98	NAC	460 00-4	
1,2 Dichloroethane-d4 (S)	120	%		05/28/98	NAC	17060-07-0	

Pace Project Number: 107519
Client Project ID: 980520-07

NUMETER FOOTNOTES

ND	Not Detected
C	Not Calculable
RL	Pace Reporting Limit
S	Surrogate
[1]	Detected but below the PRL, therefore, result is an estimated concentration (CLP J-Flag).
[2]	Common laboratory contaminant.
[3]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).

QUALITY CONTROL DATA

DATE: 06/17/98
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Ce Analytical Long Beach QC
60 Gilman Street
Long Beach, CA 90813

Each Project Number: 107519
Client Project ID: 980520-07

...tn: Mr. Richard Villafania
Phone: (562)498-9515

Batch ID: 12820
Analysis Method: EPA 8080
Associated Each Samples: 10649002

QC Batch Method: EPA 3550
Analysis Description: PCBs in Soil, Low Level
10649044

METHOD BLANK 10651989
Associated Batch Samples:

		10649002	10649044
			Method Blank
Parameter	Units	Result	PRL	Footnotes
PCB-1016 (Aroclor 1016)	mg/kg	ND	0.1	
PCB 1221 (Aroclor 1221)	mg/kg	ND	0.1	
PCB-1232 (Aroclor 1232)	mg/kg	ND	0.1	
PCB-1242 (Aroclor 1242)	mg/kg	ND	0.1	
PCB-1248 (Aroclor 1248)	mg/kg	ND	0.1	
PCB 1254 (Aroclor 1254)	mg/kg	ND	0.1	
PCB 1260 (Aroclor 1260)	mg/kg	ND	0.1	
Surrogate: meta-xylene (S)	%	99		
Surrogate: Decachlorobiphenyl (S)	%	96		

LABORATORY CONTROL SAMPLE & LCSD: 10651990 10652000

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec.	LCSD Result	Spike Dup % Rec.	RPD	Footnotes
PCB-1016 (Aroclor 1016)	mg/kg	0.14	0.1159	99.1	0.1189	95.7	4	
PCB-1260 (Aroclor 1260)	mg/kg	0.14	0.1137	96.5%	0.1097	89.1	5	
Surrogate: meta-xylene (S)				101		97		
Surrogate: Decachlorobiphenyl (S)				98		91		

...ce Analytical Long Beach BC
...60 Gilman Street
Long Beach, CA 90815

Pace Project Number: 107549
Client Project ID: 980520-07

...ion: Mr. Richard Villafana
Phone: (562)498-9516

...Batch ID: 12954
...alysis Method: EPA 8260
...ociated Pace Samples: 10649002

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260
10649044

METHOD BLANK: 10649042
...ociated Pace Samples:

Parameter	Units	10649002	10649044 Method Blank Result	PQL	Footnotes
Dichlorodifluoromethane	ug/kg		ND	5	
Chloromethane	ug/kg		ND	5	
...yl Chloride	ug/kg		ND	5	
...romethane	ug/kg		ND	5	
...oroethane	ug/kg		ND	5	
Trichlorofluoromethane	ug/kg		ND	5	
Methylene Chloride	ug/kg		ND	5	
...Dichloroethene	ug/kg		ND	5	
...1,2-Dichloroethene	ug/kg		ND	5	
...Dichloroethane	ug/kg		ND	5	
2,2-Dichloropropane	ug/kg		ND	5	
...-1,2-Dichloroethene	ug/kg		ND	5	
...roform	ug/kg		ND	5	
...promochloromethane	ug/kg		ND	5	
...,1-Trichloroethane	ug/kg		ND	5	
Carbon Tetrachloride	ug/kg		ND	5	
...-Dichloropropene	ug/kg		ND	5	
...zene	ug/kg		ND	5	
...Dichloroethane	ug/kg		ND	5	
Trichloroethene	ug/kg		ND	5	
...,2-Dichloropropane	ug/kg		ND	5	
...promochloromethane	ug/kg		ND	5	
...romethane	ug/kg		ND	5	
...,2-Trichloroethane	ug/kg		ND	5	

Pace Project Number: 107519
Client Project ID: 980520-07

METHOD BLANK 10660882
Associated Pace Samples:

Parameter	Units	10649005 Method Blank Result	PQL	Footnotes
Tetrachloroethene	ug/kg	ND	5	
1,2-Dichloropropane	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
2,2-Dibromopropane	ug/kg	ND	5	
Chlorobenzene	ug/kg	ND	5	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5	
Ethylbenzene	ug/kg	ND	5	
m-Xylene	ug/kg	ND	5	
Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
Bromoform	ug/kg	ND	5	
Isopropylbenzene (Cumene)	ug/kg	ND	5	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
1,2,3-Trichloropropane	ug/kg	ND	5	
n-Propylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
1,3,5-Trimethylbenzene	ug/kg	ND	5	
4-Chlorotoluene	ug/kg	ND	5	
tert-Butylbenzene	ug/kg	ND	5	
1,2,4-Trimethylbenzene	ug/kg	ND	5	
sec-Butylbenzene	ug/kg	ND	5	
p-Isopropyltoluene	ug/kg	ND	5	
1,3-Dichlorobenzene	ug/kg	ND	5	
1,4-Dichlorobenzene	ug/kg	ND	5	
n-Butylbenzene	ug/kg	ND	5	
1,2-Dichlorobenzene	ug/kg	ND	5	
1,2-Dibromo-3-Chloropropane	ug/kg	ND	5	
1,2,4-Trichlorobenzene	ug/kg	ND	5	
Hexachlorobutadiene	ug/kg	ND	5	
Naphthalene	ug/kg	ND	5	
1,2,3-Trichlorobenzene	ug/kg	ND	5	
Total 1,3,5-Dichloropropene	ug/kg	ND	5	
cis-1,3-Dichloropropene	ug/kg	ND	5	
2-Chloroethyl Vinyl Ether	ug/kg	ND	5	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	10	
Methyl 2-Pentanone	ug/kg	ND	10	

Pace Project Number: 1075519
Client Project ID: WR0520-07

METHOD BLANK: 10650882
Associated Pace Samples:

Parameter	Units	10649032 Method Blank Result	PQL	Footnotes
...bon Disulfide	ug/kg	ND	10	
...hanone	ug/kg	ND	100	
...tyl Acetate	ug/kg	ND	100	
Methyl-tert-butyl Ether	ug/kg	ND	5	
Ethanol	ug/kg	ND	500	
...propyl Ether	ug/kg	ND	5	
...yl tert butyl ether	ug/kg	ND	5	
...t-Amylmethyl ether	ug/kg	ND	5	
...-Methyl-2-propanol	ug/kg	ND	100	
...bromofluoromethane (S)	%	104		
...uene-d8 (S)	%	102		
...romofluorobenzene (S)	%	100		
...,2-Dichloroethane-d4 (S)	%	116		

MATRIX CONTROL SAMPLE: 10650890

Parameter	Units	Spike Conc.	10649032 Result	Spike % Rec	Footnotes
...chlorodifluoromethane	ug/kg	50	17.00	34.0	
...oromethane	ug/kg	50	41.00	82.0	
...yl Chloride	ug/kg	50	50.00	100	
...promomethane	ug/kg	50	55.00	110	
Chloroethane	ug/kg	50	54.00	108	
...chlorofluoromethane	ug/kg	50	51.00	102	
...ylene Chloride	ug/kg	50	44.00	88.0	
...-Dichloroethene	ug/kg	50	53.00	106	
...ans-1,2-Dichloroethene	ug/kg	50	54.00	108	
...,1-Dichloroethane	ug/kg	50	55.00	110	
...-Dichloropropane	ug/kg	50	60.00	120	
...,2-Dichloroethene	ug/kg	50	54.00	108	
...roform	ug/kg	50	54.00	108	
...omochloromethane	ug/kg	50	54.00	108	
...,1-Trichloroethane	ug/kg	50	58.00	116	
...bon Tetrachloride	ug/kg	50	55.00	110	
...Dichloropropene	ug/kg	50	57.00	114	
...zene	ug/kg	50	56.00	112	
...,2-Dichloroethane	ug/kg	50	62.00	124	

PACE Project Number: 1075.9
Client Project ID: 980520-07

LABORATORY CONTROL SAMPLE: 106\6890

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichloroethene	ug/kg	50	57.00	114	
1,2-Dichloropropane	ug/kg	50	53.00	106	
Bromodichloromethane	ug/kg	50	54.00	108	
Tribromomethane	ug/kg	50	53.00	106	
Toluene	ug/kg	50	54.00	108	
cis-1,3 Trichloroethane	ug/kg	50	54.00	108	
Tetrachloroethene	ug/kg	50	49.00	98.0	
1,3 Dichloropropane	ug/kg	50	53.00	106	
Dibromochloromethane	ug/kg	50	49.00	98.0	
1,2 Dibromoethane	ug/kg	50	55.00	110	
Chlorobenzene	ug/kg	50	54.00	108	
1,1,1,2-Tetrachloroethane	ug/kg	50	52.00	104	
Ethylbenzene	ug/kg	50	56.00	112	
m,p-Xylene	ug/kg	100	110.0	110	
Xylene (o,p-Dimethylbenzene)	ug/kg	50	56.00	112	
Styrene	ug/kg	50	58.00	116	
Bromoform	ug/kg	50	52.00	104	
Isopropylbenzene (Cumene)	ug/kg	50	56.00	112	
1,1,2,2-Tetrachloroethane	ug/kg	50	51.00	102	
Bromobenzene	ug/kg	50	53.00	106	
1,2,3-Trichloropropane	ug/kg	50	55.00	110	
n-Propylbenzene	ug/kg	50	52.00	104	
2-Chlorotoluene	ug/kg	50	53.00	106	
1,3,5-Trimethylbenzene	ug/kg	50	52.00	104	
4-Chlorotoluene	ug/kg	50	54.00	108	
1,2,4-Trimethylbenzene	ug/kg	50	54.00	108	
tert-Butylbenzene	ug/kg	50	53.00	106	
1,2-Dichloropropane	ug/kg	50	48.00	96.0	
1,4-Dichlorobenzene	ug/kg	50	52.00	104	
1,3-Dichlorobenzene	ug/kg	50	52.00	104	
sec-Butylbenzene	ug/kg	50	51.00	102	
1,2-Dichlorobenzene	ug/kg	50	56.00	112	
1,2-Dibromo-3-Chloropropane	ug/kg	50	54.00	108	
1,2,4-Trichlorobenzene	ug/kg	50	52.00	104	
Hexachlorobutadiene	ug/kg	50	57.00	114	
Naphthalene	ug/kg	50	53.00	106	
1,2,3-Trichlorobenzene	ug/kg	50	54.00	108	
cis 1,3-Dichloropropene	ug/kg	50	57.00	114	
trans-1,3-Dichloropropene	ug/kg	50	57.00	114	
Dibromofluoromethane (S)			56.00	112	
				102	

Ware Project Number: 10758
Client Project ID: 980520-07

LABORATORY CONTROL SAMPLE: 10656890

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Toluene-d8 (S)				100	
4-Bromofluorobenzene (S)				104	
1,2-Dichloroethane-d4 (S)				114	

QUALITY CONTROL DATA

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Test Analytical Lone Beach SC
4960 Gilman Street
Long Beach, CA 90815

Pace Project Number: 107539
Client Project ID: 980520.07

Attn: Mr. Richard Villafania
Phone: (562)490-9515

QC Batch ID: 12906
Analysis Method: EPA 8260
QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260
Associated Pace Samples: 10649010

METHOD BLANK: 106906
Associated Pace Samples:
10649010

Parameter	Units	Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/kg	ND	5	
Chloromethane	ug/kg	ND	5	
Vinyl Chloride	ug/kg	ND	5	
Bromomethane	ug/kg	ND	5	
Trichlorofluoromethane	ug/kg	ND	5	
Methylene chloride	ug/kg	6.8	5	J
1,1-Dichloroethene	ug/kg	ND	5	
trans-1,2-Dichloroethene	ug/kg	ND	5	
1,1-Dichloroethane	ug/kg	ND	5	
2,2-Dichloropropane	ug/kg	ND	5	
cis-1,2-Dichloroethene	ug/kg	ND	5	
Chloroform	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,1,1-Trichloroethane	ug/kg	ND	5	
Carbon Tetrachloride	ug/kg	ND	5	
1,1-Dichloropropene	ug/kg	ND	5	
Benzene	ug/kg	ND	5	
1,2-Dichloroethane	ug/kg	ND	5	
Trichloroethene	ug/kg	ND	5	
1,2-Dichloropropane	ug/kg	ND	5	
Dibromomethane	ug/kg	ND	5	
Toluene	ug/kg	ND	5	
1,1,2-Trichloroethane	ug/kg	ND	5	

Weck Project Number: 107539
Client Project ID: 980520-07

METHOD BLANK: 10656908
Associated Pace Samples:
10649010

Parameter	Units	Method Blank Result	PRL	Footnotes
Trichlorofluoro	ug/kg	ND	5	
3 Dichloropropane	ug/kg	ND	5	
Dibromochloromethane	ug/kg	ND	5	
1,2-Dibromoethane	ug/kg	ND	5	
Chlorobenzene	ug/kg	ND	5	
1,1,1,2 Tetrachloroethane	ug/kg	ND	5	
Ethylbenzene	ug/kg	ND	5	
P-Xylene	ug/kg	ND	5	
O Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
Bromoform	ug/kg	ND	5	
Isopropylbenzene (Cumene)	ug/kg	ND	5	
1,1,2,2 Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
1,2,3-Trichloropropane	ug/kg	ND	5	
Propylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
1,3,5 Trimethylbenzene	ug/kg	ND	5	
4-Chlorotoluene	ug/kg	ND	5	
Tert-Butylbenzene	ug/kg	ND	5	
1,2,4-Trimethylbenzene	ug/kg	ND	5	
Sec-Butylbenzene	ug/kg	ND	5	
P-Isopropyltoluene	ug/kg	ND	5	
1,3-Dichlorobenzene	ug/kg	ND	5	
4-Dichlorobenzene	ug/kg	ND	5	
Butylbenzene	ug/kg	ND	5	
2 Dichlorobenzene	ug/kg	ND	5	
1,2-Dibromo 3-Chloropropane	ug/kg	ND	5	
1,2,4 Trichlorobenzene	ug/kg	ND	5	
Hexachlorobutadiene	ug/kg	ND	5	
Naphthalene	ug/kg	ND	5	
1,2,3-Trichlorobenzene	ug/kg	ND	5	
Trans 1,3 Dichloropropene	ug/kg	ND	5	
Cis-1,3 Dichloropropene	ug/kg	ND	5	
Chloroethyl Vinyl Ether	ug/kg	ND	5	
Acetone	ug/kg	8.4	20	
Butanone	ug/kg	ND	10	
4-Methyl 2 Pentanone	ug/kg	ND	10	

Pace Project Number: 107539
Client Project ID: 980520 07

METHOD BLANK 10656908
Associated Pace Samples:
10649013

Parameters	Units	Method Blank Result	PQL	Footnotes
...thon Disulfide	ug/kg	ND	10	
Ketanone	ug/kg	ND	100	
...yl Acetate	ug/kg	ND	100	
Methyl-tert butyl Ether	ug/kg	ND	5	
Ethanol	ug/kg	ND	500	
...propyl Ether	ug/kg	ND	5	
...yl-tert butyl ether	ug/kg	ND	5	
...n Amylmethyl ether	ug/kg	ND	5	
2-Methyl-2-propanol	ug/kg	ND	100	
Dibromofluoromethane (S)	%	102		
...ene-d8 (S)	%	102		
Bromofluorobenzene (S)	%	100		
...2 Dichloroethane-d4 (S)	%	110		

LABORATORY CONTROL SAMPLE 10656914

...ameters	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
...chlorodifluoromethane	ug/kg	50	38.00	76.0	
...oromethane	ug/kg	50	44.00	88.0	
...yl Chloride	ug/kg	50	47.00	94.0	
...omomethane	ug/kg	50	42.00	84.0	
Chloroethane	ug/kg	50	49.00	98.0	
...richlorofluoromethane	ug/kg	50	46.00	92.0	
...hylene Chloride	ug/kg	50	48.00	96.0	
...Dichloroethene	ug/kg	50	47.00	94.0	
...ans-1,2-Dichloroethene	ug/kg	50	48.00	96.0	
1,1-Dichloroethane	ug/kg	50	52.00	104	
...Dichloropropane	ug/kg	50	51.00	102	
...s-1,2-Dichloroethene	ug/kg	50	49.00	98.0	
...oroform	ug/kg	50	50.00	100	
Bromochloromethane	ug/kg	50	48.00	96.0	
...2,3-Trichloropropane	ug/kg	50	51.00	102	
...Dibromoethane	ug/kg	50	49.00	98.0	
...chloropropene	ug/kg	50	51.00	102	
...ene	ug/kg	50	51.00	102	
1,2-Dichloroethane	ug/kg	50	57.00	114	

Paun Project Number: 107539
Client Project ID: 980520-07

LABORATORY CONTROL SAMPLE: 10656916

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Chloroethane	ug/kg	50	50.00	100	
1,2-Dichloropropane	ug/kg	50	50.00	100	
Bromodichloromethane	ug/kg	50	50.00	100	
Dibromomethane	ug/kg	50	50.00	100	
Toluene	ug/kg	50	48.00	96.0	
1,1,2-Trichloroethane	ug/kg	50	50.00	100	
Tetrachloroethene	ug/kg	50	44.00	88.0	
1,3-Dichloropropane	ug/kg	50	54.00	108	
Dibromochloromethane	ug/kg	50	48.00	96.0	
1,2-Dibromoethane	ug/kg	50	50.00	100	
Chlorobenzene	ug/kg	50	48.00	96.0	
1,1,1,2-Tetrachloroethane	ug/kg	50	46.00	92.0	
Ethylbenzene	ug/kg	50	49.00	98.0	
m,p-Xylenes	ug/kg	100	97.00	97.0	
o-Xylene (1,2-Dimethylbenzene)	ug/kg	50	50.00	100	
Styrene	ug/kg	50	50.00	100	
Bromoform	ug/kg	50	45.00	90.0	
Isopropylbenzene (Cumene)	ug/kg	50	49.00	98.0	
1,1,2,2-Tetrachloroethane	ug/kg	50	50.00	100	
Bromobenzene	ug/kg	50	49.00	98.0	
1,2,3-Trichloropropane	ug/kg	50	55.00	110	
n-Propylbenzene	ug/kg	50	49.00	98.0	
2-Chlorotoluene	ug/kg	50	50.00	100	
1,3,5-Trimethylbenzene	ug/kg	50	49.00	98.0	
4-Chlorotoluene	ug/kg	50	48.00	96.0	
1,2,4-Trimethylbenzene	ug/kg	50	49.00	98.0	
tert-Butylbenzene	ug/kg	50	49.00	98.0	
1,2,4-Trimethylbenzene	ug/kg	50	44.00	88.0	
sec-Butylbenzene	ug/kg	50	47.00	94.0	
1,3-Dichlorobenzene	ug/kg	50	46.00	92.0	
4-Isopropyltoluene	ug/kg	50	47.00	94.0	
1,4-Dichlorobenzene	ug/kg	50	48.00	96.0	
n-Butylbenzene	ug/kg	50	50.00	100	
1,2-Dichlorobenzene	ug/kg	50	48.00	96.0	
1,2-Dibromo-3-Chloropropane	ug/kg	50	45.00	90.0	
1,2,4-Trichlorobenzene	ug/kg	50	46.00	92.0	
Hexachlorobutadiene	ug/kg	50	45.00	90.0	
Naphthalene	ug/kg	50	48.00	96.0	
1,2,3-Trichlorobenzene	ug/kg	50	30.00	60.0	
cis-1,3-Dichloropropene	ug/kg	50	52.00	104	
trans-1,3-Dichloropropene	ug/kg	50	51.00	102	
Dibromofluoromethane (S)				102	

LABORATORY CONTROL SAMPLE: 10658916

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Fluorobenzene (S)				103	
4-Bromofluorobenzene (S)				104	
1,2-Dichloroethane-d4 (S)				124	

Pace Project Number: 107519
Client Project ID: 980520-07

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to Calculate % Rec and RPD values.

	Not Detected
	Not Calculable
PQL	Pace Reporting Limit
RPD	Relative Percent Difference
(S)	Surrogate
[ ]	Common laboratory contaminant.
J	Detected but below the PQL; therefore, result is an estimated concentration (CLP J-Flag).

May 28, 1998

Mr. Richard Villafania
Pace Analytical Long Beach Inc
1960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107579
Client Project ID: 980520-07

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on May 21, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

Pace Analytical

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980520-07 423372
Page 1 of 5

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI
Address: 1320 W. Winton Ave
Hayward, CA 94545
Phone: (510) 785-1111

Report To: Frank Ross
Bill To:
P.O. # / Billing Reference: 575-8600 C
Project Name / No.: West Approach

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6-3-98

Sampled By (PRINT): Scott Bond
Sampler Signature:
Date Sampled: 5/19/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-D	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	T1-5-5	735	S								X	X	X	X			
2	T1-5-3	740															
3	T1-5-5	745															RUSH
4	T1-5-10	750															Archive
5	TNF8-2-5	805									X	X	X	X			
6	TNF8-2-3	810															
7	TNF8-2-5	815															RUSH
8	TNF8-2-10	820	V														Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
		5/20				

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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980520-07
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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O # / Billing Reference: 575-80-001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date:
Sampler Signature:	Date Sampled: 5/14/08		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	8260	8270	8080	REMARKS
1	TNF8-1-5	905	S		3						X	X	X	X			
2	TNF8-1-3	910															
3	TNF8-1-5	915															Rush
4	TNF8-1-10	920															Archive
5	TNF7-4-5	935											X				
6	TNF7-4-3	940															
7	TNF7-4-5	945															RUSH
8	TNF7-4-10	950															Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnite			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/14/08	1700	CA Overnite	5/14/08	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O # / Billing Reference: 575-8601		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date:
Sampler Signature: ←	Date Sampled: 5/19/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM metals	TPH-5	BTEX	8260	6270	8080	REMARKS
1	TNF7-2-5	1020	S								X	X	X	X			
2	TNF7-2-3	1025											↓				
3	TNF7-2-5	1030												↓			RUSH
4	TNF7-2-10	1035															Archive
5	TNF7-3-5	1050															
6	TNF7-3-3	1055															
7	TNF7-3-5	1100															
8	TNF7-3-10	1105	↓								↓	↓					

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← / PSI	5/19/98	1700		5/19/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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980520-07 423385

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date:
Sampler Signature:	Date Sampled: 5/19/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CLP metals	TPH-5	BTEX	8260	8270	8080	REMARKS
1	TNF7-1-5	1110	S								X	X	X	X			
2	TNF7-1-3	1115															
3	TNF7-1-5	1120															RUSH
4	TNF7-1-10	1125															Archive
5	TNF6-2-5	1255											X	X			
6	TNF6-2-3	1300															
7	TNF6-2-5	1305															
8	TNF6-2-10	1310	↓								↓	↓	↓	↓			RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	/ PSI	5/19/98	1700		5/19/98	1700

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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980520-07 423386

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O # / Billing Reference: 575-86a(		Pace Project No.
Sampled By (PRINT): Scott Tsomaya	Project Name / No.: West Approach		*Requested Due Date:
Sample Signature:	Date Sampled: 5/19/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CLL metals	TPH-5	BTEX	8260	8270	8080
1	TNF6-2-15	1315	S											NO		
2	TNF6-1-5	1405														
3	TNF6-1-3	1410														
4	TNF6-1-5	1415														
5	~~TNF6-1-10~~	~~1420~~												no		
6	S.D.															
7																
8																

REMARKS: Archive

RUSH

Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/19/98		CH Overnite	5/19/98	1700

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-6400
Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649069 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF8-2-3 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	124	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/02/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649077 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF7-4-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

June 4, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107539
Client Project ID: 980520-07

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107539
Client Project ID: 980520-07

Pace Sample No.: 10649002 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF8-2-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107539
Client Project ID: 980520-07

Pace Sample No.: 10649002 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF8-Z-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/28/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107539
Client Project ID: 980520-07

Pace Sample No.: 10649002
Client Sample ID: TNF8-2-5

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/28/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/28/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/28/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107539
Client Project ID: 980520-07

Pace Sample No.: 10649002 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF8-2-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloromethane-d4 (S)	122	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	106	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/28/98	SAC	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107539
Client Project ID: 980520-07

Pace Sample No.: 10649010 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF7-4-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/27/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/27/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/27/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/27/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/27/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/27/98	SAC	78-93-3		U

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Pace Project Number: 107539
Client Project ID: 980520-07

Pace Sample No.: 10649010
Client Sample ID: TNF7-4-5

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/27/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/27/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/27/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/27/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/27/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/27/98	SAC	67-64-1	†	J
Benzene	ND	ug/kg	5	*	05/27/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/27/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/27/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/27/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/27/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/27/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/27/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/27/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/27/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/27/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/27/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-71-8		U

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Pace Analytical

Pace Project Number: 107539
Client Project ID: 980520-07

Pace Sample No.: 10849010
Client Sample ID: TNF7-4-5

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/27/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/27/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/27/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/27/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/27/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/27/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/27/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/27/98	SAC	1634-04-4		U
Methylene Chloride	trace	ug/kg	5	*	05/27/98	SAC	75-09-2	1,2,3	JB
n-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/27/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/27/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/27/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/27/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/27/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/27/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/27/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/27/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/27/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/27/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/27/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/27/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/27/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107539
Client Project ID: 980520-07

Pace Sample No.: 10649010 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF7-4-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100		05/27/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/27/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	112	%		*	05/27/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/27/98	SAC	460-00-4		
Dibromofluoromethane (S)	100	%		*	05/27/98	SAC	1868-53-7		
Toluene-d8 (S)	102	%		*	05/27/98	SAC	2037-26-5		
Total EPA 8250	ND								

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Pace Project Number: 107539
Client Project ID: 980520-07

Pace Sample No.: 10649044 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF6-2-10 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	ug/kg	0.1	*	05/27/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	0.1	*	05/27/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	0.1	*	05/27/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	0.1	*	05/27/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	0.1	*	05/27/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	0.1	*	05/27/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	0.1	*	05/27/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	82	%		*	05/27/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	82	%		*	05/27/98	SAC	877-09-8		
Date Extracted	05/26/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107539
Client Project ID: 980520-07

Pace Sample No.: 10649044 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF6-2-10 Date Received: 05/21/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	05/28/98	SAC	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	05/28/98	SAC	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	05/28/98	SAC	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	05/28/98	SAC	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	05/28/98	SAC	594-20-7		U
2-Butanone	ND	ug/kg	10	*	05/28/98	SAC	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107539
Client Project ID: 980520-07

Pace Sample No.: 10649044 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF6-2-10 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	05/28/98	SAC	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	05/28/98	SAC	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	05/28/98	SAC	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	05/28/98	SAC	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	05/28/98	SAC	108-10-1		U
Acetone	trace	ug/kg	20	*	05/28/98	SAC	67-64-1	1	J
Benzene	ND	ug/kg	5	*	05/28/98	SAC	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	05/28/98	SAC	75-27-4		U
Bromoform	ND	ug/kg	5	*	05/28/98	SAC	75-25-2		U
Bromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	05/28/98	SAC	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	05/28/98	SAC	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	05/28/98	SAC	108-90-7		U
Chloroethane	ND	ug/kg	5	*	05/28/98	SAC	75-00-3		U
Chloroform	ND	ug/kg	5	*	05/28/98	SAC	67-66-3		U
Chloromethane	ND	ug/kg	5	*	05/28/98	SAC	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	05/28/98	SAC	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	05/28/98	SAC	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107539
Client Project ID: 980520-07

Pace Sample No.: 10649044 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF6-2-10 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	05/28/98	SAC	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	05/28/98	SAC	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	05/28/98	SAC	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	05/28/98	SAC	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	05/28/98	SAC	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	05/28/98	SAC	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	05/28/98	SAC	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	05/28/98	SAC	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	05/28/98	SAC	103-65-1		U
Naphthalene	ND	ug/kg	5	*	05/28/98	SAC	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	05/28/98	SAC	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	05/28/98	SAC	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	135-98-8		U
Styrene	ND	ug/kg	5	*	05/28/98	SAC	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	05/28/98	SAC	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	05/28/98	SAC	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	05/28/98	SAC	127-18-4		U
Toluene	ND	ug/kg	5	*	05/28/98	SAC	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	05/28/98	SAC	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	05/28/98	SAC	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	05/28/98	SAC	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	05/28/98	SAC	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107539
Client Project ID: 980520-07

Pace Sample No.: 10649044 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF6-2-10 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	05/28/98	SAC	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	05/28/98	SAC	75-01-4		U
1,2-Dichloroethane-d4 (S)	120	%		*	05/28/98	SAC	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	05/28/98	SAC	460-00-4		
Dibromofluoromethane (S)	104	%		*	05/28/98	SAC	1868-53-7		
Toluene-d8 (S)	104	%		*	05/28/98	SAC	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107539
Client Project ID: 980520-07

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[2]	Common laboratory contaminant.
[3]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).

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June 4, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107637
Client Project ID: 980520-07

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

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DATE: 06/10/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107637
Client Project ID: 980520-07 re-run of PCB

Attn: Mr.RichardVillafania
Phone: (562)498-9515

Pace Sample No.: 10657765
Client Sample ID: TNF-8-2-5

Date Collected: 05/19/98
Date Received: 05/29/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	*	06/03/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	*	06/03/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/03/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/03/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/03/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/03/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	*	06/03/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	97	%		*	06/03/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	106	%		*	06/03/98	SAC	877-09-8		
Date Extracted	05/29/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Fax: 612-617-6444

Pace Project Number: 107637
Client Project ID: 980520-07 re-run o

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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June 4, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107540
Client Project ID: 980520-07

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

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DATE: 06/10/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Attn: Mr.RichardVillafania
Phone: (562)498-9515

Pace Sample No.: 10649051
Client Sample ID: TNF8-2-SR

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	*	05/30/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/30/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/30/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/30/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/30/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/30/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	*	05/30/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	74	%		*	05/30/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	60	%		*	05/30/98	SAC	877-09-8		
Date Extracted	05/28/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649051 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF8-2-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/01/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/01/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/01/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/01/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/01/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/01/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/01/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649051
Client Sample ID: TNF8-2-SR

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/01/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/01/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/01/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/01/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/01/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/01/98	TAW	67-64-1	1,2	JB
Benzene	ND	ug/kg	5	*	06/01/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/01/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/01/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/01/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/01/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/01/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/01/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/01/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/01/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/01/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/01/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649051 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF8-2-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/01/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/01/98	TAW	637-92-3		U
Ethylbenzene	trace	ug/kg	5	*	06/01/98	TAW	100-41-4	1	J
Hexachlorobutadiene	ND	ug/kg	5	*	06/01/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/01/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/01/98	TAW	98-82-8		U
M&P-Xylene	9.8	ug/kg	5	*	06/01/98	TAW	7816-60-0		
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/01/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/01/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/01/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	trace	ug/kg	5	*	06/01/98	TAW	95-47-6	1	J
p-Isopropyltoluene	ND	ug/kg	5	*	06/01/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/01/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/01/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/01/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/01/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/01/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/01/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/01/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/01/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/01/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649051 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF8-2-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/01/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/01/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/01/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/01/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/01/98	TAW	1868-53-7		
Toluene-d8 (S)	104	%		*	06/01/98	TAW	2037-26-5		
Total EPA 8260	9.8								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649069 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF8-2-3 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	*	05/29/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/29/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/29/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/29/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/29/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/29/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	*	05/29/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	82	%		*	05/29/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	84	%		*	05/29/98	SAC	877-09-8		
Date Extracted	05/28/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649069 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF8-2-3 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649069 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF8-Z-3 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/02/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/02/98	TAW	67-64-1	1,2	JB
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649069 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF8-2-3 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/02/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649077
Client Sample ID: TNF7-4-SR

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/02/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649085
Client Sample ID: TNF7-4-3
Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: Soil

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649085
Client Sample ID: TNF7-4-3
Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	trace	ug/kg	100	*	06/02/98	TAW	75-65-0	1	J
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/02/98	TAW	67-64-1	1,2	JB
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649085
Client Sample ID: TNF7-4-3
Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	5.9	ug/kg	5	*	06/02/98	TAW	91-20-3	2	B
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649085
Client Sample ID: TNF7-4-3

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	122	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	104	%		*	06/02/98	TAW	2037-26-5		

Total EPA 8260 5.9

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649093
Client Sample ID: TNF6-2-SR
Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	*	05/29/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/29/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/29/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/29/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/29/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/29/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	*	05/29/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	86	%		*	05/29/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	85	%		*	05/29/98	SAC	877-09-8		
Date Extracted	05/28/98			*		SAC			
Total EPA 8080	**ND**								

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10849093 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF6-2-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649093 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF6-2-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/02/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/02/98	TAW	67-64-1	1,2	JB
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649093
Client Sample ID: TNF6-2-SR

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/02/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649093
Client Sample ID: TNF6-2-SR
Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	124	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	50	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	104	%		*	06/02/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649101
Client Sample ID: TNF6-2-3
Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	*	05/30/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/30/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/30/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/30/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/30/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/30/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	*	05/30/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	95	%		*	05/30/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	86	%		*	05/30/98	SAC	877-09-8		
Date Extracted	05/28/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649101 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF6-2-3 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649101
Client Sample ID: TNF6-2-3

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	trace	ug/kg	100	*	06/02/98	TAW	75-65-0	1	J
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/02/98	TAW	67-64-1	1,2	JB
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649101
Client Sample ID: TNF6-2-3

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/02/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649101
Client Sample ID: TNF6-2-3

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	122	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/02/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649119
Client Sample ID: TNF6-2-5
Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.034	*	05/30/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.034	*	05/30/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.034	*	05/30/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.034	*	05/30/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.034	*	05/30/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.034	*	05/30/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.034	*	05/30/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	192	%		*	05/30/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	187	%		*	05/30/98	SAC	877-09-8	3	
Date Extracted	05/28/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649119 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF6-2-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649119
Client Sample ID: TNF6-2-5

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/02/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/02/98	TAW	67-64-1	1,2	JB
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649119
Client Sample ID: TNF6-2-5

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/02/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649119
Client Sample ID: TNF6-2-5

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/02/98	TAW	2037-26-5		

Total EPA 8260 ND

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649127 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF8-1-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	*	05/30/98	SAB	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/30/98	SAB	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/30/98	SAB	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/30/98	SAB	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/30/98	SAB	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/30/98	SAB	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	*	05/30/98	SAB	11096-82-5		U
Decachlorobiphenyl (S)	78	%		*	05/30/98	SAB	2051-24-3		
Tetrachloro-meta-xylene (S)	70	%		*	05/30/98	SAB	877-09-8		
Date Extracted	05/28/98			*		SAB			
Total EPA 8080	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649127 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF6-1-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10849127 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF6-1-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/02/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/02/98	TAW	67-64-1	1,2	JB
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649127
Client Sample ID: TNF6-1-SR
Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/02/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649127 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF6-1-SR Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	126	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	110	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/02/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649135 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF6-1-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	*	05/29/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/29/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/29/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/29/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/29/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/29/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	*	05/29/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	85	%		*	05/29/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	85	%		*	05/29/98	SAC	877-09-8		
Date Extracted	05/28/98			*		SAC			
Total EPA 8080	ND								

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Client Project ID: 980520-07/13275A

Pace Sample No.: 10649135 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF6-1-5 Date Received: 05/21/98

GC/MS -- VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/02/98	TAW	78-93-3		U

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Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649135 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF6-1-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/02/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/02/98	TAW	108-10-1		U
Acetone	21	ug/kg	20	*	06/02/98	TAW	67-64-1	2	B
Benzene	ND	ug/kg	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649135 Date Collected: 05/19/98 Matrix: Soil
Client Sample ID: TNF6-1-5 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/02/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/02/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/02/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/02/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/02/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/02/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

Pace Sample No.: 10649135
Client Sample ID: TNF6-1-5

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/02/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/02/98	TAW	2037-26-5		

Total EPA 8260 21

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107540
Client Project ID: 980520-07/13275A

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[2]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
[3]	Surrogates out of control biased high. Sample is clean and data are reported.

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980526-17
PACE ANALYTICAL WO #: 13275B
Client ID #:

Date: 6/25/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/26/98 and received on 05/26/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Soil)	2-3
TPH-Speciation (Soil)	4-5
List of Abbreviations and Definitions	6

In addition the analysis for 8260 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1235

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TNF6-1-5	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/31/98	05/31/98		
Analyte				
Antimony (Sb)	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	5.0	6010
Barium (Ba)	120	<10	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.5	6010
Chromium (Cr)	22	<0.5	0.5	6010
Cobalt (Co)	4.1	<1.0	1.0	6010
Copper (Cu)	68	<2.5	2.5	6010
Lead (Pb)	310	<1.0	1.0	6010
Mercury (Hg)*	0.42	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	2.5	6010
Nickel (Ni)	16	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	5.0	6010
Vanadium (V)	18	<0.5	0.5	6010
Zinc (Zn)	180	<10	10	6010
DF	1	1		

*Mercury analyzed on 06/18/98

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/31/98		05/31/98	05/31/98			
Antimony (Sb)	6010	89	70-130	29**	34**	60-130	16	0-25
Arsenic (As)	6010	90	78-104	70	72	34-135	2.8	0-15
Barium (Ba)	6010	103	81-117	98	97	55-130	1.1	0-25
Beryllium (Be)	6010	93	70-130	80	81	70-130	1.2	0-25
Cadmium (Cd)	6010	88	75-104	74	76	73-115	2.7	0-15
Chromium (Cr)	6010	92	81-103	80	78	62-126	2.5	0-15
Cobalt (Co)	6010	90	70-130	74	74	70-130	0.0	0-25
Copper (Cu)	6010	94	70-130	82	81	70-140	1.2	0-25
Lead (Pb)	6010	86	76-104	66	67	48-120	1.5	0-30
Mercury (Hg)*	7471	96	76-121	90	102	70-135	12	0-30
Molybdenum (Mo)	6010	92	70-130	70	72	70-130	2.8	0-25
Nickel (Ni)	6010	89	70-130	74	72	70-130	2.7	0-25
Selenium (Se)	6010	89	79-102	70	70	42-120	0.0	0-15
Silver (Ag)	6010	92	77-107	74	76	53-115	2.7	0-19
Thallium (Tl)	6010	89	70-130	81	81	70-130	0.0	0-25
Vanadium (V)	6010	94	70-130	76	73	70-130	4.0	0-25
Zinc (Zn)	6010	91	70-130	70	72	70-130	2.8	0-25

*Mercury analyzed on 06/18/98
**Sample matrix effect

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel 562-498-9515
Fax: 562-597-0786

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	PRL mg/Kg	DF
Client ID:	Analysis Date			
Method Blank	05/28/98	<10	10	1
TNF6-1-5	05/28/98	<10	10	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/28/98		05/28/98	05/28/98			
TPH-Speciation	106	80-120	108	97	70-130	11	0-30

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP		Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

13275B
980526-17 423447

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSC	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 5/26/98	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone	Project Name / No.		*Requested Due Date: 6-9-98

Sampled By (PRINT):

Sampler Signature: Date Sampled

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Metals TPH-418.1 8260 8080 not 608	REMARKS
1	TNF6-1-5										X X X	RUSH - 48 Hour
2	TNF7-3-5										X X X	
3	TNF7-3-5										X X X	
4	TNF7-3-3										X X X	
5	TNF7-3-10										X X X	
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

MAY 26, 98 14:35
510 785 1192
PAGE.02

Advanced Technology Laboratories

May 29, 1998

ELAP No.: 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: I3275B/980526-17
Lab No.: 26309-001/005

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar B. Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and may not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or public purpose without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: PACE Analytical
Attn: Mr. Richard Villafania

Client's Project: 13275B/980526-17
Date Received: 05/27/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	Method Blank	26309-001
Client Sample I.D.:	--	TNF6-1-5.0
Date Sampled:	--	05/20/98
QC Batch #:	P98VQCS093	P98VQCS093
Date Analyzed:	05/28/98	05/28/98
Analyst Initials:	EM	EM
Dilution Factor:	1	1

ANALYTE	MDL	DLR	Results	DLR	Results
Benzene	5	5	ND	5	ND
Bromobenzene	5	5	ND	5	ND
Bromodichloromethane	5	5	ND	5	ND
Bromoform	5	5	ND	5	ND
Bromomethane	5	5	ND	5	ND
n-Butylbenzene	5	5	ND	5	ND
sec-Butylbenzene	5	5	ND	5	ND
tert-Butylbenzene	5	5	ND	5	ND
Carbon tetrachloride	5	5	ND	5	ND
Chlorobenzene	5	5	ND	5	ND
Chloroethane	5	5	ND	5	ND
Chloroform	5	5	ND	5	ND
Chloromethane	5	5	ND	5	ND
2-Chlorotoluene	5	5	ND	5	ND
4-Chlorotoluene	5	5	ND	5	ND
Dibromochloromethane	5	5	ND	5	ND
1,2-Dibromo-3-chloropropane	10	10	ND	10	ND
1,2-Dibromoethane	5	5	ND	5	ND
Dibromomethane	5	5	ND	5	ND
1,2-Dichlorobenzene	5	5	ND	5	ND
1,3-Dichlorobenzene	5	5	ND	5	ND
1,4-Dichlorobenzene	5	5	ND	5	ND
Dichlorodifluoromethane	5	5	ND	5	ND
1,1-Dichloroethane	5	5	ND	5	ND
1,2-Dichloroethane	5	5	ND	5	ND
1,1-Dichloroethene	5	5	ND	5	ND
cis-1,2-Dichloroethene	5	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report.

Client: PACE Analytical
Attn: Mr. Richard Villafania

Client's Project: 13275B/980526-17
Date Received: 05/27/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:		Method Blank		26309-001	
Client Sample I.D.:		--		TNF6-1-5.0	
ANALYTE	MDL	DLR	Results	DLR	Results
trans-1,2-Dichloroethene	5	5	ND	5	ND
1,2-Dichloropropane	5	5	ND	5	ND
1,3-Dichloropropane	5	5	ND	5	ND
2,2-Dichloropropane	5	5	ND	5	ND
1,1-Dichloropropene	5	5	ND	5	ND
Ethylbenzene	5	5	ND	5	ND
Hexachlorobutadiene	5	5	ND	5	ND
Isopropylbenzene	5	5	ND	5	ND
p-Isopropyltoluene	5	5	ND	5	ND
Methylene Chloride	15	15	ND	15	ND
Naphthalene	5	5	ND	5	ND
n-Propylbenzene	5	5	ND	5	ND
Styrene	5	5	ND	5	ND
1,1,1,2-Tetrachloroethane	5	5	ND	5	ND
1,1,2,2-Tetrachloroethane	5	5	ND	5	ND
Tetrachloroethene	5	5	ND	5	ND
Toluene	5	5	ND	5	ND
1,2,3-Trichlorobenzene	5	5	ND	5	ND
1,2,4-Trichlorobenzene	5	5	ND	5	ND
1,1,1-Trichloroethane	5	5	ND	5	ND
1,1,2-Trichloroethane	5	5	ND	5	ND
Trichloroethene	5	5	ND	5	ND
Trichlorofluoromethane	5	5	ND	5	ND
1,2,3-Trichloropropane	10	10	ND	10	ND
1,2,4-Trimethylbenzene	5	5	ND	5	ND
1,3,5-Trimethylbenzene	5	5	ND	5	ND
Vinyl Chloride	5	5	ND	5	ND
Xylenes (Total)	5	5	ND	5	ND
Methyl tert-Butyl Ether	5	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____
Lee Ingvaldson
Department Supervisor

Date 6/3/98

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\PVS0528.M (RTE Integrator)
Title : VOC 8240/8260B Advanced Technology Laboratory
Last Update : Thu May 28 13:57:26 1998
Response via : Initial Calibration

Non-Spiked Sample: 26195-02.D

	Spike Sample	Spike Duplicate Sample
File ID :	PMS0528A.D	PMD0528B.D
Sample :	P98VOCS093 MS 26195-02	P98VOCS093 MSD 26195-02
Acq Time:	28 May 98 5:30 pm	28 May 98 5:58 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-dichloroethene	15.8	100	48	80	32#	64	50#	20	59-156
benzene	0.0	100	42	68	42#	68#	46#	12	72-134
trichloroethene	0.0	100	41	64	41#	64	45#	16	55-145
toluene	0.0	100	45	68	45#	67#	39#	16	73-127
chlorobenzene	0.0	100	41	67	41#	67#	47#	11	80-119

- Fails Limit Check

QC BATCH #P98VOCS093

Reviewed and Approved by: _____ Date: 6/1/98
Lee Ingvaldson
Organics Supervisor

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\PVS0528.M (RTE Integrator)
Title : VOC 8240/8260B Advanced Technology Laboratory
Last Update : Fri May 29 11:11:13 1998
Response via : Initial Calibration

Non-Spiked Sample: 26195-02.D

	Spike Sample	Spike Duplicate Sample
File ID :	PMS0529A.D	PMD0529B.D
Sample :	P98VOCS093/ MS 26195-02	P98VOCS093/ MSD 26195-02
Acq Time:	29 May 98 11:10 am	29 May 98 11:38 am

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-dichloroethene	15.8	100	72	63	56#	47#	13	20	58-156
benzene	0.0	100	85	75	85	75	13#	12	72-134
trichloroethene	0.0	100	80	72	80	72	11	16	55-145
toluene	0.0	100	89	73	89	73#	20#	16	73-127
chlorobenzene	0.0	100	88	74	88	74#	17#	11	80-119

- Fails Limit Check

QB BATCH P98VOCS093

Reviewed and Approved by: _____ Date: 5/29/98
Lee Ingvaldson
Organics Supervisor

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Pace Analytical

423678

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PACE	Report To: LIBET KENYON	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address:	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone:	Project Name / No.: 13275B/13052B-17		*Requested Due Date: 6-3-02

Sampled By (PRINT):

Sampler Signature: Date Sampled: 5-24

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8260 8260	REMARKS
1	INF-1-5.0		S								X X	26309 001 — 48 HR RUSH Due 5/30
2	INF-3-5										X	002 — 5 DAY
3	INF-3-5.0										X	003
4	INF-3-3.0										X	004
5	INF-3-10.0										X	005
6												
7												
8												

Except 1 & 2

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature]	5-27		Diane Kaluan/ATL	5/28	1525

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Advanced Technology Laboratories

June 4, 1998

ELAP No.: 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Ms. Loree Kenyon

Client's Project: 13275B/980526-17
Lab No.: 26309-001/005

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

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Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical
Attn: Ms. Loree Kenyon

Client's Project: 13275B/980526-17
Date Received: 05/27/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	Method Blank		26309-002		26309-003		26309-004		26309-005	
Client Sample I.D.:	--		TNF7-3-S		TNF7-3-5.0		TNF7-3-3.0		TNF7-3-10.0	
Date Sampled:	--		05/20/98		05/20/98		05/20/98		05/20/98	
QC Batch #:	P98VOCS097		P98VOCS097		P98VOCS097		P98VOCS097		P98VOCS097	
Date Analyzed:	06/03/98		06/03/98		06/03/98		06/03/98		06/03/98	
Analyst Initials:	EM		EM		EM		EM		EM	
Dilution Factor:	1		1		1		1		1	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Result	DLR	esult	DLR	Result
Benzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromodichloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromoform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
sec-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
tert-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Carbon tetrachloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
4-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromochloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dibromo-3-chloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2-Dibromoethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,4-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dichlorodifluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
cis-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Ms. Loree Kenyon

Client's Project: 13275B/980526-17
Date Received: 05/27/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:		Method Blank		26309-002		26309-003		26309-004		26309-005	
Client Sample I.D.:		--		TNF7-3-S		TNF7-3-5.0		TNF7-3-3.0		TNF7-3-10.0	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Result	DLR	esult	DLR	Results
trans-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloropropene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Ethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Hexachlorobutadiene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Isopropylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
p-Isopropyltoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Methylene Chloride	15	15	ND	15	ND	15	ND	15	ND	15	ND
Naphthalene	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Propylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Styrene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Tetrachloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Toluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,4-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichlorofluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2,4-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3,5-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Vinyl Chloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Xylenes (Total)	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 6/4/98

Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\PVS0603.M (RTE Integrator)
Title : VOC 8240/8260B Advanced Technology Laboratory
Last Update : Wed Jun 03 14:11:28 1998
Response via : Initial Calibration

Non-Spiked Sample: 26309-02.D

	Spike Sample	Spike Duplicate Sample
File ID :	PMS0603A.D	PMD0603B.D
Sample :	P98VOCS097 /ms 26309-02	P98VOCS097 /msd 26309-02
Acq Time:	3 Jun 98 5:40 pm	3 Jun 98 6:09 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-dichloroethene	0.0	100	96	87	96	87	10	20	58-156
benzene	0.0	100	96	94	96	94	2	12	72-134
trichloroethene	0.0	100	96	92	96	92	4	16	55-145
toluene	0.0	100	88	91	87	89	3	16	73-127
chlorobenzene	0.0	100	90	89	90	89	1	11	80-119

QC BATCH #98VOCS097

Reviewed and Approved by: _____ Date: 6/4/98

Lee Ingvaldson
Organics Supervisor

Pace Analytical To ATL

423078

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PACE
Address:
Phone:
Sampled By (PRINT):
Sampler Signature:
Date Sampled: 5-20

Report to: LOREE KENYON
Bill To:
P.O. # / Billing Reference:
Project Name / No.: 13275B/180526-17

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.:
*Requested Due Date: 6-3-98

Except Itm 1

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8260	8260	REMARKS
1	TNF6-1-5.0		S								X	X	48 HR RUSH Due 5/2
2	TNF7-3-S										X		5-DAY
3	TNF7-3-5.0										X		
4	TNF7-3-3.0										X		
5	TNF-7-3-10.0										X		
6													
7													
8													

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
		5-27		Diane Galvan/ATL	5-27-98	1505

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

SITE INVESTIGATION REPORT
VOLUME 9 (APPENDIX C)

WEST APPROACH PROJECT INCLUDING
TRANSBAY TERMINAL LOOP
SAN FRANCISCO, CALIFORNIA

prepared for

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
111 Grand Avenue
Oakland, California

Task Order Number: 04-133331-DC
EA Number: 133331

prepared by

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
Environmental Engineering Branch
&
Professional Service Industries, Inc.
1320 West Winton Avenue
Hayward, California 94545
(510) 785-1111

June, 1999
575-8G001

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: ARCHIVES
Site Location:

PACE ANALYTICAL Project #: 980522-03
PACE ANALYTICAL WO #: 13283A
Client ID #:

Date: 6/22/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/22/98 and received on 05/22/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Soil)	2-4
TPH-Speciation (Soil)	5-6
BTEX (Soil)	7-8
List of Abbreviations and Definitions	9

In addition the analysis for 8080, 8270 & 8260 were subcontracted to an outside laboratory with results issued in a separate report

Reviewed by:
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980522-03
PACE ANALYTICAL WO#:13283A
Client ID#:

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/20 TTLC METALS

Client ID:	T12-3-5	T11-3-5	T13-1-5	T8-2-5	T8-3-5	T8-4-5	T13-2-5	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/31/98	05/31/98	05/31/98	05/31/98	05/31/98	05/31/98	05/31/98		
Analyte									
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	5.8	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	76	44	68	340	71	72	43	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	1.4	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	45	57	10	31	38	35	46	0.5	6010
Cobalt (Co)	7.9	6.4	2.2	9.2	10	7.8	3.0	1.0	6010
Copper (Cu)	8.5	7.7	5.7	83	10	7.5	2.5	2.5	6010
Lead (Pb)	2.1	2.0	6.9	1500	3.6	2.4	2.0	1.0	6010
Mercury (Hg)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	34	31	10	33	27	23	29	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	7.6	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	36	33	24	27	33	26	11	0.5	6010
Zinc (Zn)	27	25	23	680	27	22	13	10	6010
DF	1	1	1	1	1	1	1		

* Mercury analyzed 6/17/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562 597-0786

Pace Analytical

PACE ANALYTICAL Project#:980522-03
PACE ANALYTICAL WO#:13283A
Client ID#:

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T13-3-5	R5-2-30	T28-2-50	T22-2-4	T13-3-S	T13-3-3	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/31/98	05/31/98	05/31/98	05/31/98	05/31/98	05/31/98	05/31/98		
Analyte									
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	5.0	6010
Barium (Ba)	130	120	150	160	87	<100	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	0.5	6010
Cadmium (Cd)	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	0.5	6010
Chromium (Cr)	49	31	14	11	53	75	<0.5	0.5	6010
Cobalt (Co)	13	7.1	6.9	9.8	9.3	11	<1.0	1.0	6010
Copper (Cu)	6.5	21	850	11	14	<25	<2.5	2.5	6010
Lead (Pb)	3.1	93	31	7.2	5.5	<10	<1.0	1.0	6010
Mercury (Hg)	0.06	0.14	0.08	<0.05	0.05	0.16	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	2.5	6010
Nickel (Ni)	55	24	21	19	37	65	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	0.5	6010
Thallium (Tl)	7.3	<5.0	6.3	<5.0	5.2	<50	<5.0	5.0	6010
Vanadium (V)	46	26	13	16	41	77	<0.5	0.5	6010
Zinc (Zn)	28	84	73	41	53	<100	<10	10	6010
DF	1	1	1	1	1	10	1		

* Mercury analyzed 6/17/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
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Tel. 562-498-9515
fax. 562-597-0786

Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/31/98		05/31/98	05/31/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	89	70-130	29**	34**	60-130	16	0-25
Arsenic (As)	6010	90	78-104	70	72	34-135	2.9	0-15
Barium (Ba)	6010	103	81-117	88	87	55-130	1.1	0-25
Beryllium (Be)	6010	93	70-130	80	81	70-130	1.2	0-25
Cadmium (Cd)	6010	88	75-104	74	76	73-115	2.7	0-15
Chromium (Cr)	6010	92	81-103	80	78	62-125	2.5	0-15
Cobalt (Co)	6010	90	70-130	74	74	70-130	0.0	0-25
Copper (Cu)	6010	94	70-130	82	81	70-140	1.2	0-25
Lead (Pb)	6010	96	76-104	66	67	48-120	1.5	0-30
Mercury (Hg)	7471	97	76-121	92	95	70-135	3.0	0-30
Molybdenum (Mo)	6010	92	70-130	70	72	70-130	2.8	0-25
Nickel (Ni)	6010	89	70-130	74	72	70-130	2.7	0-25
Selenium (Se)	6010	89	79-102	70	70	42-120	0.0	0-16
Silver (Ag)	6010	92	77-107	74	76	53-115	2.7	0-19
Thallium (Tl)	6010	89	70-130	81	81	70-130	0.0	0-25
Vanadium (V)	6010	94	70-130	76	73	70-130	4.0	0-25
Zinc (Zn)	6010	91	70-130	70	72	70-130	2.8	0-25

* Mercury analyzed 6/17/98.
*Sample matrix effect.

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Long Beach, CA 90815
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Pace Analytical

PACE ANALYTICAL Project#:980522-03
PACE ANALYTICAL WO#:13283A
Client ID#:

Analyst: RC
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	PRL mg/Kg	DF
Client ID:	Analysis Date			
Method Blank	06/01/98	<10	10	1
T12-3-5	06/01/98	<10	10	1
T11-3-5	06/01/98	<10	10	1
T13-1-5	06/01/98	<10	10	1
T8-2-5	06/01/98	<10	10	1
T8-3-5	06/01/98	<10	10	1
T8-4-5	06/01/98	<10	10	1
T13-2-5	06/01/98	<10	10	1
T13-3-5	06/01/98	<10	10	1
TH25-1-5	06/01/98	<10	10	1
TH25-1-15	06/01/98	<10	10	1
T22-2-4	06/01/98	<10	10	1
T-21-3-3	06/02/98	<10	10	1

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/01/98		06/01/98	06/01/98			
TPH-Speciation	115	80-120	123	113	70-130	8.5	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/02/98		06/02/98	06/02/98			
TPH-Speciation	112	80-120	123	124	70-130	0.8	0-30

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
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PACE ANALYTICAL Project#:980522-03
PACE ANALYTICAL WO#:13203A
Client ID#:

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TB-4-5	T13-2-5	Method Blank	T12-3-5	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	05/22/98	05/22/98	05/22/98	05/26/98	05/26/98	
Analyte						
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	
Surrogate Recovery %:						Acceptable Range:
a,a,a-Trifluorotoluene	89	88	89	105	108	59-134

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
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Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980522-03
PACE ANALYTICAL WO#:13283A
Client ID#:

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/22/98		05/22/98	05/22/98			
Analyte							
Benzene	87	74-116	86	85	72-116	1.2	0-26
Toluene	91	73-116	88	86	70-114	2.3	0-22
Ethylbenzene	92	75-118	84	85	68-119	1.2	0-24
Total Xylenes	92	78-120	84	84	74-117	0.0	0-22

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/26/98		05/26/98	05/26/98			
Analyte							
Benzene	103	74-116	102	101	72-115	1.0	0-26
Toluene	107	73-116	107	108	70-114	0.9	0-22
Ethylbenzene	109	75-118	110	107	68-119	2.8	0-24
Total Xylenes	110	78-120	110	108	74-117	1.8	0-22

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
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Long Beach, CA 90815
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Fax: 562-597 0786

Pace Analytical

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

T3285A
980522-03

423445

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CHAIN-OF-CUSTODY RECORD
Analytical Request

MAY 21 '98 12:02

Client: BSI	Report To:	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address:	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ADDITIONAL ANALYSES

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: MeOH	TPH	BTEX	8260	8270	8080	REMARKS
1	T12-3-5 ✓																RUSH 48H
2	T11-3-5 ✓																
3	T13-1-5 ✓																
4	T8-2-5 ✓																
5	T8-3-5 ✓																
6	T8-4-5 ✓																
7	T13-2-5 ✓																
8	T13-3-5 ✓																

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NO.	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME

SAMPLE CONDITION

Temp: _____ °C	Received on ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

697

S10 785 1192

PAGE.02

Face Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To:	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: Frank Ross	Bill To:		Pace Project Manager
Phone	P.O. # / Billing Reference		Pace Project No.
Sampled By (PRINT):	Project Name / No.		*Requested Due Date:
Sampler Signature	Date Sampled		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Metals 6020 TPH-G 8260
1	R5-2-30			13164A							
2	T28-2-60			13164A							
3	TH24-1-5 ✓			13273A							
4	TH25-1-5 ✓			13188A							
5	~~TH35-1-10 ✓~~			13188A							
6	TH22-1-15			13273A							
7	TB-22-2-4			13273A							
8	T-21-3-3										

REMARKS: RUSH Over Hold — Hold Today

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Page 3/3 13283A 980522-03 423446

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSE	Report To:	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCl)	NaOH	ANALYSES REQUEST: Methods	REMARKS
1	TB-3-5 ✓										X	RUSH 48H ↓
2	TB-3-3 ✓											
3												
4												
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

WW

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

May 21, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107422
Client Project ID: 980514 04

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on May 15, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

Pace Analytical Services, Inc.
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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

DATE: 05/21/98

PAGE: 1

Pace Analytical Long Beach SC
17422
3970 Gilman Street
980514-04
Long Beach, CA 90815

Pace Project Number:

Client Project ID:

Attn: Mr. Richard Villafania
Phone: (562)498 9515

Solid results are reported on a wet weight basis

Pace Sample No: 10639946
Matrix: Soil
Client Sample ID: TB-3-3.0

Date Collected: 05/13/98
Date Received: 05/15/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
GC/MS -- VOA						
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA
5030						
Dichlorodifluoromethane	ND	ug/kg	5	05/20/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	05/20/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	05/20/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	05/20/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	05/20/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	05/20/98	SAC	75-69-4
Methylene Chloride	ND	ug/kg	5	05/20/98	SAC	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	05/20/98	SAC	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	05/20/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	05/20/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	05/20/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	05/20/98	SAC	56-23-5

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1,1-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	563-58-6
Benzene	ND	ug/kg	5	05/20/98	SAC	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	05/20/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	05/20/98	SAC	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	78-87-5
Bromodichloromethane	ND	ug/kg	5	05/20/98	SAC	75-27-4
Dibromomethane	ND	ug/kg	5	05/20/98	SAC	74-95-3
Toluene	ND	ug/kg	5	05/20/98	SAC	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	05/20/98	SAC	79-00-5
Tetrachloroethene	ND	ug/kg	5	05/20/98	SAC	127-18-4

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Pace Project Number:
107422

Client Project ID:
0514-04

Pace Sample No: 10639946 Date Collected: 05/13/98
Matrix: Soil
Client Sample ID: T8-3-3.0 Date Received: 05/15/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
1,3-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	142-28-9
Dibromochloromethane	ND	ug/kg	5	05/20/98	SAC	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	05/20/98	SAC	106-93-4
Chlorobenzene	ND	ug/kg	5	05/20/98	SAC	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	05/20/98	SAC	630-20-6
Ethylbenzene	ND	ug/kg	5	05/20/98	SAC	100-41-4
M&P-Xylene	ND	ug/kg	5	05/20/98	SAC	7816 60 0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	05/20/98	SAC	95-47-6
Styrene	ND	ug/kg	5	05/20/98	SAC	100-42-5
Bromoform	ND	ug/kg	5	05/20/98	SAC	75-25-2
Isopropylbenzene (Cumene)	ND	ug/kg	5	05/20/98	SAC	98-82-8
1,1,2,2 Tetrachloroethane	ND	ug/kg	5	05/20/98	SAC	79-34-5
Bromobenzene	ND	ug/kg	5	05/20/98	SAC	108 86-1
1,2,3-Trichloropropane	ND	ug/kg	5	05/20/98	SAC	96-18-4
n Propylbenzene	ND	ug/kg	5	05/20/98	SAC	103-65-1
2-Chlorotoluene	ND	ug/kg	5	05/20/98	SAC	95 49 8
1,3,5-Trimethylbenzene	ND	ug/kg	5	05/20/98	SAC	108-67-8
4 Chlorotoluene	ND	ug/kg	5	05/20/98	SAC	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	05/20/98	SAC	95 63 6
Sec-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	135-98-8
tert-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	05/20/98	SAC	99-87 6
1,3-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	106-46-7
n Butylbenzene	ND	ug/kg	5	05/20/98	SAC	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	95 50 1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	05/20/98	SAC	96-12-8
1,2,4 Trichlorobenzene	ND	ug/kg	5	05/20/98	SAC	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	05/20/98	SAC	87-68-3
Naphthalene	ND	ug/kg	5	05/20/98	SAC	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	05/20/98	SAC	87-61-6

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trans-1,3-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	05/20/98	SAC	110-75-8
Acetone	ND	ug/kg	20	05/20/98	SAC	67-64-1
2-Butanone	ND	ug/kg	10	05/20/98	SAC	78 93-3
4 Methyl 2 Pentanone	ND	ug/kg	10	05/20/98	SAC	108-10-1
Carbon Disulfide	ND	ug/kg	10	05/20/98	SAC	75-15-0
2-Hexanone	ND	ug/kg	100	05/20/98	SAC	591-78-6
Vinyl Acetate	ND	ug/kg	100	05/20/98	SAC	108-05-4

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D TE: 05/21/98

PAGE: 3

Pace Project Number:
1.7422

Client Project ID:
0514-04

Pace Sample No: 10639946 Date Collected: 05/13/98
M trix: Soil
Client Sample ID: T8 3-3.0 Date Received: 05/15/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Ethanol	ND	ug/kg	500	05/20/98	SAC	64-17-5
Methyl-tert-butyl Ether	ND	ug/kg	5	05/20/98	SAC	1634-04-4
Isopropyl Ether	ND	ug/kg	5	05/20/98	SAC	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	05/20/98	SAC	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	05/20/98	SAC	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	05/20/98	SAC	75-65-0
Dibromofluoromethane (S)	102	%		05/20/98	SAC	1868-53-7
Toluene-d8 (S)	102	%		05/20/98	SAC	2037-26-5
4-Bromofluorobenzene (S)	110	%		05/20/98	SAC	460-00-4
1,2-Dichloroethane-d4 (S)	130	%		05/20/98	SAC	17060-07-

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DATE: 05/21/98

Pace Project Number:
1 9422

Client Project ID:
S 9514-04

Pace Sample No: 10639953 Date Collected: 05/13/98
Matrix: Soil
Client Sample ID: T8-1-3.0 Date Received: 05/15/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
GC/MS -- VOA						
GC/MS VOCs by 8260	Method: EPA 8260					Prep Method: EPA
8260						
Dichlorodifluoromethane	ND	ug/kg	5	05/20/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	05/20/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	05/20/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	05/20/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	05/20/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	05/20/98	SAC	75-69-4
Methylene Chloride	ND	ug/kg	5	05/20/98	SAC	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	75 35 4
trans 1,2 Dichloroethene	ND	ug/kg	5	05/20/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	05/20/98	SAC	75-34-3
2,2 Dichloropropane	ND	ug/kg	5	05/20/98	SAC	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	156-59 2
Chloroform	ND	ug/kg	5	05/20/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	05/20/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	05/20/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	05/20/98	SAC	56 23 5
1,1-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	563-58-6
Benzene	ND	ug/kg	5	05/20/98	SAC	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	05/20/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	05/20/98	SAC	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	78 87 5
Bromodichloromethane	ND	ug/kg	5	05/20/98	SAC	75-27-4
Dibromomethane	ND	ug/kg	5	05/20/98	SAC	74-95-3
Toluene	ND	ug/kg	5	05/20/98	SAC	108-88-3
1,1,2 Trichloroethane	ND	ug/kg	5	05/20/98	SAC	79 00 5
Tetrachloroethene	ND	ug/kg	5	05/20/98	SAC	127-18-4

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1,3-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	142-28-9
Dibromochloromethane	ND	ug/kg	5	05/20/98	SAC	124-48-1
1,2 Dibromoethane	ND	ug/kg	5	05/20/98	SAC	106-93-4
Chlorobenzene	ND	ug/kg	5	05/20/98	SAC	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	05/20/98	SAC	630-20-6
Ethylbenzene	ND	ug/kg	5	05/20/98	SAC	100-41-4
M&P-Xylene	ND	ug/kg	5	05/20/98	SAC	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	05/20/98	SAC	95-47-6
Styrene	ND	ug/kg	5	05/20/98	SAC	100-42-5
Bromoform	ND	ug/kg	5	05/20/98	SAC	75-25-2

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Pace Project Number:

1 7432

Client Project ID:

9 9514-04

Pace Sample No: 10639953 Date Collected: 05/13/98

Matrix: Soil

Client Sample ID: T8-1-3.0 Date Received: 05/15/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene (Cumene)	ND	ug/kg	5	05/20/98	SAC	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	05/20/98	SAC	79-34-5
Bromobenzene	ND	ug/kg	5	05/20/98	SAC	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	05/20/98	SAC	96-18-4
n Propylbenzene	ND	ug/kg	5	05/20/98	SAC	103-65-1
3-Chlorotoluene	ND	ug/kg	5	05/20/98	SAC	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	05/20/98	SAC	108-67-8
4 Chlorotoluene	ND	ug/kg	5	05/20/98	SAC	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	05/20/98	SAC	95-63-6
sec-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	135 98 8
tert-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	98-06-6
p Isopropyltoluene	ND	ug/kg	5	05/20/98	SAC	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	106-46-7
n Butylbenzene	ND	ug/kg	5	05/20/98	SAC	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	05/20/98	SAC	96 12 8
1,2,4-Trichlorobenzene	ND	ug/kg	5	05/20/98	SAC	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	05/20/98	SAC	87-68-3
Naphthalene	ND	ug/kg	5	05/20/98	SAC	91 20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	05/20/98	SAC	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	10061 02-6
cis-1,3-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	05/20/98	SAC	110-75-8
Acetone	ND	ug/kg	20	05/20/98	SAC	67 64-1
2-Butanone	ND	ug/kg	10	05/20/98	SAC	78-93-3
4 Methyl 2 Pentanone	ND	ug/kg	10	05/20/98	SAC	108-10-1
Carbon Disulfide	ND	ug/kg	10	05/20/98	SAC	75-15-0
2 Hexanone	ND	ug/kg	100	05/20/98	SAC	591-78-6

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Vinyl Acetate	ND	ug/kg	100	05/20/98	SAC	108-05-4
Ethanol	ND	ug/kg	500	05/20/98	SAC	64-17-5
Methyl-tert butyl Ether	ND	ug/kg	5	05/20/98	SAC	1634-04-4
Isopropyl Ether	ND	ug/kg	5	05/20/98	SAC	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	05/20/98	SAC	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	05/20/98	SAC	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	05/20/98	SAC	75-65-0
Dibromofluoromethane (S)	104	%		05/20/98	SAC	1868-53-7
Toluene-d8 (S)	103	%		05/20/98	SAC	2037-26-5
4-Bromofluorobenzene (S)	108	%		05/20/98	SAC	460-00-4
1,2-Dichloroethane-d4 (S)	132	%		05/20/98	SAC	17060-07-

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

DATE: 05/21/98

Pace Project Number:
1 7422

Client Project ID:
0514-04

Pace Sample No: 10639967 Date Collected: 05/13/98
Matrix: Soil
Client Sample ID: T10-2-3.0 Date Received: 05/15/98

Parameters Qtrtes	Results	Units	PRL	Analyzed	Analyst	CAS#
GC/MS - VOA						
GC/MS VOCs by 8260 60	Method: EPA 8260				Prep Method: EPA	
Dichlorodifluoromethane	ND	ug/kg	5	05/20/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	05/20/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	05/20/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	05/20/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	05/20/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	05/20/98	SAC	75-69-4
Methylene Chloride	ND	ug/kg	5	05/20/98	SAC	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	05/20/98	SAC	75-34-3
2,2 Dichloropropane	ND	ug/kg	5	05/20/98	SAC	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	05/20/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	05/20/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	05/20/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	05/20/98	SAC	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	563-58-6
Benzene	ND	ug/kg	5	05/20/98	SAC	71-43-2
1,2 Dichloroethane	ND	ug/kg	5	05/20/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	05/20/98	SAC	79-01-6
1,2 Dichloropropane	ND	ug/kg	5	05/20/98	SAC	78-87-5
Bromodichloromethane	ND	ug/kg	5	05/20/98	SAC	75-27-4
Dibromomethane	ND	ug/kg	5	05/20/98	SAC	74-95-3
Toluene	ND	ug/kg	5	05/20/98	SAC	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	05/20/98	SAC	79-00-5
Tetrachloroethene	ND	ug/kg	5	05/20/98	SAC	127-18-4

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1,3-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	142-28-9
Dibromochloromethane	ND	ug/kg	5	05/20/98	SAC	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	05/20/98	SAC	106-93-4
Chlorobenzene	ND	ug/kg	5	05/20/98	SAC	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	05/20/98	SAC	630-20-6
Ethylbenzene	ND	ug/kg	5	05/20/98	SAC	100-41-4
M&P-Xylene	ND	ug/kg	5	05/20/98	SAC	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	05/20/98	SAC	95-47-6
Styrene	ND	ug/kg	5	05/20/98	SAC	100-42-5
Bromoform	ND	ug/kg	5	05/20/98	SAC	75-25-2

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Pace Project Number:
7422

Client Project ID:
0514-04

Pace Sample No: 10639961 Date Collected: 05/13/98
Matrix: Soil
Client Sample ID: T10 2 3.0 Date Received: 05/15/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene. (Cumene)	ND	ug/kg	5	05/20/98	SAC	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	05/20/98	SAC	79-34-5
Bromobenzene	ND	ug/kg	5	05/20/98	SAC	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	05/20/98	SAC	96-18-4
n-Propylbenzene	ND	ug/kg	5	05/20/98	SAC	103-65-1
2-Chlorotoluene	ND	ug/kg	5	05/20/98	SAC	95 49 8
1,3,5-Trimethylbenzene	ND	ug/kg	5	05/20/98	SAC	108-67-8
4-Chlorotoluene	ND	ug/kg	5	05/20/98	SAC	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	05/20/98	SAC	95 63 6
sec-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	135-98-8
tert Butylbenzene	ND	ug/kg	5	05/20/98	SAC	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	05/20/98	SAC	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	541 73 1
1,4-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	106-46-7
n-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	104 51 8
1,2-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	05/20/98	SAC	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	05/20/98	SAC	120 82 1
Hexachlorobutadiene	ND	ug/kg	5	05/20/98	SAC	87-68-3
Naphthalene	ND	ug/kg	5	05/20/98	SAC	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	05/20/98	SAC	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	10061-02-6
cis 1,3 Dichloropropene	ND	ug/kg	5	05/20/98	SAC	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	05/20/98	SAC	110-75-8
Acetone	ND	ug/kg	20	05/20/98	SAC	67-64-1
2-Butanone	ND	ug/kg	10	05/20/98	SAC	78-93-3
4-Methyl-2-Pentanone	ND	ug/kg	10	05/20/98	SAC	108-10-1
Carbon Disulfide	ND	ug/kg	10	05/20/98	SAC	75-15-0
2-Hexanone	ND	ug/kg	100	05/20/98	SAC	591 78 6

Vinyl Acetate	ND	ug/kg	100	05/20/98	SAC	108-05-4
Ethanol	ND	ug/kg	500	05/20/98	SAC	64-17-5
Methyl-tert-butyl Ether	ND	ug/kg	5	05/20/98	SAC	1634-04-4
Isopropyl Ether	ND	ug/kg	5	05/20/98	SAC	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	05/20/98	SAC	637 92-3
tert-Amylmethyl ether	ND	ug/kg	5	05/20/98	SAC	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	05/20/98	SAC	75-65-0
Dibromofluoromethane (S)	104	%		05/20/98	SAC	1868-53-7
Toluene-d8 (S)	104	%		05/20/98	SAC	2037-26 5
4 Bromofluorobenzene (S)	110	%		05/20/98	SAC	460-00-4
1,2-Dichloroethane-d4 (S)	136	%		05/20/98	SAC	17060-07-

Pace Project Number:

7422

Client Project ID:

990514-04

Pace Sample No: 10639979 Date Collected: 05/13/98

Matrix: Soil

Client Sample ID: T11-1-3.0 Date Received: 05/15/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
GC/MS - VOA						
GC/MS VOCs by 8260 8260	Method: EPA 8260				Prep Method: EPA	
Dichlorodifluoromethane	ND	ug/kg	5	05/20/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	05/20/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	05/20/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	05/20/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	05/20/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	05/20/98	SAC	75-69-4
Methylene Chloride	ND	ug/kg	5	05/20/98	SAC	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	75-35-4
trans 1,2 Dichloroethene	ND	ug/kg	5	05/20/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	05/20/98	SAC	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	594-20-7
cis 1,2-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	05/20/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	05/20/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	05/20/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	05/20/98	SAC	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	563-58-6
Benzene	ND	ug/kg	5	05/20/98	SAC	71-43-2
1,2 Dichloroethane	ND	ug/kg	5	05/20/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	05/20/98	SAC	79 01 6
1,2-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	78-87-5
Bromodichloromethane	ND	ug/kg	5	05/20/98	SAC	75-27-4
Dibromomethane	ND	ug/kg	5	05/20/98	SAC	74-95-3
Toluene	ND	ug/kg	5	05/20/98	SAC	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	05/20/98	SAC	79-00-5
Tetrachloroethene	ND	ug/kg	5	05/20/98	SAC	127-18-4

1,3-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	142-28-9
Dibromochloromethane	ND	ug/kg	5	05/20/98	SAC	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	05/20/98	SAC	106-93 4
Chlorobenzene	ND	ug/kg	5	05/20/98	SAC	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	05/20/98	SAC	630-20-6
Ethylbenzene	ND	ug/kg	5	05/20/98	SAC	100-41 4
M&P-Xylene	ND	ug/kg	5	05/20/98	SAC	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	05/20/98	SAC	95-47-6
Styrene	ND	ug/kg	5	05/20/98	SAC	100-42-5
Bromoform	ND	ug/kg	5	05/20/98	SAC	75-25-2

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980514-04 Client Project ID:

Pace Sample No: 10639979 Date Collected: 05/13/98
Matrix: Soil
Client Sample ID: T11-1-3.0 Date Received: 05/15/98

Parameters / Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene (Cumene)	ND	ug/kg	5	05/20/98	SAC	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	05/20/98	SAC	79-34-5
Bromobenzene	ND	ug/kg	5	05/20/98	SAC	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	05/20/98	SAC	96-18-4
n-Propylbenzene	ND	ug/kg	5	05/20/98	SAC	103-65-1
2 Chlorotoluene	ND	ug/kg	5	05/20/98	SAC	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	05/20/98	SAC	108-67-8
4 Chlorotoluene	ND	ug/kg	5	05/20/98	SAC	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	05/20/98	SAC	95-63-6
sec-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	135-98-8
tert-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	05/20/98	SAC	99-87-6
1,3 Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	106-46-7
n-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	104-51-8
1,2 Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	95-50-1
1,2-Dibromo-3 Chloropropane	ND	ug/kg	5	05/20/98	SAC	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	05/20/98	SAC	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	05/20/98	SAC	87-68-3
Naphthalene	ND	ug/kg	5	05/20/98	SAC	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	05/20/98	SAC	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	10061-02-6
cis-1,3-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	10061-01-5
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	05/20/98	SAC	110-75-8
Acetone	4.3	ug/kg	20	05/20/98	SAC	67-64-1
2-Butanone	ND	ug/kg	10	05/20/98	SAC	78-93-3
4-Methyl-2-Pentanone	ND	ug/kg	10	05/20/98	SAC	108-10-1
Carbon Disulfide	ND	ug/kg	10	05/20/98	SAC	75-15-0

2-Hexanone	ND	ug/kg	100	05/20/98	SAC	591-78-6
Vinyl Acetate	ND	ug/kg	100	05/20/98	SAC	108-05-4
Ethanol	ND	ug/kg	500	05/20/98	SAC	64-17-5
Methyl-tert-butyl Ether	ND	ug/kg	5	05/20/98	SAC	1634-04-4
Isopropyl Ether	ND	ug/kg	5	05/20/98	SAC	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	05/20/98	SAC	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	05/20/98	SAC	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	05/20/98	SAC	75-65-0
Dibromofluoromethane (S)	105	%		05/20/98	SAC	1868-53-7
Toluene-d8 (S)	104	%		05/20/98	SAC	2037-26-5
4-Bromofluorobenzene (S)	112	%		05/20/98	SAC	460-00-4
1,2-Dichloroethane-d4 (S)	138	%		05/20/98	SAC	17060-07-

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Pace Project Number:

: 7422

Client Project ID:

980514 04

Pace Sample No: 10639987 Date Collected: 05/13/98

trix: Soil

ient Sample ID: T11-3-3.0 Date Received: 05/15/98

rameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
C/MS - VOA						
GC/MS VOCs by 8260 60	Method: EPA 8260					Prep Method: EPA
Dichlorodifluoromethane	ND	ug/kg	5	05/20/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	05/20/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	05/20/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	05/20/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	05/20/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	05/20/98	SAC	75-69-4
Methylene Chloride	ND	ug/kg	5	05/20/98	SAC	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	05/20/98	SAC	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	05/20/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	05/20/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	05/20/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	05/20/98	SAC	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	563-58-6
Benzene	ND	ug/kg	5	05/20/98	SAC	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	05/20/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	05/20/98	SAC	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	78-87-5
Bromodichloromethane	ND	ug/kg	5	05/20/98	SAC	75-27-4
Dibromomethane	ND	ug/kg	5	05/20/98	SAC	74-95-3
Toluene	ND	ug/kg	5	05/20/98	SAC	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	05/20/98	SAC	79-00-5
Tetrachloroethene	ND	ug/kg	5	05/20/98	SAC	127-18-4

1,3-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	142-28-9
Dibromochloromethane	ND	ug/kg	5	05/20/98	SAC	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	05/20/98	SAC	106-93-4
Chlorobenzene	ND	ug/kg	5	05/20/98	SAC	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	05/20/98	SAC	630-20-6
Ethylbenzene	ND	ug/kg	5	05/20/98	SAC	100-41-4
M&P-Xylene	ND	ug/kg	5	05/20/98	SAC	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	05/20/98	SAC	95-47-6
Styrene	ND	ug/kg	5	05/20/98	SAC	100-42-5
Bromoform	ND	ug/kg	5	05/20/98	SAC	75-25-2

Pace Project Number:

1 7422

Client Project ID:

80514-04

Pace Sample No: 10639987 Date Collected: 05/13/98

Matrix: Soil

Client Sample ID: T11-3-3.0 Date Received: 05/15/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene (Cumene)	ND	ug/kg	5	05/20/98	SAC	98-82-8
1,1,2,2 Tetrachloroethane	ND	ug/kg	5	05/20/98	SAC	79-34-5
Bromobenzene	ND	ug/kg	5	05/20/98	SAC	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	05/20/98	SAC	96-18-4
n-Propylbenzene	ND	ug/kg	5	05/20/98	SAC	103-65-1
2-Chlorotoluene	ND	ug/kg	5	05/20/98	SAC	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	05/20/98	SAC	108-67-8
4-Chlorotoluene	ND	ug/kg	5	05/20/98	SAC	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	05/20/98	SAC	95-63-6
sec-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	135-98-8
tert-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	05/20/98	SAC	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	106-46-7
n-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	05/20/98	SAC	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	05/20/98	SAC	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	05/20/98	SAC	87-68-3
Naphthalene	ND	ug/kg	5	05/20/98	SAC	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	05/20/98	SAC	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	10061-02-6
cis-1,3-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	05/20/98	SAC	110-75-8
Acetone	ND	ug/kg	20	05/20/98	SAC	67-64-1
2-Butanone	ND	ug/kg	10	05/20/98	SAC	78-93-3
4-Methyl-2-Pentanone	ND	ug/kg	10	05/20/98	SAC	108-10-1
Carbon Disulfide	ND	ug/kg	10	05/20/98	SAC	75-15-0
2-Hexanone	ND	ug/kg	100	05/20/98	SAC	591-78-6

Vinyl Acetate	ND	ug/kg	100	05/20/98	SAC	108-05-4
Ethanol	ND	ug/kg	500	05/20/98	SAC	64-17-5
Methyl-tert-butyl Ether	ND	ug/kg	5	05/20/98	SAC	1634-04-4
Isopropyl Ether	ND	ug/kg	5	05/20/98	SAC	108-20-3
Ethyl tert-butyl ether	ND	ug/kg	5	05/20/98	SAC	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	05/20/98	SAC	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	05/20/98	SAC	75-65 0
Dibromofluoromethane (S)	106	%		05/20/98	SAC	1868-53-7
Toluene-d8 (S)	100	%		05/20/98	SAC	2037-26-5
4-Bromofluorobenzene (S)	112	%		05/20/98	SAC	460-00-4
1,2-Dichloroethane d4 (S)	142	%		05/20/98	SAC	17060-07-

Pace Analytical

DATE: 05/21/98

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Pace Project Number:

: 7422

Client Project ID:

980514-04

Pace Sample No: 10639995 Date Collected: 05/13/98

Matrix: Soil

Client Sample ID: T13-1-3.0 Date Received: 05/15/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
GC/MS -- VOA						
GC/MS VOCs by 8260 60	Method: EPA 8260					Prep Method: EPA
Dichlorodifluoromethane	ND	ug/kg	5	05/20/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	05/20/98	SAC	74 87-3
Vinyl Chloride	ND	ug/kg	5	05/20/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	05/20/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	05/20/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	05/20/98	SAC	75 69-4
Methylene Chloride	ND	ug/kg	5	05/20/98	SAC	75-09-2
1,1 Dichloroethene	ND	ug/kg	5	05/20/98	SAC	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	05/20/98	SAC	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	594-20 7
cis-1,2-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	05/20/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	05/20/98	SAC	74 97 5
1,1,1-Trichloroethane	ND	ug/kg	5	05/20/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	05/20/98	SAC	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	563-58-6
Benzene	ND	ug/kg	5	05/20/98	SAC	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	05/20/98	SAC	107 06 2
Trichloroethene	ND	ug/kg	5	05/20/98	SAC	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	78-87-5
Bromodichloromethane	ND	ug/kg	5	05/20/98	SAC	75 27 4
Dibromomethane	ND	ug/kg	5	05/20/98	SAC	74-95-3
Toluene	ND	ug/kg	5	05/20/98	SAC	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	05/20/98	SAC	79-00-5
Tetrachloroethene	ND	ug/kg	5	05/20/98	SAC	127-18-4

1,3-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	142-28-9
Dibromochloromethane	ND	ug/kg	5	05/20/98	SAC	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	05/20/98	SAC	106-93-4
Chlorobenzene	ND	ug/kg	5	05/20/98	SAC	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	05/20/98	SAC	630-20-6
Ethylbenzene	ND	ug/kg	5	05/20/98	SAC	100-41-4
M&P-Xylene	ND	ug/kg	5	05/20/98	SAC	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	05/20/98	SAC	95-47-6
Styrene	ND	ug/kg	5	05/20/98	SAC	100-42-5
Bromoform	ND	ug/kg	5	05/20/98	SAC	75-25-2

Pace Analytical

DATE: 05/21/98

I.GE: 13

Pace Project Number:

: 7422

Client Project ID:

980514-04

Pace Sample No: 10639995 Date Collected: 05/13/98

Matrix: Soil

Client Sample ID: T13-1-3.0 Date Received: 05/15/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene (Cumene)	ND	ug/kg	5	05/20/98	SAC	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	05/20/98	SAC	79-34-5
Bromobenzene	ND	ug/kg	5	05/20/98	SAC	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	05/20/98	SAC	96-18-4
n-Propylbenzene	ND	ug/kg	5	05/20/98	SAC	103-65-1
2-Chlorotoluene	ND	ug/kg	5	05/20/98	SAC	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	05/20/98	SAC	108-67-8
4-Chlorotoluene	ND	ug/kg	5	05/20/98	SAC	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	05/20/98	SAC	95-63-6
sec-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	135 98 8
tert-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	05/20/98	SAC	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	106 46 7
n Butylbenzene	ND	ug/kg	5	05/20/98	SAC	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	95 50 1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	05/20/98	SAC	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	05/20/98	SAC	120 82 1
Hexachlorobutadiene	ND	ug/kg	5	05/20/98	SAC	87-68-3
Naphthalene	ND	ug/kg	5	05/20/98	SAC	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	05/20/98	SAC	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	10061-02-6
cis-1,3-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	05/20/98	SAC	110-75-8
Acetone	ND	ug/kg	20	05/20/98	SAC	67-64-1
2-Butanone	ND	ug/kg	10	05/20/98	SAC	78 93 3
4-Methyl-2-Pentanone	ND	ug/kg	10	05/20/98	SAC	108-10-1
Carbon Disulfide	ND	ug/kg	10	05/20/98	SAC	75-15-0
2 Hexanone	ND	ug/kg	100	05/20/98	SAC	591-78-6

Vinyl Acetate	ND	ug/kg	100	05/20/98	SAC	108-05-4
Ethanol	ND	ug/kg	500	05/20/98	SAC	64-17-5
Methyl-tert-butyl Ether	ND	ug/kg	5	05/20/98	SAC	1634-04-4
Isopropyl Ether	ND	ug/kg	5	05/20/98	SAC	108-20-3
Ethyl tert butyl ether	ND	ug/kg	5	05/20/98	SAC	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	05/20/98	SAC	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	05/20/98	SAC	75-65-0
Dibromofluoromethane (S)	106	%		05/20/98	SAC	1868-53-7
Toluene-d8 (S)	106	%		05/20/98	SAC	2037-26-5
4-Bromofluorobenzene (S)	114	%		05/20/98	SAC	460-00-4
1,2 Dichloroethane-d4 (S)	140	%		05/20/98	SAC	17060-07-

Pace Project Number:

7422

Client Project ID:

70514-04

Pace Sample No: 10640001 Date Collected: 05/13/98

Matrix: Soil

Client Sample ID: T13-3-3.0 Date Received: 05/15/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
GC/MS -- VOA						
GC/MS VOCs by 8260 8260	Method: EPA 8260				Prep Method: EPA	
Dichlorodifluoromethane	ND	ug/kg	5	05/20/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	05/20/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	05/20/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	05/20/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	05/20/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	05/20/98	SAC	75-69-4
Methylene Chloride	ND	ug/kg	5	05/20/98	SAC	75-09-2
1,1 Dichloroethene	ND	ug/kg	5	05/20/98	SAC	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	05/20/98	SAC	75-34-3
2,2 Dichloropropane	ND	ug/kg	5	05/20/98	SAC	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	05/20/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	05/20/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	05/20/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	05/20/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	05/20/98	SAC	56-23-5
1,1 Dichloropropene	ND	ug/kg	5	05/20/98	SAC	563-58-6
Benzene	ND	ug/kg	5	05/20/98	SAC	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	05/20/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	05/20/98	SAC	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	78-87-5
Bromodichloromethane	ND	ug/kg	5	05/20/98	SAC	75-27-4
Dibromomethane	ND	ug/kg	5	05/20/98	SAC	74-95-3
Toluene	ND	ug/kg	5	05/20/98	SAC	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	05/20/98	SAC	79-00-5
Tetrachloroethene	ND	ug/kg	5	05/20/98	SAC	127-18-4

1,3-Dichloropropane	ND	ug/kg	5	05/20/98	SAC	142-28-9
Dibromochloromethane	ND	ug/kg	5	05/20/98	SAC	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	05/20/98	SAC	106-93-4
Chlorobenzene	ND	ug/kg	5	05/20/98	SAC	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	05/20/98	SAC	630-20-6
Ethylbenzene	ND	ug/kg	5	05/20/98	SAC	100-41-4
M&P-Xylene	ND	ug/kg	5	05/20/98	SAC	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	05/20/98	SAC	95-47-6
Styrene	ND	ug/kg	5	05/20/98	SAC	100-42-5
Bromoform	ND	ug/kg	5	05/20/98	SAC	75-25-2

Pace Analytical

DATE: 05/21/98

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Pace Project Number:

: 7422

Client Project ID:

0514 04

Pace Sample No: 10640001 Date Collected: 05/13/98

Matrix: Soil

Client Sample ID: T13-3-3.0 Date Received: 05/15/98

Parameters / Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene (Cumene)	ND	ug/kg	5	05/20/98	SAC	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	05/20/98	SAC	79-34-5
Bromobenzene	ND	ug/kg	5	05/20/98	SAC	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	05/20/98	SAC	96-18-4
n-Propylbenzene	ND	ug/kg	5	05/20/98	SAC	103-65-1
2-Chlorotoluene	ND	ug/kg	5	05/20/98	SAC	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	05/20/98	SAC	108-67-8
4-Chlorotoluene	ND	ug/kg	5	05/20/98	SAC	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	05/20/98	SAC	95-63-6
sec-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	135-98-8
tert-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	05/20/98	SAC	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	106-46-7
n-Butylbenzene	ND	ug/kg	5	05/20/98	SAC	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	05/20/98	SAC	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	05/20/98	SAC	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	05/20/98	SAC	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	05/20/98	SAC	87-68-3
Naphthalene	ND	ug/kg	5	05/20/98	SAC	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	05/20/98	SAC	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	10061-02-6
cis-1,3-Dichloropropene	ND	ug/kg	5	05/20/98	SAC	10061-01
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	05/20/98	SAC	110-75-8
Acetone	ND	ug/kg	20	05/20/98	SAC	67-64-1
2-Butanone	ND	ug/kg	10	05/20/98	SAC	78-93-3
4-Methyl-2-Pentanone	ND	ug/kg	10	05/20/98	SAC	108-10-1
Carbon Disulfide	ND	ug/kg	10	05/20/98	SAC	75-15-0
2-Hexanone	ND	ug/kg	100	05/20/98	SAC	591-78-6

Vinyl Acetate	ND	ug/kg	100	05/20/98	SAC	108-05-4
Ethanol	ND	ug/kg	500	05/20/98	SAC	64 17 5
Methyl-tert-butyl Ether	ND	ug/kg	5	05/20/98	SAC	1634-04-4
Isopropyl Ether	ND	ug/kg	5	05/20/98	SAC	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	05/20/98	SAC	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	05/20/98	SAC	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	05/20/98	SAC	75-65-0
Dibromofluoromethane (S)	108	%		05/20/98	SAC	1868-53-7
Toluene-d8 (S)	104	%		05/20/98	SAC	2037-26-5
4 Bromofluorobenzene (S)	112	%		05/20/98	SAC	460-00-4
1,2-Dichloroethane-d4 (S)	140	%		05/20/98	SAC	17060-07-

DATE: 05/21/98

Pace Project Number:
: 7422

Client Project ID:
980514-04

PARAMETER FOOTNOTES

Not Detected
NC Not Calculable
PQL Pace Reporting Limit
Surrogate
[J] Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
Confirmed by second analysis.
The internal standard response was below criteria due to the purging efficiency of the soil matrix. Results may be
biased high.

QUALITY CONTROL DATA

DATE: 05/21/98

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Pace Analytical Long Beach SC
107422
3960 Gilman Street
9 0514-04
Long Beach, CA 90815

Pace Project Number:

Client Project ID:

Attn: Mr. Richard Villafania
Phone: (562)498-9515

QC Batch ID: 12745 QC Batch Method: EPA 8260
Analysis Method: EPA 8260 Analysis Description: GC/MS VOCs by 8260
Associated Pace Samples: 10639946 10639953 10639961 10639979 10639987
10639995 10640001

METHOD BLANK: 10648855
Associated Pace Samples:
10639946 10639953 10639961 10639979 10639987
10639995 10640001

Parameter	Units	Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/kg	ND	5	
Chloromethane	ug/kg	ND	5	
Vinyl Chloride	ug/kg	ND	5	
Bromomethane	ug/kg	ND	5	
Chloroethane	ug/kg	ND	5	
Trichlorofluoromethane	ug/kg	ND	5	
Methylene Chloride	ug/kg	ND	5	
1,1-Dichloroethene	ug/kg	ND	5	
trans-1,2-Dichloroethene	ug/kg	ND	5	
1,1-Dichloroethane	ug/kg	ND	5	
2,2-Dichloropropane	ug/kg	ND	5	
cis-1,2-Dichloroethene	ug/kg	ND	5	
Chloroform	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,1,1-Trichloroethane	ug/kg	ND	5	
Carbon Tetrachloride	ug/kg	ND	5	
1,1-Dichloropropene	ug/kg	ND	5	

Benzene	ug/kg	ND	5
1,2-Dichloroethane	ug/kg	ND	5
Trichloroethene	ug/kg	ND	5
1,2-Dichloropropane	ug/kg	ND	5
Bromodichloromethane	ug/kg	ND	5
Dibromomethane	ug/kg	ND	5
Toluene	ug/kg	ND	5

QUALITY CONTROL DATA

DATE: 05/21/98

Pace Project Number:

7422

Client Project ID:

980514-04

METHOD BLANK: 10648855
Associated Pace Samples:
10639946 10639953 10639961 10639979 10639987 10639995 10640001

Parameter	Units	Method Blank Result	PRL	Footnotes
1,2-Trichloroethane	ug/kg	ND	5	
Tetrachloroethene	ug/kg	ND	5	
1,3-Dichloropropane	ug/kg	ND	5	
Dibromochloromethane	ug/kg	ND	5	
1,2-Dibromoethane	ug/kg	ND	5	
Chlorobenzene	ug/kg	ND	5	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5	
Ethylbenzene	ug/kg	ND	5	
M&P-Xylene	ug/kg	ND	5	
O-Xylene (1,2 Dimethylbenzene)	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
Bromoform	ug/kg	ND	5	
Isopropylbenzene (Cumene)	ug/kg	ND	5	
1,1,2,2 Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
1,2,3-Trichloropropane	ug/kg	ND	5	
n-Propylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
1,3,5-Trimethylbenzene	ug/kg	ND	5	
4 Chlorotoluene	ug/kg	ND	5	
1,2,4-Trimethylbenzene	ug/kg	ND	5	
sec-Butylbenzene	ug/kg	ND	5	
tert-Butylbenzene	ug/kg	ND	5	
p-Isopropyltoluene	ug/kg	ND	5	
1,3-Dichlorobenzene	ug/kg	ND	5	
1,4-Dichlorobenzene	ug/kg	ND	5	
n-Butylbenzene	ug/kg	ND	5	
1,2 Dichlorobenzene	ug/kg	ND	5	
1,2-Dibromo-3-Chloropropane	ug/kg	ND	5	
1,2,4-Trichlorobenzene	ug/kg	ND	5	
Hexachlorobutadiene	ug/kg	ND	5	

Naphthalene	ug/kg	ND	5
1,2,3-Trichlorobenzene	ug/kg	ND	5
trans-1,3-Dichloropropene	ug/kg	ND	5
cis-1,3-Dichloropropene	ug/kg	ND	5
2-Chloroethyl Vinyl Ether	ug/kg	ND	5
Acetone	ug/kg	ND	20
2-Butanone	ug/kg	ND	10

QUALITY CONTROL DATA

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Pace Project Number:

7422

Client Project ID:

980514-04

METHOD BLANK: 10648855

Associated Pace Samples:

10639946 10639953 10639961 10639979 10639987 10639995 10640001

Parameter	Units	Method Blank Result	PRL	Footnotes
4-Methyl-2-Pentanone	ug/kg	ND	10	
Carbon Disulfide	ug/kg	ND	10	
2-Hexanone	ug/kg	ND	100	
Vinyl Acetate	ug/kg	ND	100	
Ethyl-tert-butyl Ether	ug/kg	ND	5	
Ethanol	ug/kg	ND	500	
Isopropyl Ether	ug/kg	ND	5	
Ethyl-tert butyl ether	ug/kg	ND	5	
tert-Amylmethyl ether	ug/kg	ND	5	
2-Methyl-2-propanol	ug/kg	ND	100	
Dibromofluoromethane (S)	%	104		
Toluene-d8 (S)	%	102		
4-Bromofluorobenzene (S)	%	108		
1,2-Dichloroethane-d4 (S)	%	122		

LABORATORY CONTROL SAMPLE: 10648863

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	50	50.00	100	
Chloromethane	ug/kg	50	47.00	94.0	
Vinyl Chloride	ug/kg	50	56.00	112	
Bromomethane	ug/kg	50	45.00	90.0	
Chloroethane	ug/kg	50	56.00	112	
Trichlorofluoromethane	ug/kg	50	56.00	112	
Methylene Chloride	ug/kg	50	54.00	108	
1,1-Dichloroethene	ug/kg	50	58.00	116	
trans-1,2-Dichloroethene	ug/kg	50	56.00	112	
1,1-Dichloroethane	ug/kg	50	58.00	116	

2-Dichloropropane	ug/kg	50	59.00	118
s-1,2-Dichloroethene	ug/kg	50	55.00	110
Chloroform	ug/kg	50	57.00	114
Bromochloromethane	ug/kg	50	63.00	126
1,1-Trichloroethane	ug/kg	50	55.00	110
Carbon Tetrachloride	ug/kg	50	54.00	108
1,1-Dichloropropene	ug/kg	50	60.00	120
Benzene	ug/kg	50	56.00	112

QUALITY CONTROL DATA

DATE: 05/21/98

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Pace Project Number:

7422

Client Project ID:

980514-04

LABORATORY CONTROL SAMPLE: 10648863

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
1,2-Dichloroethane	ug/kg	50	65.00	130	
ichloroethene	ug/kg	50	57.00	114	
2-Dichloropropane	ug/kg	50	57.00	114	
Bromodichloromethane	ug/kg	50	58.00	116	
Dibromomethane	ug/kg	50	68.00	136	
luene	ug/kg	50	55.00	110	
1,1,2-Trichloroethane	ug/kg	50	69.00	138	
Tetrachloroethene	ug/kg	50	52.00	104	
3-Dichloropropane	ug/kg	50	63.00	126	
bromochloromethane	ug/kg	50	60.00	120	
1,2-Dibromoethane	ug/kg	50	73.00	146	
hlorobenzene	ug/kg	50	56.00	112	
1,1,1,2-Tetrachloroethane	ug/kg	50	56.00	112	
thylbenzene	ug/kg	50	54.00	108	
M&P-Xylene	ug/kg	100	100.0	100	
Xylene (1,2-Dimethylbenzene)	ug/kg	50	55.00	110	
yrene	ug/kg	50	57.00	114	
Bromoform	ug/kg	50	73.00	146	
opropylbenzene (Cumene)	ug/kg	50	57.00	114	
1,2,2-Tetrachloroethane	ug/kg	50	78.00	156	
Bromobenzene	ug/kg	50	55.00	110	
1,2,3-Trichloropropane	ug/kg	50	76.00	152	
Propylbenzene	ug/kg	50	52.00	104	
Chlorotoluene	ug/kg	50	51.00	102	
1,3,5-Trimethylbenzene	ug/kg	50	52.00	104	
Chlorotoluene	ug/kg	50	51.00	102	
2,4-Trimethylbenzene	ug/kg	50	50.00	100	
sec-Butylbenzene	ug/kg	50	54.00	108	
ert-Butylbenzene	ug/kg	50	53.00	106	
Isopropyltoluene	ug/kg	50	52.00	104	
1,3-Dichlorobenzene	ug/kg	50	51.00	102	
1,4-Dichlorobenzene	ug/kg	50	52.00	104	
Butylbenzene	ug/kg	50	53.00	106	
2-Dichlorobenzene	ug/kg	50	56.00	112	
1,2-Dibromo-3-Chloropropane	ug/kg	50	100.0	200	

1	2,4-Trichlorobenzene	ug/kg	50	24.00	48.0
H	exachlorobutadiene	ug/kg	50	55.00	110
Naphthalene		ug/kg	50	85.00	170
1	2,3 Trichlorobenzene	ug/kg	50	57.00	114
t	rans-1,3-Dichloropropene	ug/kg	50	64.00	128
cis	-1,3-Dichloropropene	ug/kg	50	59.00	118

QUALITY CONTROL DATA

DATE: 05/21/98

GE: 21

Pace Project Number:

/422

Client Project ID:

980514-04

LABORATORY CONTROL SAMPLE: 10640863

rameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
bromofluoromethane (S)				104	
luene d8 (S)				104	
Bromofluorobenzene (S)				116	
1,2-Dichloroethane-d4 (S)				122	

DATE: 05/21/98

I CE: 22

Pace Project Number:

: 7422

Client Project ID:

980514-04

QUALITY CONTROL DATA PARAMETER FOOTNOTES

(nsistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
[	Not Calculable
PQL	Pace Reporting Limit
RPD	Relative Percent Difference
)	Surrogate

Advanced Technology Laboratories

May 26, 1998 ELAP No.. 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafana

Client's Project: 980522-03 Archive
Lab No.: 26187-001/006

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report

This report pertains only to the samples investigated and does not necessarily apply to other apparently similar or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989 4045 Fax: 562 989-4040

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project:	Archive
Date Received:	05/21/98
Extraction Method:	3550
Matrix:	Soil
Units:	ug/kg

EPA Method 8080

Lab No.:	Method Blank		26187-003		LCS							
Client Sample I.D.:	--		T8-3-5		---							
Date Sampled:	--		NA		---							
QC Batch #:	G980808S174		G980808S174		G980808S174							
Date Extracted:	05/22/98		05/22/98		05/22/98							
Date Analyzed :	05/22/98		05/22/98		05/22/98							
Analyst Initials:	DT		DT		DT							
Dilution Factor:	1		1		1							
ANALYTE	MD	DLR	Results	DLR	Results	%Rec.	Limits					
Alpha-BHC	2	2	ND	2	ND	97	26-143					
Gamma-BHC (Lindane)	2	2	ND	2	ND	96	26-143					
Beta-BHC	2	2	ND	2	ND	79	26-143					
Heptachlor	2	2	ND	2	ND	105	26-143					
Delta-BHC	2	2	ND	2	ND	98	26-143					
Aldrin	2	2	ND	2	ND	100	26-143					
Heptachlor Epoxide	2	2	ND	2	ND	103	26-143					
Endosulfan I	2	2	ND	2	ND	105	26-143					
4,4'-DDE	4	4	ND	4	ND	102	26-143					
Dieldrin	4	4	ND	4	ND	97	26-143					
Endrin	4	4	ND	4	ND	96	26-143					
4,4'-DDD	4	4	ND	4	ND	97	26-143					
Endosulfan II	4	4	ND	4	ND	110	26-143					
4,4'-DDT	4	4	ND	4	ND	81	26-143					
Endrin Aldehyde	4	4	ND	4	ND	118	26-143					
Endosulfan Sulfate	4	4	ND	4	ND	103	26-143					
Methoxychlor	17	17	ND	17	ND	91	26-143					
Chlordane	17	17	ND	17	ND	NS	NS					
Toxaphene	170	170	ND	170	ND	NS	NS					
Aroclor-1016	33	33	ND	33	ND	NS	NS					
Aroclor-1221	67	67	ND	67	ND	NS	NS					
Aroclor-1232	33	33	ND	33	ND	NS	NS					
Aroclor-1242	33	33	ND	33	ND	NS	NS					
Aroclor-1248	33	33	ND	33	ND	NS	NS					
Aroclor-1254	33	33	ND	33	ND	97	25-175					
Aroclor-1260	33	33	ND	33	ND	NS	NS					
Aroclor-1262	33	33	ND	33	ND	NS	NS					
Aroclor-1268	33	33	ND	33	ND	NS	NS					

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____
Lee Ingvaldson
Department Supervisor

Date: 5/24/98

The cover letter is an integral part of this analytical report

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: Archive
Date Received: 05/21/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:	Method Blank	26187-004	26187-005	LCS
Client Sample I.D.:	--	T8-4-5	T13-2-5	---
Date Sampled:	--	NA	NA	---
QC Batch #:	S98827085122	S98827085122	S98827085122	S98827085122
Date Extracted:	05/22/98	05/22/98	05/22/98	05/22/98
Date Analyzed:	05/26/98	05/26/98	05/26/98	05/26/98
Analyst Initials:	SM	SM	SM	SM
Dilution Factor:	1	1	1	1

ANALYTE	MDL	DLR	Result	DLR	Result	DLR	Result	Limits	%Rec
Phenol	330	330	ND	330	ND	330	1110	11-182	29
bis (2-Chloroethyl)ether	330	330	ND	330	ND	330	ND	11-182	83
2-Chlorophenol	330	330	ND	330	ND	330	ND	11-182	70
1,3-Dichlorobenzene	330	330	ND	330	ND	330	ND	11-182	63
1,4-Dichlorobenzene	330	330	ND	330	ND	330	ND	11-182	57
Benzyl Alcohol	660	660	ND	660	ND	660	ND	11-182	67
1,2-Dichlorobenzene	330	330	ND	330	ND	330	ND	11-182	60
2-Methylphenol	330	330	ND	330	ND	330	ND	11-182	60
bis(2-chloroisopropyl)ether	330	330	ND	330	ND	330	ND	11-182	60
n-Nitroso-di-n-propylamine	330	330	ND	330	ND	330	ND	11-182	73
4-Methylphenol	330	330	ND	330	ND	330	ND	11-182	57
Hexachloroethane	330	330	ND	330	ND	330	ND	11-182	50
Nitrobenzene	330	330	ND	330	ND	330	ND	11-182	80
Isophorone	330	330	ND	330	ND	330	ND	11-182	83
2-Nitrophenol	330	330	ND	330	ND	330	ND	11-182	97
2,4-Dimethylphenol	330	330	ND	330	ND	330	ND	11-182	73
bis(2-Chloroethoxy)methane	330	330	ND	330	ND	330	ND	11-182	83
2,4-Dichlorophenol	330	330	ND	330	ND	330	ND	11-182	83
Benzoic Acid	1700	1700	ND	1700	ND	1700	ND	11-182	17
1,2,4-Trichlorobenzene	330	330	ND	330	ND	330	ND	11-182	73
Naphthalene	330	330	ND	330	ND	330	ND	11-182	77
4-Chloroaniline	330	330	ND	330	ND	330	ND	11-182	73
Hexachlorobutadiene	330	330	ND	330	ND	330	ND	11-182	67
4-Chloro-3-methylphenol	660	660	ND	660	ND	660	ND	11-182	73
2-Methylnaphthalene	330	330	ND	330	ND	330	ND	11-182	83
Hexachlorocyclopentadiene	660	660	ND	660	ND	660	ND	11-182	53
2,4,6-Trichlorophenol	330	330	ND	330	ND	330	ND	11-182	73
2,4,5-Trichlorophenol	330	330	ND	330	ND	330	ND	11-182	77
2-Chloronaphthalene	330	330	ND	330	ND	330	ND	11-182	70
2-Nitroaniline	1700	1700	ND	1700	ND	1700	ND	11-182	83
Dimethylphthalate	330	330	ND	330	ND	330	ND	11-182	26
Acenaphthylene	330	330	ND	330	ND	330	ND	11-182	83
2,6-Dinitrotoluene	330	330	ND	330	ND	330	ND	11-182	103
3-Nitroaniline	1700	1700	ND	1700	ND	1700	ND	11-182	83

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed
The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania
Client's Project: Archive
Date Received: 05/21/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:		Method Blank		26187-004		26187-005		LCS					
Client Sample I.D.:		---		T8-4-5		T13-2-5		---					
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	Limits	%Rec				
Acenaphthene	330	330	ND	330	ND	330	ND	11-182	83				
2,4-Dinitrophenol	1700	1700	ND	1700	ND	1700	ND	11-182	110				
Dibenzofuran	330	330	ND	330	ND	330	ND	11-182	87				
4-Nitrophenol	1700	1700	ND	1700	ND	1700	ND	11-182	33				
2,4-Dinitrotoluene	330	330	ND	330	ND	330	ND	11-182	113				
Fluorene	330	330	ND	330	ND	330	ND	11-182	80				
Diethylphthalate	330	330	ND	330	ND	330	ND	11-182	43				
4-Chlorophenyl-phenyl ether	330	330	ND	330	ND	330	ND	11-182	80				
4-Nitroaniline	1700	1700	ND	1700	ND	1700	ND	11-182	70				
4,6-Dinitro-2-methylphenol	1700	1700	ND	1700	ND	1700	ND	11-182	117				
n-Nitrosodiphenylamine	330	330	ND	330	ND	330	ND	11-182	40				
4-Bromophenyl-phenyl ether	330	330	ND	330	ND	330	ND	11-182	83				
Hexachlorobenzene	330	330	ND	330	ND	330	ND	11-182	93				
Pentachlorophenol	1700	1700	ND	1700	ND	1700	ND	11-182	67				
Phenanthrene	330	330	ND	330	ND	330	ND	11-182	87				
Anthracene	330	330	ND	330	ND	330	ND	11-182	90				
Di-n-butylphthalate	330	330	ND	330	ND	330	ND	11-182	80				
Fluoranthene	330	330	ND	330	ND	330	ND	11-182	93				
Pyrene	330	330	ND	330	ND	330	ND	11-182	97				
Butylbenzylphthalate	330	330	ND	330	ND	330	ND	11-182	93				
Benzo[a]anthracene	330	330	ND	330	ND	330	ND	11-182	100				
3,3'-Dichlorobenzidine	660	660	ND	660	ND	660	ND	11-182	93				
Chrysene	330	330	ND	330	ND	330	ND	11-182	93				
bis(2-Ethylhexyl)phthalate	330	330	ND	330	ND	330	2420	11-182	83				
Di-n-octylphthalate	330	330	ND	330	ND	330	ND	11-182	63				
Benzo[b]fluoranthene	330	330	ND	330	ND	330	ND	11-182	67				
Benzo[k]fluoranthene	330	330	ND	330	ND	330	ND	11-182	80				
Benzo[a]pyrene	330	330	ND	330	ND	330	ND	11-182	14				
Indeno[1,2,3-cd]pyrene	330	330	ND	330	ND	330	ND	11-182	137				
Dibenz[a,h,]anthracene	330	330	ND	330	ND	330	ND	11-182	143				
Benzo[g,h,i]perylene	330	330	ND	330	ND	330	ND	11-182	170				

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed

Approved/Reviewed By: _____ Date: 5/28/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: Archive
Date Received: 05/21/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	Method Blank		26187-001		26187-002		26187-003		26187-006	
Client Sample I.D.:	--		T13-1-5		T8-2-5		T8-3-5		T13-3-5	
Date Sampled:	--		NA		NA		NA		NA	
QC Batch #:	P98VOCS091		P98VOCS091		P98VOCS091		P98VOCS091		P98VOCS091	
Date Analyzed:	05/22/98		05/22/98		05/22/98		05/22/98		05/22/98	
Analyst Initials:	EM		EM		EM		EM		EM	
Dilution Factor:	1		1		1		1		1	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Benzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromodichloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromoform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
sec-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
tert-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Carbon tetrachloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
4-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromochloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dibromo-3-chloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2-Dibromoethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,4-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dichlorodifluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
cis-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: Archive
Date Received: 05/21/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	Method Blank		26187-001		26187-002		26187-003		26187-006	
Client Sample I.D.:	--		T13-1-5		T8-2-5		T8-3-5		T13-3-5	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
trans-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloropropene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Ethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Hexachlorobutadiene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Isopropylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
p-Isopropyltoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Methylene Chloride	15	15	ND	15	ND	15	ND	15	ND	15	ND
Naphthalene	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Propylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Styrene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Tetrachloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Toluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,4-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichlorofluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2,4-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3,5-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Vinyl Chloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Xylenes (Total)	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 5/27/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: Archive
Date Received: 05/21/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	LCS										
Client Sample I.D.:	--										
Date Sampled:	--										
QC Batch #:	P98VOCS091										
Date Analyzed:	05/22/98										
Analyst Initials:	EM										
Dilution Factor:	1										

ANALYTE	MDL	Limit	% Rec.	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Benzene	5	21-175	114								
Bromobenzene	5	21-175	121								
Bromodichloromethane	5	21-175	111								
Bromoform	5	21-175	114								
Bromomethane	5	21-175	106								
n-Butylbenzene	5	21-175	136								
sec-Butylbenzene	5	21-175	125								
tert-Butylbenzene	5	21-175	125								
Carbon tetrachloride	5	21-175	115								
Chlorobenzene	5	21-175	112								
Chloroethane	5	21-175	124								
Chloroform	5	21-175	92								
Chloromethane	5	21-175	47								
2-Chlorotoluene	5	21-175	128								
4-Chlorotoluene	5	21-175	130								
Dibromochloromethane	5	21-175	117								
1,2-Dibromo-3-chloropropane	10	21-175	113								
1,2-Dibromoethane	5	21-175	111								
Dibromomethane	5	21-175	111								
1,2-Dichlorobenzene	5	21-175	124								
1,3-Dichlorobenzene	5	21-175	123								
1,4-Dichlorobenzene	5	21-175	123								
Dichlorodifluoromethane	5	21-175	110								
1,1-Dichloroethane	5	21-175	91								
1,2-Dichloroethane	5	21-175	109								
1,1-Dichloroethene	5	21-175	91								
cis-1,2-Dichloroethene	5	21-175	91								

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: Archive
Date Received: 05/21/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:		LCS									
Client Sample I.D.:		--									
ANALYTE	MDL	Limit	% Rec.	DLR	Results	DLR	Results	DLR	Results	DLR	Results
trans-1,2-Dichloroethene	5	21-175	94								
1,2-Dichloropropane	5	21-175	105								
1,3-Dichloropropane	5	21-175	116								
2,2-Dichloropropane	5	21-175	96								
1,1-Dichloropropene	5	21-175	110								
Ethylbenzene	5	21-175	126								
Hexachlorobutadiene	5	21-175	135								
Isopropylbenzene	5	21-175	124								
p-Isopropyltoluene	5	21-175	129								
Methylene Chloride	15	21-175	91								
Naphthalene	5	21-175	101								
n-Propylbenzene	5	21-175	130								
Styrene	5	21-175	127								
1,1,1,2-Tetrachloroethane	5	21-175	118								
1,1,2,2-Tetrachloroethane	5	21-175	112								
Tetrachloroethene	5	21-175	130								
Toluene	5	21-175	117								
1,2,3-Trichlorobenzene	5	21-175	119								
1,2,4-Trichlorobenzene	5	21-175	125								
1,1,1-Trichloroethane	5	21-175	99								
1,1,2-Trichloroethane	5	21-175	108								
Trichloroethene	5	21-175	115								
Trichlorofluoromethane	5	21-175	115								
1,2,3-Trichloropropane	10	21-175	117								
1,2,4-Trimethylbenzene	5	21-175	125								
1,3,5-Trimethylbenzene	5	21-175	128								
Vinyl Chloride	5	21-175	56								
Xylenes (Total)	5	21-175	128								

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 5/27/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: Archive
Date Received: 05/21/98
Matrix: Soil
Units: ug/kg
Date Amended: 05/27/98

EPA Method 8260 (Oxygenated Compounds)

Lab No.:	Method Blank		26187-001		26187-002		26187-003		26187-006	
Client Sample I.D.:	---		T13-1-5		T8-2-5		T8-3-5		T13-3-5	
Date Sampled:	---		NA		NA		NA		NA	
QC Batch #:	P98VOCS091		P98VOCS09		P98VOCS091		P98VOCS09		P98VOCS091	
Date Analyzed:	05/22/98		05/22/98		05/22/98		05/22/98		05/22/98	
Analyst Initials:	EM		EM		EM		EM		EM	
Dilution Factor:	1		1		1		1		1	
ANALYTE	MDL									
Ethanol	2000	2000	ND	2000	ND	2000	ND	2000	ND	2000	ND
Tert-Butanol	100	100	ND	100	ND	100	ND	100	ND	100	ND
Methyl tert-Butyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND
Di-isopropyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND
Ethyl tert-Butyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND
Tert-Amyl methyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 5/27/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report - 8081(ug/Kg)

Method : C:\HPCHEM\1\METHODS\PCBPEST.M (Chemstation Integrator)
Title : 8081 Pesticides Advanced Technology Laboratory
Last Update : Thu May 14 11:33:52 1998
Response via : Initial Calibration

Non-Spiked Sample: 26185-36.D

	Spike Sample:	Spike Duplicate Sample
File ID :	GMS0522A.D	GMD0522A.D
Sample :	26185-36 MS E:5/22/98	26185-36 MSD E:5/22/98
Acq Time:	22 May 1998 8:29 pm	22 May 1998 9:06 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
gamma-BHC	0.0	40	39	40	97	101	4	9	50-127
Heptachlor	0.0	40	39	41	96	103	6	12	35-136
Aldrin	0.0	40	44	46	109	115	5	15	47-143
Dieldrin	0.0	80	83	90	104	112	7	8	54-134
Endrin	0.0	80	93	83	116	103	12	16	61-138
4,4'-DDT	0.0	80	75	85	94	106	12	22	15-155

QC Batch #:09980805174

Reviewed and Approved by: _____ Date: 5/26/98
Lee Ingvaldson
Organics Supervisor

Method : D:\HPCHEM\1\METHODS\8270C7A.M (RTE Integrator)
Title : EPA 8270C Advanced Technology Laboratory
Last Update : Wed May 13 14:08:24 1998
Response via : Initial Calibration

Non-Spiked Sample: SB0526B.D

	Spike Sample	Spike Duplicate Sample
File ID :	SMS0526A.D	SMD0526A.D
Sample :	soil 8270 e:5/22/98 S122 spike	soil 8270 e:5/22/98 S122 spike d
Acq Time:	26 May 1998 12:38 pm	26 May 1998 1:17 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.0	200	87	77	43	38	12	19	37- 92
2-Chlorophenol	0.0	200	148	130	74	65	13	20	33- 94
1,4-Dichlorobenzene	0.0	100	77	74	77	74	3	22	43- 91
N-Nitroso-di-n-propy	0.0	100	91	72	91	71	24	24	25-112
1,2,4-Trichlorobenze	0.0	100	90	85	90	85	7	19	47-104
4-Chloro-3-methylphe	0.0	200	148	128	74	64	15	19	33-106
Acenaphthene	0.0	100	97	86	97	86	11	19	39-103
4-Nitrophenol	0.0	200	89	90	45	45	0	21	22-117
2,4-Dinitrotoluene	0.0	100	94	101	94	101	7	21	46-106
Pentachlorophenol	0.0	200	150	122	75	61	21	24	11-120
Pyrene	0.0	100	107	90	107	90	17	17	24-124

QCBATCH#S988270S122

Reviewed/Approved By: _____ Date: 5/26/98
Lee Ingvaldson
Department Supervisor

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\PVS0521.M (RTE Integrator)
Title : VOC 8240/8260B Advanced Technology Laboratory
Last Update : Thu May 21 16:15:25 1998
Response via : Initial Calibration

Non-Spiked Sample: 26192-02.D

	Spike Sample	Spike Duplicate Sample
File ID :	PMS0522A.D	PMD0522B.D
Sample :	P98VOCS091/MS 26192-02	P98VOCS091/MS 26192-02
Acq Time:	22 May 98 6:01 pm	22 May 98 6:29 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-dichloroethene	0.0	50	38	44	76	88	14	20	58-156
benzene	0.0	50	47	52	94	104	10	12	72-134
trichloroethene	0.0	50	44	50	88	99	12	16	55-145
toluene	0.0	50	46	52	91	103	12	16	73-127
chlorobenzene	0.0	50	43	51	87	103	17#	11	80-119

- Fails Limit Check

QC BATCH #P98VOCS091

Reviewed and Approved by: _____ Date: 5/26/98
Lee Ingvaldson
Organics Supervisor

Spike Recovery and RPD Summary Report - SOIL(ug/kg)

Method : C:\HPCHEM\1\METHODS\PCB54.M (Chemstation Integrator)
Title : 8082 PCB's Advanced Technology Laboratory
Last Update : Fri Mar 20 12:30:24 1998
Response via : Initial Calibration

Non-Spiked Sample: GB0522A.D

	Spike Sample	Spike Duplicate Sample
File ID :	GMS0522B.D	GMD0522B.D
Sample :	Blank MS E:5/22/98	Blank MSD E:5/22/98
Acq Time:	23 May 1998 3:17 am	23 May 1998 3:54 am

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
AROCLOR 1254	0.0	200	196	195	98	98	1	50	55-149
AROCLOR 1254 (1)	0.0	200	197	199	99	99	1	50	55-149
AROCLOR 1254 (2)	0.0	200	198	201	99	101	2	50	55-149
AROCLOR 1254 (3)	0.0	200	208	213	104	106	2	50	55-149
AROCLOR 1254 (4)	0.0	200	206	208	103	104	1	50	55-149
AROCLOR 1254 (5)	0.0	200	195	192	98	96	2	50	55-149

QC Batch #:G980808S174

Reviewed and Approved by: _____ Date: 5/22/98
Lee Ingvaldson
Organics Supervisor

Pace Analytical

423625

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PACE
Address:
Phone:
Report To:
Bill To:
P.O. # / Billing Reference:
Project Name / No.: ARCHIVE
Sampled By (PRINT):
Sampler Signature:
Date Sampled:

Turn-around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week
- [ ] 2 Weeks
- [ ] Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.:
*Requested Due Date: 5-25-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8080	8260	8270	REMARKS
1	T13-1-5										X			
2	T8-2-5										X			
3	T8-3-5										X	X		
4	T8-4-5											X		
5	T13-2-5											X		
6	T13-3-5										X			
7	~~T13-3-5~~													
8	~~T13-3-3~~													

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
				ATL	5.50	5/21

SAMPLE CONDITION

Temp: ___ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980529-01
PACE ANALYTICAL WO #: 13325A
Client ID #:575-8G001

Date: 6/23/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/28/98 and received on 05/29/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Soil)	2-7
TPH-Speciation (Soil)	8-9
BTEX (Soil)	10-11
List of Abbreviations and Definitions	12

In addition the analysis for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980529-01
PACE ANALYTICAL WO#:13325A
Client ID#:575-SG001

Analyst:	BJ/VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TF32-1-10	TNF32-1-15	T7-1A-SUR	T7-1A-3	T7-1A-5	T7-1A-10	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	14	<5.0	<5.0	5.0	6010
Arsenic (As)	7.6	<5.0	<5.0	7.3	<5.0	<5.0	5.0	6010
Barium (Ba)	410	37	76	370	68	110	10	6010
Beryllium (Be)	0.8	<0.5	<0.5	0.5	0.8	<0.5	0.5	6010
Cadmium (Cd)	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	20	31	63	19	14	33	0.5	6010
Cobalt (Co)	20	4.7	14	8.5	6.5	6.1	1.0	6010
Copper (Cu)	36	5.3	8.0	51	13	14	2.5	6010
Lead (Pb)	21	15	23	5100	83	180	1.0	6010
Mercury (Hg)*	0.10	<0.05	0.06	0.14	<0.05	0.06	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	32	19	50	23	25	24	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	7.9	<5.0	<5.0	<5.0	<5.0	8.0	5.0	6010
Vanadium (V)	20	22	51	20	19	31	0.5	6010
Zinc (Zn)	84	35	50	130	57	50	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/10/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gitman St,
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980529-01
PACE ANALYTICAL WO#:13325A
Client ID#:575-6G001

Analyst: BJ/VN
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T5-2-SUR	T5-2-3	T5-2-5	T5-2-10	T5-1-SUR	T5-1-3		EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	PRL mg/Kg	Method
Date Analyzed:	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	13	<5.0	5.2	5.0	6010
Barium (Ba)	75	73	150	320	85	1600	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.5	0.9	<0.5	0.8	0.5	6010
Chromium (Cr)	55	52	36	23	19	22	0.5	6010
Cobalt (Co)	9.5	12	4.7	4.3	5.9	3.4	1.0	6010
Copper (Cu)	5.9	7.4	40	50	11	31	2.5	6010
Lead (Pb)	6.1	7.8	280	640	25	5300	1.0	6010
Mercury (Hg)*	0.05	0.06	8.5	3.5	0.07	0.09	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	41	32	24	16	21	14	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.6	<5.0	<5.0	5.0	6010
Vanadium (V)	50	43	21	18	22	22	0.5	6010
Zinc (Zn)	25	28	270	290	54	1200	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/10/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel. 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980529-01
PACE ANALYTICAL WO#:13325A
Client ID#:575-BG001

Analyst:	BJ/VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T5-1-5	R1-2-SUR	R1-2-2	R1-2-4	R1-2-10	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	9.5	8.3	8.4	5.8	<5.0	5.0	6010
Barium (Ba)	41	120	170	270	300	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.8	0.6	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.5	<0.5	0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	28	25	22	24	20	<0.5	0.5	6010
Cobalt (Co)	4.2	7.9	9.3	17	19	<1.0	1.0	6010
Copper (Cu)	3.3	31	23	52	28	<2.5	2.5	6010
Lead (Pb)	44	66	34	20	20	<1.0	1.0	6010
Mercury (Hg)*	0.11	0.07	0.12	0.05	0.07	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	18	26	32	39	36	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	6.0	6.4	6.6	6.4	<5.0	5.0	6010
Vanadium (V)	23	25	24	25	22	<0.5	0.5	6010
Zinc (Zn)	46	75	75	91	78	<10	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/10/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562 597-0786

Pace Analytical

PACE ANALYTICAL Project#:980529-01
PACE ANALYTICAL WO#:13335A
Client ID#:575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ/VN
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		06/18/98		06/18/98	06/18/98			
Analyte	EPA Method							
Antimony (Sb)	6010	92	70-130	68	70	60-130	2.9	0-25
Arsenic (As)	6010	92	78-104	90	89	34-135	1.1	0-15
Barium (Ba)	6010	101	81-117	90	90	55-130	0.0	0-25
Beryllium (Be)	6010	89	70-130	86	85	70-130	1.2	0-25
Cadmium (Cd)	6010	87	75-104	81	81	73-115	0.0	0-15
Chromium (Cr)	6010	92	81-103	87	86	62-125	1.2	0-15
Cobalt (Co)	6010	86	70-130	81	80	70-130	1.2	0-25
Copper (Cu)	6010	91	70-130	87	89	70-140	2.3	0-25
Lead (Pb)	6010	89	76-104	90	90	48-120	0.0	0-30
Mercury (Hg)*	7471	104	76-121	104	102	70-135	2.0	0-30
Molybdenum (Mo)	6010	93	70-130	86	85	70-130	1.2	0-25
Nickel (Ni)	6010	87	70-130	81	80	70-130	1.2	0-25
Selenium (Se)	6010	92	79-102	84	83	42-120	1.2	0-16
Silver (Ag)	6010	100	77-107	89	86	53-115	3.4	0-19
Thallium (Tl)	6010	92	70-130	85	88	70-130	3.5	0-25
Vanadium (V)	6010	91	70-130	89	88	70-130	1.1	0-25
Zinc (Zn)	6010	95	70-130	82	83	70-130	1.2	0-25

*Mercury analzyed on 06/10/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980529-01
PACE ANALYTICAL WO#:13325A
Client ID#:575-6G001

Analyst: BJ/VN
Preparation Analyst: JS
Proparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T17-1-SUR	T17-1-3	T17-1-5	TF32-1-SUR	TF32-1-3	TF32-1-5	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98		
Analyte									
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	9.0	10	8.5	<5.0	5.0	6010
Barium (Ba)	130	54	91	180	120	300	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	0.5	6010
Cadmium (Cd)	0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	39	29	28	26	25	20	<0.5	0.5	6010
Cobalt (Co)	11	5.2	7.4	15	13	13	<1.0	1.0	6010
Copper (Cu)	19	11	21	40	31	27	<2.5	2.5	6010
Lead (Pb)	51	34	92	70	12	11	<1.0	1.0	6010
Mercury (Hg)*	0.09	0.10	0.56	0.06	<0.05	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	28	20	22	35	39	33	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	5.5	<5.0	<5.0	8.8	10	8.8	<5.0	5.0	6010
Vanadium (V)	34	22	21	24	26	23	<0.5	0.5	6010
Zinc (Zn)	70	51	84	120	85	81	<10	10	6010
DF	1	1	1	1	1	1	1		

*Mercury analzyed on 06/10/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980529-01
PACE ANALYTICAL WO#:13325A
Client ID#:575-860001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ/VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/18/98		06/18/98	06/18/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	95	70-130	50*	51*	60-130	2.0	0-25
Arsenic (As)	6010	96	78-104	94	92	34-135	2.2	0-15
Barium (Ba)	6010	99	81-117	90	90	55-130	0.0	0-25
Beryllium (Be)	6010	93	70-130	89	87	70-130	2.3	0-25
Cadmium (Cd)	6010	91	75-104	81	82	73-115	1.2	0-15
Chromium (Cr)	6010	95	81-103	95	96	62-125	1.0	0-15
Cobalt (Co)	6010	93	70-130	85	79	70-130	7.3	0-25
Copper (Cu)	6010	97	70-130	82	88	70-140	7.1	0-25
Lead (Pb)	6010	92	76-104	82	81	48-120	1.2	0-30
Mercury (Hg)**	7471	101	76-121	103	98	70-135	5.0	0-30
Molybdenum (Mo)	6010	97	70-130	85	85	70-130	0.0	0-25
Nickel (Ni)	6010	91	70-130	72	110	70-130	42*	0-25
Selenium (Se)	6010	96	79-102	86	81	42-120	6.0	0-16
Silver (Ag)	6010	97	77-107	85	83	53-115	2.4	0-19
Thallium (Tl)	6010	96	70-130	97	95	70-130	2.1	0-25
Vanadium (V)	6010	95	70-130	91	85	70-130	6.8	0-25
Zinc (Zn)	6010	97	70-130	80	82	70-130	2.5	0-25

*Spike matrix effect.
**Mercury analzyed on 06/10/98.

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Pace Analytical

PACE ANALYTICAL Project#:960529-01
PACE ANALYTICAL WO#:13326A
Client ID#:575-8G001

Analyst: RG/WK
Preparation Analyst: RG.WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	05/29/98	<10	---	10	1
T17-1-S	05/29/98	<10	---	10	1
T17-1-3	05/29/98	<10	---	10	1
T17-1-5.0	05/29/98	<10	---	10	1
TF32-1-S	05/29/98	<10	---	10	1
TF32-1-3	05/29/98	<10	---	10	1
TF32-1-5.0	05/29/98	<10	---	10	1
TF32-1-10	05/29/98	<10	---	10	1
TF32-1-15	05/29/98	<10	---	10	1
T7-1A-S	05/29/98	<10	---	10	1
T7-1A-3	05/31/98	<10	---	10	1
T7-1A-5	05/31/98	<10	---	10	1
T7-1A-10	05/31/98	<10	---	10	1
T5-2-3	05/31/98	<10	---	10	1
T5-2-S	05/31/98	<10	---	10	1
T5-2-5	05/31/98	<10	---	10	1
T5-1-S	05/31/98	<10	---	10	1
T5-1-3	05/31/98	<10	---	10	1
T5-1-5	05/31/98	<10	---	10	1
R1-2-S	06/01/98	<10	---	10	1
R1-2-2	06/01/98	<10	---	10	1
R1-2-4	06/01/98	<10	---	10	1
R1-2-10	06/01/98	<10	---	10	1
T5-2-10	06/04/98	110	C15-C40 Oil	10	1

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PACE ANALYTICAL Project#:980529-01
PACE ANALYTICAL WO# 13325A
Client ID# 575-80001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/29/98		05/29/98	05/29/98			
TPH-Speciation	82	80-120	84	84	70-130	0.0	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/31/98		05/31/98	05/31/98			
TPH-Speciation	110	80-120	114	114	70-130	0.0	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/01/98		06/01/98	06/01/98			
TPH-Speciation	115	80-120	123	113	70-130	8.5	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/04/98		06/04/98	06/04/98			
TPH-Speciation	91	80-120	84	77	70-130	8.7	0-30

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Pace Analytical

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	T5-1-SUR	T5-1-3	T5-1-5.0	R1-2-SUR	R1-2-2	R1-2-4	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/29/98	05/29/98	05/29/98	05/29/98	05/29/98	05/29/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	104	104	106	102	100	102	59-134

Client ID:	R1-2-10	Method Blank	
Units:	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	05/29/98	05/29/98	
Analyte			
Benzene	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	5.0
Total Xylenes	<15	<15	15
DF	1	1	
Surrogate Recovery %:			Acceptable Range:
a,a,a-Trifluorotoluene	101	102	59-134

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Pace Analytical

PACE ANALYTICAL Project#:980529-01
PACE ANALYTICAL WO#:13925A
Client ID#:575-8Q001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/29/98		05/29/98	05/29/98			
Analyte							
Benzene	94	74-116	102	103	72-115	1.0	0-26
Toluene	102	73-116	105	104	70-114	1.0	0-22
Ethylbenzene	106	75-118	103	105	68-119	1.9	0-24
Total Xylenes	107	78-120	103	104	74-117	1.0	0-22

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659852 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	510	ug/kg	20	*	06/04/98	TAW	67-64-1	1,2	E
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Fax: 612 617-6444

Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659852 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	70	ug/kg	5	*	06/04/98	TAW	75-09-2	1	
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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June 11, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107665
Client Project ID: 980529-01

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659779 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-5.0 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659779 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-5.0 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/03/98	TAW	67-64-1	1,2	J
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

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Pace Analytical

Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659779 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-5.0 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/03/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/03/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/03/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/03/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/03/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/03/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/03/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/03/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/03/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/03/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/03/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/03/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/03/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/03/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/03/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/03/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-69-4		U

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Pace Analytical

Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659779 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-5.0 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/03/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/03/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/03/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/03/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/03/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659779 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-5.0 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/03/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/03/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	650	*	06/03/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/03/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	650	*	06/03/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659779 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-5.0 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	650	*	06/03/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/03/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/03/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/03/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/03/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/03/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/03/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/03/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	650	*	06/03/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/03/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/03/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/03/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/03/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/03/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/03/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/03/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/03/98	SAC	53-70-3		U

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659779 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-5.0 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/03/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/03/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/03/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/03/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/03/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/03/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/03/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/03/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/03/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/03/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/03/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/03/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/03/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/03/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	73	%		*	06/03/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	74	%		*	06/03/98	SAC	321-60-8		
2-Fluorophenol (S)	65	%		*	06/03/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	71	%		*	06/03/98	SAC	4165-60-0		
Phenol-d6 (S)	63	%		*	06/03/98	SAC	13127-88-3		

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659779 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-5.0 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	99	%		*	06/03/98	SAC	1718-51-0		
Date Extracted	06/01/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659787 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-15 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659787 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-15 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	45	ug/kg	20	*	06/03/98	TAW	67-64-1	1	
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659787 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-15 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/03/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/03/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/03/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/03/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/03/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/03/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/03/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/03/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/03/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/03/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/03/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/03/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/03/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/03/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/03/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/03/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659787 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-15 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/03/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/03/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	06/03/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/03/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/03/98	TAW	2037-26-5		
Total EPA 8260	**46**								

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659787 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-15 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/03/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/03/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/03/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/03/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/03/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107865
Client Project ID: 980529-01

Pace Sample No.: 10659787 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-15 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/03/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/03/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/03/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/03/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/03/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/03/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/03/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/03/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/03/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/03/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/03/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/03/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/03/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/03/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/03/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/03/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/03/98	SAC	53-70-3		U

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659787 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-15 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/03/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/03/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/03/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/03/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/03/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/03/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/03/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/03/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/03/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/03/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/03/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/03/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/03/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/03/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	84	%		*	06/03/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	74	%		*	06/03/98	SAC	321-60-8		
2-Fluorophenol (S)	62	%		*	06/03/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	71	%		*	06/03/98	SAC	4165-60-0		
Phenol-d6 (S)	65	%		*	06/03/98	SAC	13127-88-3		

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659787 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-15 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	105	%		*	06/03/98	SAC	1718-51-0		
Date Extracted	06/01/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659795 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T7-1A-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659795 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T7-1A-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/03/98	TAW	67-64-1	1,2	J
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659795 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T7-1A-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/03/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/03/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/03/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/03/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/03/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/03/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/03/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/03/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/03/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/03/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/03/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/03/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/03/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/03/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/03/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/03/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107685
Client Project ID: 980529-01

Pace Sample No.: 10659795 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T7-1A-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/03/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	134	%		*	06/03/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/03/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/03/98	TAW	1868-53-7		
Toluene-d8 (S)	109	%		*	06/03/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659803 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-2-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

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Pace Analytical

Pace Project Number: 107565
Client Project ID: 980529-01

Pace Sample No.: 10659803 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: T5-2-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/03/98	TAW	67-64-1	1,2	J
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107865
Client Project ID: 980529-01

Pace Sample No.: 10659803 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-2-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/03/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/03/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/03/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/03/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/03/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/03/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/03/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/03/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/03/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/03/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/03/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/03/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/03/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/03/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/03/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/03/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659803 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-2-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/03/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/03/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/03/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/03/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/03/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659811 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-1-5.0 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/03/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/03/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/03/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/03/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/03/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659811 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-1-5.0 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/03/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/03/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/03/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/03/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/03/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/03/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/03/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/03/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/03/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/03/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/03/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/03/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/03/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/03/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/03/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/03/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/03/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659811 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-1-5.0 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/03/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/03/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/03/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/03/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/03/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/03/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/03/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/03/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/03/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/03/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/03/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/03/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/03/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/03/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	87	%		*	06/03/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	73	%		*	06/03/98	SAC	321-60-8		
2-Fluorophenol (S)	58	%		*	06/03/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	70	%		*	06/03/98	SAC	4165-60-0		
Phenol-d6 (S)	57	%		*	06/03/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Fax: 612-617-6444

Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659811 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-1-5.0 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	105	%		*	06/03/98	SAC	1718-51-0		
Date Extracted	06/01/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10669829 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	ug/kg	0.1	*	06/03/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	0.1	*	06/03/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	0.1	*	06/03/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	0.1	*	06/03/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	0.1	*	06/03/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	0.1	*	06/03/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	0.1	*	06/03/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	92	%		*	06/03/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	98	%		*	06/03/98	SAC	877-09-8		
Date Extracted	06/02/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659829 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/03/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/03/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/03/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/03/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/03/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/03/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/03/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/03/98	SAC	59-50-7		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659829 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/03/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/03/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/03/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/03/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/03/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/03/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/03/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/03/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/03/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/03/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/03/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/03/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/03/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/03/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/03/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/03/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/03/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/03/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/03/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/03/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/03/98	SAC	53-70-3		U

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Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659829 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/03/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/03/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/03/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/03/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/03/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/03/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/03/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/03/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/03/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/03/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/03/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/03/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/03/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/03/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/03/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/03/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/03/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/03/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	78	%		*	06/03/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	78	%		*	06/03/98	SAC	321-60-8		
2-Fluorophenol (S)	66	%		*	06/03/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	74	%		*	06/03/98	SAC	4165-60-0		
Phenol-d6 (S)	70	%		*	06/03/98	SAC	13127-88-3		

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107665
Client Project ID: 980529-01

Pace Sample No.: 10659829 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	97	%		*	06/03/98	SAC	1718-51-0		
Date Extracted	06/01/98			*		SAC			
Total EPA 8270	ND								

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Pace Analytical

Pace Project Number: 107665
Client Project ID: 980529-01

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Common laboratory contaminant.
[2]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

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June 11, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107666
Client Project ID: 980529-01

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659837 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659837 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	1200	ug/kg	20	*	06/03/98	TAW	67-64-1	1,2	E
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107686
Client Project ID: 980529-01

Pace Sample No.: 10659837 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: T17-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/03/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/03/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/03/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/03/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/03/98	TAW	98-82-8		U
M&P-Xylene	13	ug/kg	5	*	06/03/98	TAW	7816-60-0		
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/03/98	TAW	1634-04-4		U
Methylene Chloride	200	ug/kg	5	*	06/03/98	TAW	75-09-2	1	
n-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/03/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/03/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	5.3	ug/kg	5	*	06/03/98	TAW	95-47-6		
p-Isopropyltoluene	ND	ug/kg	5	*	06/03/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/03/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/03/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/03/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/03/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/03/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659837 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/03/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/03/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	06/03/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/03/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/03/98	TAW	2037-26-5		
Total EPA 8260	**1418.3**								

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659837 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/05/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/05/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/05/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/05/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/05/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659837 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/05/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/05/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/05/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/05/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/05/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/05/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/05/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/05/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/05/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/05/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/05/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/05/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	1100	ug/kg	330	*	06/05/98	SAC	117-81-7		
Butylbenzylphthalate	ND	ug/kg	330	*	06/05/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/05/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/05/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/05/98	SAC	53-70-3		U

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Pace Analytical

Pace Project Number: 107668
Client Project ID: 980529-01

Pace Sample No.: 10659837 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/05/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/05/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/05/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/05/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/05/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/05/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/05/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/05/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/05/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/05/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/05/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/05/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/05/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/05/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	67	%		*	06/05/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	91	%		*	06/05/98	SAC	321-60-8		
2-Fluorophenol (S)	75	%		*	06/05/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	88	%		*	06/05/98	SAC	4165-60-0		
Phenol-d6 (S)	87	%		*	06/05/98	SAC	13127-88-3		

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659837 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	150	%		*	06/05/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	**1100**								

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659845 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659845 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	170	ug/kg	20	*	06/03/98	TAW	67-64-1	1	
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659845 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/05/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/05/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/05/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/05/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/05/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107660
Client Project ID: 980529-01

Pace Sample No.: 10659845 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/05/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/05/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/05/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/05/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/05/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/05/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/05/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/05/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/05/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/05/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/05/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/05/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	*	06/05/98	SAC	117-81-7	3	J
Butylbenzylphthalate	ND	ug/kg	330	*	06/05/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/05/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/05/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/05/98	SAC	53-70-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659845 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/05/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/05/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/05/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/05/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/05/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/05/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/05/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/05/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/05/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/05/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/05/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/05/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/05/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/05/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	62	%		*	06/05/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	80	%		*	06/05/98	SAC	321-60-8		
2-Fluorophenol (S)	64	%		*	06/05/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	80	%		*	06/05/98	SAC	4165-60-0		
Phenol-d6 (S)	77	%		*	06/05/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10669845 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T17-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	128	%		*	06/05/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659852 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107656
Client Project ID: 980529-01

Pace Sample No.: 10659852 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-SUR Date Received: 06/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	**580**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659852 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/04/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/04/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/04/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/04/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/04/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/04/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/04/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/04/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/04/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/04/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/04/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659852 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/04/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/04/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/04/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/04/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/04/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/04/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/04/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/04/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/04/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/04/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/04/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/04/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/04/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/04/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/04/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/04/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/04/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/04/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/04/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/04/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/04/98	SAC	53-70-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659852 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/04/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/04/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/04/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/04/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/04/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/04/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/04/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/04/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/04/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/04/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/04/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/04/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/04/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/04/98	SAC	85-01-8		U
Phenol	trace	ug/kg	330	*	06/04/98	SAC	108-95-2	3	J
Pyrene	ND	ug/kg	330	*	06/04/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	46	%		*	06/04/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	60	%		*	06/04/98	SAC	321-60-8		
2-Fluorophenol (S)	48	%		*	06/04/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	47	%		*	06/04/98	SAC	4165-60-0		
Phenol-d6 (S)	59	%		*	06/04/98	SAC	13127-88-3		

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659852 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-SUR Date Received: 06/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	63	%		*	06/04/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659860 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659860 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	890	ug/kg	20	*	06/04/98	TAW	67-64-1	1,2	E
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659860 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	73	ug/kg	5	*	06/04/98	TAW	75-09-2	1	
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659860 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	110	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	963								

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659660 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/04/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/04/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/04/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/04/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/04/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/04/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/04/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/04/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/04/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/04/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/04/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659860 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/04/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/04/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/04/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/04/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/04/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/04/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/04/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/04/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/04/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/04/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/04/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/04/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/04/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/04/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/04/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	*	06/04/98	SAC	117-81-7	3	J
Butylbenzylphthalate	ND	ug/kg	330	*	06/04/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/04/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/04/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/04/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/04/98	SAC	53-70-3		U

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659860 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/04/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/04/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/04/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/04/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/04/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/04/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/04/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/04/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/04/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/04/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/04/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/04/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/04/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/04/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/04/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/04/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	63	%		*	06/04/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	75	%		*	06/04/98	SAC	321-60-8		
2-Fluorophenol (S)	64	%		*	06/04/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	69	%		*	06/04/98	SAC	4165-60-0		
Phenol-d6 (S)	80	%		*	06/04/98	SAC	13127-88-3		

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659860 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	83	%		*	06/04/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659878 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-5 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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