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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659878 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-5 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	11000	ug/kg	20	*	06/04/98	TAW	67-64-1	1,2	E
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10859878 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-5 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	160	ug/kg	5	*	06/04/98	TAW	75-09-2	1	
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659878 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-5 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	**11160**								

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659878 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-S Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/04/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/04/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/04/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/04/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/04/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/04/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/04/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/04/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/04/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/04/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/04/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659878 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-5 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/04/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/04/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/04/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/04/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/04/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/04/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/04/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/04/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/04/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/04/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/04/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/04/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/04/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/04/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/04/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	*	06/04/98	SAC	117-81-7	3	J
Butylbenzylphthalate	ND	ug/kg	330	*	06/04/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/04/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/04/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/04/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/04/98	SAC	53-70-3		U

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659878 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-5 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/04/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/04/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/04/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/04/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/04/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/04/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/04/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/04/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/04/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/04/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/04/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/04/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/04/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/04/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/04/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/04/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	66	%		*	06/04/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	76	%		*	06/04/98	SAC	321-60-8		
2-Fluorophenol (S)	68	%		*	06/04/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	69	%		*	06/04/98	SAC	4165-60-0		
Phenol-d6 (S)	82	%		*	06/04/98	SAC	13127-88-3		

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659878 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-5 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	85	%		*	06/04/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107656
Client Project ID: 980529-01

Pace Sample No.: 10659886 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659886 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	7500	ug/kg	20	*	06/04/98	TAW	67-64-1	1,2	E
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659886 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	360	ug/kg	5	*	06/04/98	TAW	75-09-2	1,2	E
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659886 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	7880								

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659986 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/04/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/04/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/04/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/04/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/04/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/04/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/04/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/04/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/04/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/04/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/04/98	SAC	59-50-7		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Client Project ID: 980529-01

Pace Sample No.: 10659886 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/04/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/04/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/04/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/04/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/04/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/04/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/04/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/04/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/04/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/04/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/04/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/04/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/04/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/04/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/04/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	680	ug/kg	330	*	06/04/98	SAC	117-81-7		
Butylbenzylphthalate	ND	ug/kg	330	*	06/04/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/04/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/04/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/04/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/04/98	SAC	53-70-3		U

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Client Project ID: 980529-01

Pace Sample No.: 10659886 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/04/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/04/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/04/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/04/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/04/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/04/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/04/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/04/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/04/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/04/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/04/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/04/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/04/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/04/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/04/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/04/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	62	%		*	06/04/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	79	%		*	06/04/98	SAC	321-60-8		
2-Fluorophenol (S)	70	%		*	06/04/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	72	%		*	06/04/98	SAC	4165-60-0		
Phenol-d6 (S)	83	%		*	06/04/98	SAC	13127-88-3		

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659944 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-2-5 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10859951 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/05/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/05/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/05/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/05/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/05/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659886 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TF32-1-10 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	87	%		*	06/04/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	**680**								

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659894 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: T7-1A-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659894 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T7-1A-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659902 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T7-1A-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10859902 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T7-1A-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/04/98	TAW	67-64-1	1,3	J
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107866
Client Project ID: 980529-01

Pace Sample No.: 10659902 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T7-1A-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659902 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T7-1A-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	134	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659910 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: T7-1A-5 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659894 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: T7-1A-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/04/98	TAW	67-64-1	1,3	J
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107668
Client Project ID: 980529-01

Pace Sample No.: 10659894 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T7-1A-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659910 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T7-1A-S Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/04/98	TAW	67-64-1	1,3	J
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107656
Client Project ID: 980529-01

Pace Sample No.: 10659910 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T7-1A-5 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659910 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T7-1A-5 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	134	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	102	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/04/98	TAW	2037-26-5		

Total EPA 8260 ND

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659926 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-2-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659928 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-2-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/04/98	TAW	67-64-1	1,3	J
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107686
Client Project ID: 980529-01

Pace Sample No.: 10659928 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-2-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107866
Client Project ID: 980529-01

Pace Sample No.: 10659926 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-2-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659936 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-2-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Client Project ID: 980529-01

Pace Sample No.: 10659936 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: TS-2-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/04/98	TAW	67-64-1	1,3	J
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659936 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-2-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7616-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107686
Client Project ID: 980529-01

Pace Sample No.: 10659936 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-2-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	134	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	118	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659944 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-2-5 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659944 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TS-2-5 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/04/98	TAW	67-64-1	1,3	J
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107686
Client Project ID: 980529-01

Pace Sample No.: 10659944 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-2-5 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659951 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: TS-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/05/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/05/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/05/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/05/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	*	06/05/98	SAC	56-55-3	3	J
Benzo(a)pyrene	trace	ug/kg	330	*	06/05/98	SAC	50-32-8	3	J
Benzo(b)fluoranthene	trace	ug/kg	330	*	06/05/98	SAC	205-99-2	3	J
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/05/98	SAC	191-24-2		U
Benzo(k)fluoranthene	trace	ug/kg	330	*	06/05/98	SAC	207-08-9	3	J
Benzoic Acid	trace	ug/kg	1600	*	06/05/98	SAC	65-85-0	3	J
Benzyl Alcohol	ND	ug/kg	660	*	06/05/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/05/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/05/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/05/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	*	06/05/98	SAC	117-81-7	3	J
Butylbenzylphthalate	ND	ug/kg	330	*	06/05/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	*	06/05/98	SAC	218-01-9	3	J
Di-n-butylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/05/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/05/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659951 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/05/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/05/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/05/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/05/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/05/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/05/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/05/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/05/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/05/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/05/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/05/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/05/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/05/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	*	06/05/98	SAC	129-00-0	3	J
2,4,6-Tribromophenol (S)	65	%		*	06/05/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	82	%		*	06/05/98	SAC	321-60-8		
2-Fluorophenol (S)	67	%		*	06/05/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	80	%		*	06/05/98	SAC	4165-60-0		
Phenol-d5 (S)	78	%		*	06/05/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107668
Client Project ID: 980529-01

Pace Sample No.: 10659951 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-1-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	120	%		*	06/05/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659969 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270				Prep Method: EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/04/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/04/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/04/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/04/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/04/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/04/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/04/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/04/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/04/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/04/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/04/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107866
Client Project ID: 980529-01

Pace Sample No.: 10659969 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/04/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/04/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/04/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/04/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/04/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/04/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/04/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/04/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/04/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/04/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/04/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/04/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/04/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/04/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/04/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/04/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/04/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/04/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/04/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/04/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/04/98	SAC	53-70-3		U

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659969 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: T5-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/04/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/04/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/04/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/04/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/04/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/04/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/04/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/04/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/04/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/04/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/04/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/04/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/04/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/04/98	SAC	85-01-8		U
Phenol	970	ug/kg	330	*	06/04/98	SAC	108-95-2		
Pyrene	ND	ug/kg	330	*	06/04/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	56	%		*	06/04/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	66	%		*	06/04/98	SAC	321-60-8		
2-Fluorophenol (S)	60	%		*	06/04/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	61	%		*	06/04/98	SAC	4165-60-0		
Phenol-d6 (S)	73	%		*	06/04/98	SAC	13127-88-3		

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659969 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: TS-1-3 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	75	%		*	06/04/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	**970**								

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10859977 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	ug/kg	0.1	*	06/03/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	0.1	*	06/03/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	0.1	*	06/03/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	0.1	*	06/03/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	0.1	*	06/03/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	0.1	*	06/03/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	11	ug/kg	0.1	*	06/03/98	SAC	11096-82-5		
Decachlorobiphenyl (S)	96	%		*	06/03/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	95	%		*	06/03/98	SAC	877-09-8		
Date Extracted	06/02/98			*		SAC			
Total EPA 8080	11								

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659977 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10650977 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	300	ug/kg	20	*	06/04/98	TAW	67-64-1	1,2	E
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659977 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	23	ug/kg	5	*	06/04/98	TAW	75-09-2	1	
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659977 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	106	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	**323**								

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659977 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: R1-2-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/05/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/05/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/05/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/05/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/05/98	SAC	59-50-7		U

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Tel: 612-617-6400
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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659977 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/05/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/05/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/05/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/05/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/05/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/05/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/05/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/05/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/05/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/05/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/05/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/05/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	*	06/05/98	SAC	117-81-7	3	J
Butylbenzylphthalate	ND	ug/kg	330	*	06/05/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/05/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/05/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/05/98	SAC	53-70-3		U

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Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659977 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/05/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/05/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/05/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/05/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/05/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/05/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/05/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/05/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/05/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/05/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/05/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/05/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/05/98	SAC	108-95-2		U
Pyrene	380	ug/kg	330	*	06/05/98	SAC	129-00-0		
2,4,6-Tribromophenol (S)	66	%		*	06/05/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	82	%		*	06/05/98	SAC	321-60-8		
2-Fluorophenol (S)	62	%		*	06/05/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	77	%		*	06/05/98	SAC	4165-60-0		
Phenol-d6 (S)	76	%		*	06/05/98	SAC	13127-88-3		

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659977 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-SUR Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	86	%		*	06/05/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	**360**								

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659985 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-2 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	ug/kg	0.1	*	06/03/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	0.1	*	06/03/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	0.1	*	06/03/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	0.1	*	06/03/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	0.1	*	06/03/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	0.1	*	06/03/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	0.1	*	06/03/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	83	%		*	06/03/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	96	%		*	06/03/98	SAC	877-09-8		
Date Extracted	06/02/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659985 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-2 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659985 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-2 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	830	ug/kg	20	*	06/04/98	TAW	67-64-1	1,2	E
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659985 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-2 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	130	ug/kg	5	*	06/04/98	TAW	75-09-2	1	
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659985 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-2 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	134	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	960								

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659985 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-2 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/05/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/05/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/05/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/05/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/05/98	SAC	59-50-7		U

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659985 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-2 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/05/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/05/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/05/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/05/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/05/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/05/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/05/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/05/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/05/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/05/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/05/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/05/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/05/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/05/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/05/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/05/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/05/98	SAC	53-70-3		U

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659985 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-2 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/05/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/05/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/05/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/05/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/05/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/05/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/05/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/05/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/05/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/05/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/05/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/05/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/05/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/05/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	61	%		*	06/05/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	81	%		*	06/05/98	SAC	321-60-8		
2-Fluorophenol (S)	62	%		*	06/05/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	74	%		*	06/05/98	SAC	4165-60-0		
Phenol-d6 (S)	74	%		*	06/05/98	SAC	13127-88-3		

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659985 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: R1-2-2 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	74	%		*	06/05/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107066
Client Project ID: 980529-01

Pace Sample No.: 10659993 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-4 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	ug/kg	0.1	*	06/03/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	0.1	*	06/03/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	0.1	*	06/03/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	0.1	*	06/03/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	0.1	*	06/03/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	0.1	*	06/03/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/kg	0.1	*	06/03/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	104	%		*	06/03/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	113	%		*	06/03/98	SAC	877-09-8		
Date Extracted	06/02/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107656
Client Project ID: 980529-01

Pace Sample No.: 10659993 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-4 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659993 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-4 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	3700	ug/kg	20	*	06/04/98	TAW	67-64-1	1,2	E
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659993 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-4 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	170	ug/kg	5	*	06/04/98	TAW	75-09-2	1	
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659993 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-4 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/04/98	TAW	2037-26-5		

Total EPA 8260 3870

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Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659993 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-4 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/04/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/04/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/04/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/04/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/04/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/04/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/04/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/04/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/04/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/04/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/04/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/04/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659993 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-4 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/04/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/04/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/04/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/04/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/04/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/04/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/04/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/04/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/04/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/04/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/04/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/04/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/04/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/04/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/04/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/04/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	*	06/04/98	SAC	117-81-7	3	J
Butylbenzylphthalate	ND	ug/kg	330	*	06/04/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/04/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/04/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/04/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/04/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-6400
Fax: 612 607 6444

Pace Analytical

Pace Project Number: 107656
Client Project ID: 980529-01

Pace Sample No.: 10659993 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: R1-2-4 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/04/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/04/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/04/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/04/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/04/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/04/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/04/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/04/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/04/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/04/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/04/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/04/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/04/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/04/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/04/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/04/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/04/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/04/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/04/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	83	%		*	06/04/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	78	%		*	06/04/98	SAC	321-60-8		
2-Fluorophenol (S)	68	%		*	06/04/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	72	%		*	06/04/98	SAC	4165-60-0		
Phenol-d6 (S)	84	%		*	06/04/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107666
Client Project ID: 980529-01

Pace Sample No.: 10659993 Date Collected: 05/28/98 Matrix: Soil
Client Sample ID: R1-2-4 Date Received: 05/30/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	83	%		*	06/04/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612 617-6444

Pace Project Number: 107666
Client Project ID: 980529-01

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Common laboratory contaminant.
[2]	Compound concentration exceeds the calibration range of the instrument (CLP E-Flag).
[3]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

980529-01 923450

Page 1 of 4

CHAIN-OF-CUSTOOY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton	Bill To: ← →		Pace Project Manager
Hayward, CA 94545	P.O. # / Billing Reference: 575-8G001		Pace Project No.
Phone: (510) 785-1111	Project Name / No.: West Approach		*Requested Due Date: 6/12/98

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature] Date Sampled: 5/28/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR METALS	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	T17-1-SUR	740	S		1						X	X	X	X			
2	T17-1-3	745															
3	T17-1-5.0	750											↓	↓			Rush
4	T17-1-10	755															Archive
5	TF32-1-SUR	810											X	X			
6	TF32-1-3	815															
7	TF32-1-5.0	820															
8	TF32-1-10	825	√		↓						↓	↓	↓	↓			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnite			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] PSI	5/28/98	1700	CA Overnite	5/28/98	1700
				Hunglam Pace	5/29/98	900

SAMPLE CONDITION

Temp: 5 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

ORIGINAL

Pace Analytical

980524-01 425451

Page 2 of 4

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Pass	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date: 6/2/98
Sampler Signature: ←	Date Sampled: 5/28/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR metals	TPH-5	BTEX	VOCs	SVOCs	PCBs
1	TF32-1-15	830	S								X	X	X			
2	TF32-1-20	835														
3	T7-1A-SUR	855									X	X	X			
4	T7-1A-3	900														
5	T7-1A-5.0	905														
6	T7-1A-10	910														
7	T7-1A-15	915														
8	T5-2-SUR	915	↓								X	X	X			

REMARKS

RUSH
Archive

RUSH
Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnite			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	PSI	5/28/98	1700	Hungerford 5/29/98 900	5/28/98	1700

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

4.97

Pace Analytical

980529-01 423452

Page 3 of 4

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8G001		Pace Project No
	Project Name / No.: West Approach		*Requested Due Date: 6/12/98

Sampled By (PRINT): Scott Bowers

Sampler Signature: ← Date Sampled: 5/28/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCl)	NaOH	ANALYSES REQUEST: 8260 Metals	TPH-D	BTEX	RCRA VOCs	SVOCs	REMARKS
1	TS-2-3	920	S								X	X		X		
2	TS-2-5.0	925	↓								↓	↓		↓		Rush
3	TS-2-10	930														
4	TS-2-15	935														Archive
5	TS-1-SUR	940									X	X	X		X	
6	TS-1-3	945									↓	↓	↓		↓	
7	TS-1-5.0	950														RUSH
8	TS-1-10	955	↓													Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnite			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← / PSI	5/28/98	1700	CA Overnite	5/28/98	1700
				Hungtran / PACE	5/29/98	900

SAMPLE CONDITION

Temp: 1 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

6.27

ORIGINAL

Pace Analytical

980529-01 423453

Page 4 of 4

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8G001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date: 6/12/98
Sampler Signature:	Date Sampled: 5/28/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	R1-2-SUR	1020	S								X	X	X	X	X	X	
2	R1-2-2	1025															
3	R1-2-4	1030															
4	R1-2-10	1035															
5	R1-2-14	1040															
6																	
7																	
8																	

RUSH
Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CAL OVER			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/28/98	1700	Pace	5/29/98	900

SAMPLE CONDITION

Temp: 5 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980530-05
PACE ANALYTICAL WO #: 13335A
Client ID #: 575-8G001

Date: 6/23/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/29/98 and received on 05/30/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Soil)	2-6
TPH-Speciation (Soil)	7-8
BTEX (Soil)	9-11
List of Abbreviations and Definitions	12

In addition the analysis for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by:
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Analyst:	BJ/VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D61-S	D61-3.0	D62-S	D62-3.0	D63-S	D64-S	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	6.0	<5.0	<5.0	<5.0	6.3	5.0	6010
Barium (Ba)	280	310	140	24	150	270	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	3.6	3.7	<0.5	<0.5	<0.5	4.1	0.5	6010
Chromium (Cr)	62	54	31	22	38	42	0.5	6010
Cobalt (Co)	8.4	12	9.9	4.6	11	7.9	1.0	6010
Copper (Cu)	720	220	36	4.5	34	150	2.5	6010
Lead (Pb)	2700	2400	53	40	22	1600	1.0	6010
Mercury (Hg)*	0.39	0.38	0.12	0.40	0.89	0.12	0.05	7471
Molybdenum (Mo)	4.4	4.7	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	65	43	37	14	42	42	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	5.9	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	26	28	30	19	24	25	0.5	6010
Zinc (Zn)	890	870	75	19	62	1600	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/10/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562 498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980530-05
PACE ANALYTICAL WO#:13338A
Client ID#:575 - SG001

Analyst:	BJ/VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D64-3.0	D65-S	D56-3.0	D68-S	D55-S	D56-3.0	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	74	210	100	230	330	42	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	2.2	0.6	<0.5	0.5	6010
Chromium (Cr)	31	28	37	41	33	32	0.5	6010
Cobalt (Co)	5.2	12	10	8.7	14.0	6.6	1.0	6010
Copper (Cu)	24	30	13	120	35	4.7	2.5	6010
Lead (Pb)	130	52	18	970	14	1.9	1.0	6010
Mercury (Hg)*	0.14	0.09	0.06	<0.05	0.06	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	20	38	33	37	42	35	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	6.7	<5.0	5.0	6010
Vanadium (V)	23	25	32	24	29	22	0.5	6010
Zinc (Zn)	79	77	42	700	72	19	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/10/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980530-05
PACE ANALYTICAL WO#:13335A
Client ID#:575 - SG001

Analyst: BJ/VN
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D58-S	D58-3.0	D59-S	D59-3.0	D60-S	D60-3.0	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98		
Analyte									
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	250	600	130	46	98	220	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	3.4	0.8	2.2	<0.5	<0.5	0.6	<0.5	0.5	6010
Chromium (Cr)	45	27	29	30	39	27	<0.5	0.5	6010
Cobalt (Co)	6.3	4.9	5.9	4.7	7.5	4.6	<1.0	1.0	6010
Copper (Cu)	270	84	70	5.4	15	43	<2.5	2.5	6010
Lead (Pb)	2800	1000	340	36	34	380	<1.0	1.0	6010
Mercury (Hg)*	0.42	1.0	0.90	0.19	0.08	0.54	<0.05	0.05	7471
Molybdenum (Mo)	3.3	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	38	30	28	20	28	21	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	21	21	22	23	31	19	<0.5	0.5	6010
Zinc (Zn)	840	430	330	50	49	280	<10	10	6010
DF	1	1	1	1	1	1	1		

*Mercury analyzed on 06/10/98.

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Pace Analytical

PACE ANALYTICAL Project#:980530-05
PACE ANALYTICAL WO#:13335A
Client ID#:575 - 8G001

Analyst:	BJ/VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D68-3.0	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/18/98	06/18/98		
Analyte				
Antimony (Sb)	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	5.0	6010
Barium (Ba)	42	<10	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.5	6010
Chromium (Cr)	25	<0.5	0.5	6010
Cobalt (Co)	3.9	<1.0	1.0	6010
Copper (Cu)	9.9	<2.5	2.5	6010
Lead (Pb)	66	<1.0	1.0	6010
Mercury (Hg)*	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	2.5	6010
Nickel (Ni)	17	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	5.0	6010
Vanadium (V)	17	<0.5	0.5	6010
Zinc (Zn)	91	<10	10	6010
DF	1	1		

*Mercury analzyed on 06/10/98.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ/VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/18/98		06/18/98	06/18/98			
Analyte	EPA Method							
Antimony (Sb)	6010	90	70-130	54*	52*	50-130	3.8	0-25
Arsenic (As)	6010	88	78-104	87	81	34-136	7.1	0-15
Barium (Ba)	6010	97	81-117	103	115	55-130	11	0-25
Beryllium (Be)	6010	88	70-130	84	78	70-130	7.4	0-25
Cadmium (Cd)	6010	91	75-104	83	79	73-115	4.9	0-15
Chromium (Cr)	6010	90	81-103	86	73	62-125	16	0-15
Cobalt (Co)	6010	89	70-130	80	73	70-130	9.2	0-25
Copper (Cu)	6010	92	70-130	89	86	70-140	3.4	0-25
Lead (Pb)	6010	90	76-104	88	99	48-120	12	0-30
Mercury (Hg)**	7471	104	76-121	104	102	70-135	2.0	0-30
Molybdenum (Mo)	6010	91	70-130	80	74	70-130	7.8	0-25
Nickel (Ni)	6010	88	70-130	84	74	70-130	13	0-25
Selenium (Se)	6010	87	79-102	79	75	42-120	5.2	0-15
Silver (Ag)	6010	94	77-107	91	87	53-115	4.5	0-19
Thallium (Tl)	6010	91	70-130	83	78	70-130	6.2	0-25
Vanadium (V)	6010	92	70-130	89	83	70-130	7.0	0-25
Zinc (Zn)	6010	95	70-130	89	88	70-130	0.0	0-25

*Sample matrix effect.
**Mercury analyzed on 06/10/98.

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Pace Analytical

PACE ANALYTICAL Project#:980530-05
PACE ANALYTICAL WO#:13335A
Client ID#:575 - SG001

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	06/03/98	<10	---	10	1
D56-S	06/03/98	<10	---	10	1
D56-3.0	06/03/98	<10	---	10	1
D58-S	06/03/98	390	C18-C40 Oil	10	1
D58-3.0	06/03/98	<10	---	10	1
D59-S	06/03/98	<10	---	10	1
D59-3.0	06/03/98	<10	---	10	1
D60-S	06/03/98	<10	---	10	1
D60-3.0	06/03/98	50	C20-C36 Oil	10	1
D61-S	06/08/98	2400	C12-C40 Oil	10	1
D61-3.0	06/08/98	1400	C12-C40 Oil	10	1
D62-S	06/08/98	150	C18-C40 Oil	10	1
D62-3.0	06/08/98	<10	---	10	1
D64-3.0	06/08/98	<10	---	10	1
D65-S	06/08/98	<10	---	10	1
D65-3.0	06/08/98	<10	---	10	1
D63-S	06/08/98	240	C14-C40 Oil	10	1
D64-S	06/08/98	1100	C14-C40 Oil	10	1
D68-S	06/08/98	580	C16-C40 Oil	10	1
D68-3.0	06/08/98	<10	---	10	1

REPORT OF LABORATORY ANALYSIS

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/03/98		06/03/98	06/03/98			
TPH-Speciation	108	80-120	115	111	70-130	3.5	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/08/98		06/08/98	06/08/98			
TPH-Speciation	106	80-120	111	130	70-130	16	0-30

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Pace Analytical

PACE ANALYTICAL Project#:980530-05
PACE ANALYTICAL WO#:13335A
Client ID#:575 - SC001

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	D58-5	D58-3.0	D58-S	D58-3.0	D61-S	D61-3.0	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/01/98	06/01/98	06/01/98	06/01/98	06/01/98	06/01/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							**Acceptable Range:**
a,a,a-Trifluorotoluene	101	104	86	101	88	85	59-134

Client ID:	D63-S	D65-S	D66-3.0	D68-3.0	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	06/01/98	06/01/98	06/01/98	06/01/98	06/01/98	
Analyte						
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	
Surrogate Recovery %:						**Acceptable Range:**
a,a,a-Trifluorotoluene	104	104	103	103	102	59-134

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Pace Analytical

PACE ANALYTICAL Project#:980530-05
PACE ANALYTICAL WO#:13335A
Client ID#:575 - BG001

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	D68-S	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg
Analysis Date:	06/03/98	06/03/98	
Analyte			
Benzene	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	5.0
Total Xylenes	<15	<15	15
DF	1	1	
Surrogate Recovery %:			**Acceptable Range:**
a,a,a-Trifluorotoluene	85	98	59-134

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Pace Analytical

PACE ANALYTICAL Project#:980530-05
PACE ANALYTICAL WO#:13335A
Client ID#:575 - 8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/01/98		06/01/98	06/01/98			
Analyte							
Benzene	101	74-116	98	98	72-115	0.0	0-26
Toluene	101	73-116	99	99	70-114	0.0	0-22
Ethylbenzene	102	75-118	101	100	68-119	1.0	0-24
Total Xylenes	102	78-120	101	98	74-117	3.0	0-22

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/03/98		06/03/98	06/03/98			
Analyte							
Benzene	98	74-116	99	96	72-115	3.1	0-26
Toluene	99	73-116	100	96	70-114	4.1	0-22
Ethylbenzene	100	75-118	102	98	68-119	4.0	0-24
Total Xylenes	101	78-120	103	97	74-117	6.0	0-22

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical Services, Inc.
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Minneapolis, MN 55414

Tel: 612-617 6400
Fax: 612-617-6444

June 11, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107693
Client Project ID: 980530-05

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10662997 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-56 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/05/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/05/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/05/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/05/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/05/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Minneapolis, MN 55414
Tel: 612-607-6400
Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10662997 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-56 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/05/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/05/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/05/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/05/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/05/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/05/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/05/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/05/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/05/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/05/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/05/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/05/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/05/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/05/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/05/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/05/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/05/98	SAC	53-70-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10662997 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-56 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/05/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/05/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/05/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/05/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/05/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/05/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/05/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/05/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/05/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/05/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/05/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/05/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/05/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/05/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	61	%		*	06/05/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	76	%		*	06/05/98	SAC	321-60-8		
2-Fluorophenol (S)	63	%		*	06/05/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	69	%		*	06/05/98	SAC	4165-60-0		
Phenol-d6 (S)	72	%		*	06/05/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10662997 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-56 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	69	%		*	06/05/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663003 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D56-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/05/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/05/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/05/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/05/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/05/98	SAC	59-50-7		U

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663003 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D56-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/05/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/05/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/05/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/05/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/05/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/05/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/05/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/05/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/05/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/05/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/05/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/05/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	*	06/05/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	*	06/05/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/05/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/05/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/05/98	SAC	53-70-3		U

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663003 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D56-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/05/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/05/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/05/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/05/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/05/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/05/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/05/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/05/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/05/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/05/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/05/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/05/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/05/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/05/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/05/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	74	%		*	06/05/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	82	%		*	06/05/98	SAC	321-60-8		
2-Fluorophenol (S)	64	%		*	06/05/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	71	%		*	06/05/98	SAC	4165-60-0		
Phenol-d6 (S)	76	%		*	06/05/98	SAC	13127-88-3		

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663003 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D56-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	81	%		*	06/05/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663011 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D3-58 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/05/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-57-8		U
2-Methylnaphthalene	470	ug/kg	330	*	06/05/98	SAC	91-57-6		
2-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/05/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/05/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/05/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/05/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663011 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D3-58 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/05/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	100-02-7		U
Acenaphthene	360	ug/kg	330	*	06/05/98	SAC	83-32-9		
Acenaphthylene	ND	ug/kg	330	*	06/05/98	SAC	208-96-8		U
Anthracene	trace	ug/kg	330	*	06/05/98	SAC	120-12-7	1	J
Benzo(a)anthracene	trace	ug/kg	330	*	06/05/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	330	*	06/05/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	460	ug/kg	330	*	06/05/98	SAC	205-99-2		
Benzo(g,h,i)perylene	trace	ug/kg	330	*	06/05/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	trace	ug/kg	330	*	06/05/98	SAC	207-08-9	1	J
Benzoic Acid	trace	ug/kg	1600	*	06/05/98	SAC	65-85-0	1	J
Benzyl Alcohol	ND	ug/kg	660	*	06/05/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/05/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/05/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/05/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	2500	ug/kg	330	*	06/05/98	SAC	117-81-7		
Butylbenzylphthalate	1300	ug/kg	330	*	06/05/98	SAC	85-68-7		
Chrysene	440	ug/kg	330	*	06/05/98	SAC	218-01-9		
Di-n-butylphthalate	trace	ug/kg	330	*	06/05/98	SAC	84-74-2	1	J
Di-n-octylphthalate	ND	ug/kg	330	*	06/05/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/05/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663011 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D3-58 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	370	ug/kg	330	*	06/05/98	SAC	132-64-9		
Diethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	131-11-3		U
Fluoranthene	620	ug/kg	330	*	06/05/98	SAC	206-44-0		
Fluorene	390	ug/kg	330	*	06/05/98	SAC	86-73-7		
Hexachlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/05/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/05/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/05/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	330	*	06/05/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	330	*	06/05/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/05/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/05/98	SAC	86-30-6		U
Naphthalene	470	ug/kg	330	*	06/05/98	SAC	91-20-3		
Nitrobenzene	ND	ug/kg	330	*	06/05/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/05/98	SAC	87-86-5		U
Phenanthrene	1300	ug/kg	330	*	06/05/98	SAC	85-01-8		
Phenol	ND	ug/kg	330	*	06/05/98	SAC	108-95-2		U
Pyrene	1300	ug/kg	330	*	06/05/98	SAC	129-00-0		
2,4,6-Tribromophenol (S)	82	%		*	06/05/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	75	%		*	06/05/98	SAC	321-60-8		
2-Fluorophenol (S)	66	%		*	06/05/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	70	%		*	06/05/98	SAC	4165-60-0		
Phenol-d6 (S)	78	%		*	06/05/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663011 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D3-58 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	131	%		*	06/05/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	**9970**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663029 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D58-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270				Prep Method: EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/07/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/07/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/07/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/07/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/07/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/07/98	SAC	95-57-8		U
2-Methylnaphthalene	trace	ug/kg	330	*	06/07/98	SAC	91-57-6	1	J
2-Methylphenol	ND	ug/kg	330	*	06/07/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/07/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/07/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/07/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/07/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/07/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663029 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D58-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/07/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/07/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/07/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/07/98	SAC	100-02-7		U
Acenaphthene	trace	ug/kg	330	*	06/07/98	SAC	83-32-9	1	J
Acenaphthylene	trace	ug/kg	330	*	06/07/98	SAC	208-96-8	1	J
Anthracene	trace	ug/kg	330	*	06/07/98	SAC	120-12-7	1	J
Benzo(a)anthracene	1200	ug/kg	330	*	06/07/98	SAC	56-55-3		
Benzo(a)pyrene	930	ug/kg	330	*	06/07/98	SAC	50-32-8		
Benzo(b)fluoranthene	960	ug/kg	330	*	06/07/98	SAC	205-99-2		
Benzo(g,h,i)perylene	trace	ug/kg	330	*	06/07/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	560	ug/kg	330	*	06/07/98	SAC	207-08-9		
Benzoic Acid	ND	ug/kg	1600	*	06/07/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/07/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/07/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/07/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/07/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	1000	ug/kg	330	*	06/07/98	SAC	117-81-7		
Butylbenzylphthalate	ND	ug/kg	330	*	06/07/98	SAC	85-68-7		U
Chrysene	950	ug/kg	330	*	06/07/98	SAC	218-01-9		
Di-n-butylphthalate	ND	ug/kg	330	*	06/07/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/07/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	trace	ug/kg	330	*	06/07/98	SAC	53-70-3	1	J

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107603
Client Project ID: 9805030-05

Pace Sample No.: 10663029 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D58-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	trace	ug/kg	330	*	06/07/98	SAC	132-64-9	1	J
Diethylphthalate	ND	ug/kg	330	*	06/07/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/07/98	SAC	131-11-3		U
Fluoranthene	1200	ug/kg	330	*	06/07/98	SAC	206-44-0		
Fluorene	trace	ug/kg	330	*	06/07/98	SAC	86-73-7	1	J
Hexachlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/07/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/07/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/07/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	330	*	06/07/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	330	*	06/07/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/07/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/07/98	SAC	86-30-6		U
Naphthalene	trace	ug/kg	330	*	06/07/98	SAC	91-20-3	1	J
Nitrobenzene	ND	ug/kg	330	*	06/07/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/07/98	SAC	87-86-5		U
Phenanthrene	940	ug/kg	330	*	06/07/98	SAC	85-01-8		
Phenol	ND	ug/kg	330	*	06/07/98	SAC	108-95-2		U
Pyrene	1500	ug/kg	330	*	06/07/98	SAC	129-00-0		
2,4,6-Tribromophenol (S)	59	%		*	06/07/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	85	%		*	06/07/98	SAC	321-60-8		
2-Fluorophenol (S)	64	%		*	06/07/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	79	%		*	06/07/98	SAC	4165-60-0		
Phenol-d6 (S)	81	%		*	06/07/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663029 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D58-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	77	%		*	06/07/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	**9240**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663037 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-61 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/05/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-57-8		U
2-Methylnaphthalene	470	ug/kg	330	*	06/05/98	SAC	91-57-6		
2-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/05/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/05/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/05/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/05/98	SAC	59-50-7		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107593
Client Project ID: 9905030-05

Pace Sample No.: 10663037 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-61 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/05/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	100-02-7		U
Acenaphthene	410	ug/kg	330	*	06/05/98	SAC	83-32-9		
Acenaphthylene	ND	ug/kg	330	*	06/05/98	SAC	208-96-8		U
Anthracene	trace	ug/kg	330	*	06/05/98	SAC	120-12-7	1	J
Benzo(a)anthracene	380	ug/kg	330	*	06/05/98	SAC	56-55-3		
Benzo(a)pyrene	trace	ug/kg	330	*	06/05/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	460	ug/kg	330	*	06/05/98	SAC	205-99-2		
Benzo(g,h,i)perylene	trace	ug/kg	330	*	06/05/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	trace	ug/kg	330	*	06/05/98	SAC	207-08-9	1	J
Benzoic Acid	trace	ug/kg	1600	*	06/05/98	SAC	65-85-0	1	J
Benzyl Alcohol	ND	ug/kg	660	*	06/05/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/05/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/05/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/05/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	1700	ug/kg	330	*	06/05/98	SAC	117-81-7		
Butylbenzylphthalate	710	ug/kg	330	*	06/05/98	SAC	85-68-7		
Chrysene	440	ug/kg	330	*	06/05/98	SAC	218-01-9		
Di-n-butylphthalate	trace	ug/kg	330	*	06/05/98	SAC	84-74-2	1	J
Di-n-octylphthalate	ND	ug/kg	330	*	06/05/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/05/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663037 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-61 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	390	ug/kg	330	*	06/05/98	SAC	132-64-9		
Diethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	131-11-3		U
Fluoranthene	850	ug/kg	330	*	06/05/98	SAC	206-44-0		
Fluorene	420	ug/kg	330	*	06/05/98	SAC	86-73-7		
Hexachlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/05/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/05/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/05/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	330	*	06/05/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	330	*	06/05/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/05/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/05/98	SAC	86-30-6		U
Naphthalene	450	ug/kg	330	*	06/05/98	SAC	91-20-3		
Nitrobenzene	ND	ug/kg	330	*	06/05/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/05/98	SAC	87-86-5		U
Phenanthrene	1500	ug/kg	330	*	06/05/98	SAC	85-01-8		
Phenol	ND	ug/kg	330	*	06/05/98	SAC	108-95-2		U
Pyrene	1600	ug/kg	330	*	06/05/98	SAC	129-00-0		
2,4,6-Tribromophenol (S)	64	%		*	06/05/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	81	%		*	06/05/98	SAC	321-60-8		
2-Fluorophenol (S)	72	%		*	06/05/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	70	%		*	06/05/98	SAC	4165-60-0		
Phenol-d6 (S)	81	%		*	06/05/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663045 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D61-3 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/05/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	100-02-7		U
Acenaphthene	390	ug/kg	330	*	06/05/98	SAC	83-32-9		
Acenaphthylene	ND	ug/kg	330	*	06/05/98	SAC	208-96-8		U
Anthracene	trace	ug/kg	330	*	06/05/98	SAC	120-12-7	1	J
Benzo(a)anthracene	360	ug/kg	330	*	06/05/98	SAC	56-55-3		
Benzo(a)pyrene	trace	ug/kg	330	*	06/05/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	510	ug/kg	330	*	06/05/98	SAC	205-99-2		
Benzo(g,h,i)perylene	330	ug/kg	330	*	06/05/98	SAC	191-24-2		
Benzo(k)fluoranthene	trace	ug/kg	330	*	06/05/98	SAC	207-08-9	1	J
Benzoic Acid	trace	ug/kg	1600	*	06/05/98	SAC	65-85-0	1	J
Benzyl Alcohol	ND	ug/kg	660	*	06/05/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/05/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/05/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/05/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	2600	ug/kg	330	*	06/05/98	SAC	117-81-7		
Butylbenzylphthalate	1100	ug/kg	330	*	06/05/98	SAC	85-68-7		
Chrysene	530	ug/kg	330	*	06/05/98	SAC	218-01-9		
Di-n-butylphthalate	trace	ug/kg	330	*	06/05/98	SAC	84-74-2	1	J
Di-n-octylphthalate	ND	ug/kg	330	*	06/05/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/05/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663045 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D61-3 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	430	ug/kg	330	*	06/05/98	SAC	132-64-9		
Diethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/05/98	SAC	131-11-3		U
Fluoranthene	720	ug/kg	330	*	06/05/98	SAC	206-44-0		
Fluorene	390	ug/kg	330	*	06/05/98	SAC	86-73-7		
Hexachlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/05/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/05/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/05/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	330	*	06/05/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	330	*	06/05/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/05/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/05/98	SAC	86-30-6		U
Naphthalene	560	ug/kg	330	*	06/05/98	SAC	91-20-3		
Nitrobenzene	ND	ug/kg	330	*	06/05/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/05/98	SAC	87-86-5		U
Phenanthrene	1500	ug/kg	330	*	06/05/98	SAC	85-01-8		
Phenol	ND	ug/kg	330	*	06/05/98	SAC	108-95-2		U
Pyrene	1700	ug/kg	330	*	06/05/98	SAC	129-00-0		
2,4,6-Tribromophenol (S)	71	%		*	06/05/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	67	%		*	06/05/98	SAC	321-60-8		
2-Fluorophenol (S)	76	%		*	06/05/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	78	%		*	06/05/98	SAC	4165-60-0		
Phenol-d6 (S)	88	%		*	06/05/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10563045 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D61-3 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	184	%		*	06/05/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	**11650**								

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663052 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D63-S Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	ug/kg	0.1	*	06/03/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/kg	0.1	*	06/03/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/kg	0.1	*	06/03/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/kg	0.1	*	06/03/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/kg	0.1	*	06/03/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/kg	0.1	*	06/03/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	6.3	ug/kg	0.1	*	06/03/98	SAC	11096-82-5		
Decachlorobiphenyl (S)	86	%		*	06/03/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	86	%		*	06/03/98	SAC	877-09-8		
Date Extracted	06/02/98			*		SAC			
Total EPA 8080	6.3								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663052 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D03-S Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/07/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/07/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/07/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/07/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/07/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/07/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/07/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/07/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/07/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/07/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/07/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/07/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/07/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663052 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D63-S Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/07/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/07/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/07/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/07/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/07/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/07/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/07/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/07/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/07/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/07/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/07/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/07/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/07/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/07/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/07/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/07/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/07/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	*	06/07/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	*	06/07/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/07/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/07/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/07/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/07/98	SAC	53-70-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10063052 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D63-S Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/07/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/07/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/07/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/07/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/07/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/07/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/07/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/07/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/07/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/07/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/07/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/07/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/07/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/07/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/07/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/07/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/07/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/07/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	64	%		*	06/07/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	86	%		*	06/07/98	SAC	321-60-8		
2-Fluorophenol (S)	64	%		*	06/07/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	79	%		*	06/07/98	SAC	4165-60-0		
Phenol-d6 (S)	82	%		*	06/07/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663052 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D63-S Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	76	%		*	06/07/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107893
Client Project ID: 9805030-05

Pace Sample No.: 10663086 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-85 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/07/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/07/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/07/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/07/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/07/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/07/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/07/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/07/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/07/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/07/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/07/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/07/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/07/98	SAC	59-50-7		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663086 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-65 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/07/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/07/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/07/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/07/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/07/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/07/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/07/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/07/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/07/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/07/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/07/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/07/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/07/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/07/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/07/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/07/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/07/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	*	06/07/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	*	06/07/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/07/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/07/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/07/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/07/98	SAC	53-70-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663086 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-65 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/07/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/07/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/07/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/07/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/07/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/07/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/07/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/07/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/07/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/07/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/07/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/07/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/07/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/07/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/07/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/07/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/07/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/07/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	47	%		*	06/07/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	77	%		*	06/07/98	SAC	321-60-8		
2-Fluorophenol (S)	58	%		*	06/07/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	70	%		*	06/07/98	SAC	4165-60-0		
Phenol-d6 (S)	77	%		*	06/07/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663086 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-65 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	67	%		*	06/07/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663094 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D65-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/07/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/07/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/07/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/07/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/07/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/07/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/07/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/07/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/07/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/07/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/07/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/07/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/07/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663094 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D65-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/07/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/07/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/07/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/07/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/07/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/07/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/07/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/07/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/07/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/07/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/07/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/07/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/07/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/07/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/07/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/07/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/07/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	*	06/07/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	*	06/07/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/07/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/07/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/07/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/07/98	SAC	53-70-3		U

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663094 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D65-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/07/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/07/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/07/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/07/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/07/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/07/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/07/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/07/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/07/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/07/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/07/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/07/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/07/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/07/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/07/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/07/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/07/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	*	06/07/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	60	%		*	06/07/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	74	%		*	06/07/98	SAC	321-60-8		
2-Fluorophenol (S)	58	%		*	06/07/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	68	%		*	06/07/98	SAC	4165-60-0		
Phenol-d6 (S)	80	%		*	06/07/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10863094 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D65-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	76	%		*	06/07/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10883102 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-68 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/07/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/07/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/07/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/07/98	SAC	100-02-7		U
Acenaphthene	trace	ug/kg	330	*	06/07/98	SAC	83-32-9	1	J
Acenaphthylene	ND	ug/kg	330	*	06/07/98	SAC	208-96-8		U
Anthracene	trace	ug/kg	330	*	06/07/98	SAC	120-12-7	1	J
Benzo(a)anthracene	trace	ug/kg	330	*	06/07/98	SAC	56-55-3	1	J
Benzo(a)pyrene	330	ug/kg	330	*	06/07/98	SAC	50-32-8		
Benzo(b)fluoranthene	440	ug/kg	330	*	06/07/98	SAC	205-99-2		
Benzo(g,h,i)perylene	trace	ug/kg	330	*	06/07/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	trace	ug/kg	330	*	06/07/98	SAC	207-08-9	1	J
Benzoic Acid	trace	ug/kg	1600	*	06/07/98	SAC	65-85-0	1	J
Benzyl Alcohol	ND	ug/kg	660	*	06/07/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/07/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/07/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/07/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	3100	ug/kg	330	*	06/07/98	SAC	117-81-7		
Butylbenzylphthalate	700	ug/kg	330	*	06/07/98	SAC	85-68-7		
Chrysene	450	ug/kg	330	*	06/07/98	SAC	218-01-9		
Di-n-butylphthalate	trace	ug/kg	330	*	06/07/98	SAC	84-74-2	1	J
Di-n-octylphthalate	ND	ug/kg	330	*	06/07/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/07/98	SAC	53-70-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663102 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-68 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/07/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/07/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/07/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/07/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/07/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/07/98	SAC	95-57-8		U
2-Methylnaphthalene	trace	ug/kg	330	*	06/07/98	SAC	91-57-6	1	J
2-Methylphenol	ND	ug/kg	330	*	06/07/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/07/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/07/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/07/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/07/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/07/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663102 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-68 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	trace	ug/kg	330	*	06/07/98	SAC	132-64-9	1	J
Diethylphthalate	ND	ug/kg	330	*	06/07/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/07/98	SAC	131-11-3		U
Fluoranthene	530	ug/kg	330	*	06/07/98	SAC	206-44-0		
Fluorene	trace	ug/kg	330	*	06/07/98	SAC	86-73-7	1	J
Hexachlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/07/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/07/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/07/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	330	*	06/07/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	330	*	06/07/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/07/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/07/98	SAC	86-30-6		U
Naphthalene	trace	ug/kg	330	*	06/07/98	SAC	91-20-3	1	J
Nitrobenzene	ND	ug/kg	330	*	06/07/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/07/98	SAC	87-86-5		U
Phenanthrene	700	ug/kg	330	*	06/07/98	SAC	85-01-8		
Phenol	ND	ug/kg	330	*	06/07/98	SAC	108-95-2		U
Pyrene	960	ug/kg	330	*	06/07/98	SAC	129-00-0		
2,4,6-Tribromophenol (S)	70	%		*	06/07/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	88	%		*	06/07/98	SAC	321-60-8		
2-Fluorophenol (S)	70	%		*	06/07/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	65	%		*	06/07/98	SAC	4165-60-0		
Phenol-d6 (S)	91	%		*	06/07/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663102 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-68 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	124	%		*	06/07/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	**7210**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663110 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D68-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/07/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/07/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/07/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/07/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/07/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/07/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/07/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	*	06/07/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	*	06/07/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/07/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/07/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/07/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/07/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/07/98	SAC	59-50-7		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663037 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-61 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	156	%		*	06/05/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	**8780**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663045 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D61-3 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	*	06/05/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	*	06/05/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	*	06/05/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	*	06/05/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	*	06/05/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	*	06/05/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	*	06/05/98	SAC	95-57-8		U
2-Methylnaphthalene	530	ug/kg	330	*	06/05/98	SAC	91-57-6		
2-Methylphenol	ND	ug/kg	330	*	06/05/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	*	06/05/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	*	06/05/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	*	06/05/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	*	06/05/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	*	06/05/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	*	06/05/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663110 Date Collected: 06/29/98 Matrix: Soil
Client Sample ID: D68-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	*	06/07/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	*	06/07/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	*	06/07/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	*	06/07/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	*	06/07/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	*	06/07/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	*	06/07/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	*	06/07/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	*	06/07/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	*	06/07/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	*	06/07/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	*	06/07/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	*	06/07/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	*	06/07/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	*	06/07/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	*	06/07/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	*	06/07/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	*	06/07/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	*	06/07/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	*	06/07/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	*	06/07/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	*	06/07/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	*	06/07/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/kg	330	*	06/07/98	SAC	53-70-3		U

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663110 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D68-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/kg	330	*	06/07/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	*	06/07/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	*	06/07/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	*	06/07/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	*	06/07/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	*	06/07/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	*	06/07/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	*	06/07/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	*	06/07/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	*	06/07/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	*	06/07/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	*	06/07/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	*	06/07/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	*	06/07/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	*	06/07/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	*	06/07/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	*	06/07/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	*	06/07/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	*	06/07/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	48	%		*	06/07/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	68	%		*	06/07/98	SAC	321-60-8		
2-Fluorophenol (S)	53	%		*	06/07/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	64	%		*	06/07/98	SAC	4165-60-0		
Phenol-d6 (S)	64	%		*	06/07/98	SAC	13127-88-3		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663110 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D68-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	60	%		*	06/07/98	SAC	1718-51-0		
Date Extracted	06/03/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663144 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-59 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663144 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-59 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/04/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663144 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-59 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107593
Client Project ID: 9805030-05

Pace Sample No.: 10663144 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-59 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663151 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D59-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663151 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D59-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/04/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663151 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D59-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10863151 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D59-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	110	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663169 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-60 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663169 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-60 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/04/98	TAW	67-64-1	1,2,3	JB
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663169 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-60 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663169 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-60 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10883177 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D60-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663177 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D60-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/04/98	TAW	67-64-1	1,2,3	JB
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663177 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D60-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Paco Sample No.: 10663177 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D60-3.0 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663219 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-62 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10683219 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-62 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/04/98	TAW	67-64-1	1,2,3	JB
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663219 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-62 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663219 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-62 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	126	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	105	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9905030-05

Pace Sample No.: 10663227 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D62-3 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663227 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D62-3 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/04/98	TAW	67-64-1	1,2,3	JB
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663227 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D62-3 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	trace	ug/kg	5	*	06/04/98	TAW	108-88-3	1	J
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663227 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D62-3 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/04/98	TAW	2037-26-5		

Total EPA 8260 ND

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663236 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-64 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663235 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-64 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/04/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663235 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: DS-64 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612 607 6400
Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663236 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: OS-64 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	134	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	120	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	112	%		*	06/04/98	TAW	2037-26-5		

Total EPA 8260 **ND**

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Minneapolis, MN 55414
Tel: 612-607-6400
Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663243 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D64-3 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/04/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/04/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/04/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/04/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/04/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/04/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663243 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D64-3 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/04/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/04/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/04/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/04/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/04/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/04/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/04/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/04/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/04/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/04/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/04/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/04/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/04/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/04/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/04/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/04/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/04/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663243 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D64-3 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/04/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/04/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/04/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/04/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/04/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/04/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/04/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/04/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/04/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/04/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/04/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/04/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/04/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/04/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/04/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/04/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/04/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/04/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/04/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/04/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/04/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617 6400
fax: 612-617-6444

Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

Pace Sample No.: 10663243 Date Collected: 05/29/98 Matrix: Soil
Client Sample ID: D64-3 Date Received: 06/02/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/04/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/04/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/04/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/04/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/04/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/04/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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1700 Elm Street - Suite 200
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Tel: 612 607-6400
Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107693
Client Project ID: 9805030-05

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[2]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
[3]	Common laboratory contaminant.

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Log # 1320A
980530-05
42345

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: ←		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 575-8G001		Pace Project No
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: West Approach		*Requested Due Date: 6/15/98
Sampler Signature: CHRIS MERRITT	Date Sampled: 5/29/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	D56-5	925	S		1						X	X		X			
2	D56-3.0	940			1							X		X			
3	D58-5	850			1							X		X			
4	D58-3.0	857			1							X		X			
5	D59-5	955			1								X				
6	D59-3.0	1017			1								X				
7	D60-5	956			1								X				
8	D60-3.0	1004			1								X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnite			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/29/98		CA Overnite	5/29/98	
				Hunglam / Pace	5/30/98	1000

SAMPLE CONDITION

Temp: 4 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Page 2/3

980530-05

423455

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI

Address: 1320 W. Winton Ave.
Hayward, CA 94544

Phone: (510) 785-1111

Report To: Frank Poss

Bill To: ←

P.O. # / Billing Reference: 575-86001

Project Name / No.: West Approach

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.

Pace Project Manager

Pace Project No.

*Requested Due Date: 6/15/98

Sampled By (PRINT):

Sampler Signature

Date Sampled

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	D61-S	1011	S		1						X	X	X		X		
2	D61-3	1030			1						X	X	X		X		
3	D62-S	1144			1						X	X		X			
4	D62-3	1205			1						X	X		X			
5	D63-S	1049			1						X	X	X		X	X	
6	~~D64-S~~ D64-S	1040			1						X	X		X			
7	D64-3	1216			1						X	X		X			
8											~~X~~	~~X~~					

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/29/98	1500	CALIFORNIA DISTRICT	5/29/98	1500
				Hughes Mail	5/30/98	10AM

SAMPLE CONDITION

Temp: ___°C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Page 3/3 980530-05 12545

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI
Address: 1320 W. WINTON AVE
HAYWARD CA 94545
Phone: 510 785-1111

Report To: FRANK ROSS
Bill To: SAME
P.O. # / Billing Reference: 86001 SFW
Project Name / No.: CALTRANS SFW

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6/15/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 5/29/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	8020	8260	8270	8080 PCB	CAM 17	*REMARKS
1	D65-5	1324	SOIL		1						X	X		X		X	
2	D65-3.0	1336			1						X	X		X		X	
3	D66-5	1305			1						X		X			X	NO SAMPLE
4	D66-3.0	1325			1						X		X			X	NO SAMPLE
5	D68-5	1227			1						X	X		X		X	
6	D68-3.0	1242			1						X	X		X		X	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/29/98	1500	CALIFORNIA OVERNIGHT	5/29/98	1500
				Hand Lum / Ace	5/30/98	1000

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562 597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS TBT
Site Location:

PACE ANALYTICAL Project #: 980619-09
PACE ANALYTICAL WO #: 13458A
Client ID #: 8G001 TBT

Date: 7/7/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/18/98 and received on 06/19/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
BTEX (Soil)	2-6
TPH-Speciation (Soil)	7-9
CCR Metals (Soil)	10-18
List of Abbreviations and Definitions	19

Reviewed by:
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1233.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562 498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:080619-09
PACE ANALYTICAL WO#:13458A
Client ID#:BC001 TBT

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTBZ-2-5.0	TTBZ-2-10.0	TTBZ-2-15.0	TTBBB-1-15.0	TTBAA-1-5	TTBAA-1-3.0	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/19/98	06/19/98	06/19/98	06/19/98	06/19/98	06/19/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	90	94	95	91	85	92	59-134

Client ID:	TTBAA-1-5.0	TTBAA-1-10	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	06/19/98	06/19/98	06/19/98	
Analyte				
Benzene	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	15
DF	1	1	1	
Surrogate Recovery %:				Acceptable Range:
a,a,a-Trifluorotoluene	88	91	92	59-134

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project# 980610-09
PACE ANALYTICAL WO#:13458A
Client ID#:8C001 1B1

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/19/98		06/19/98	06/19/98			
Analyte							
Benzene	89	74-116	94	93	72-115	1.1	0-26
Toluene	94	73-116	97	97	70-114	0.0	0-22
Ethylbenzene	95	75-118	99	100	68-119	1.0	0-24
Total Xylenes	97	78-120	100	101	74-117	1.0	0-22

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Pace Analytical

PACE ANALYTICAL Project# 980619 09
PACE ANALYTICAL WO#:13458A
Client ID#:BG001 TBT

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTBZ-2-S	TTBZ-2-3.0	TTBBB-1-S	TTBBB-1-3.0	TTBBB-1-5.0	TTBBB-1-10.0	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/22/98	06/22/98	06/22/98	06/22/98	06/22/98	06/22/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	100	100	100	96	98	97	59-134

Client ID:	TTB17-1-S	TTB17-1-3.0	TTB17-1-5.0	TTB17-1-10.0	TTBCC-1-S	TTBCC-1-3.0	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/22/98	06/22/98	06/22/98	06/22/98	06/22/98	06/22/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	95	93	92	93	88	90	59-134

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PACE ANALYTICAL Project# 980610-09
PACE ANALYTICAL WO#:13458A
Client ID#:BG001 TBT

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTBCC-1-5.0	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg
Analysis Date:	06/22/98	06/22/98	
Analyte			
Benzene	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	5.0
Total Xylenes	<15	<15	15
DF	1	1	
Surrogate Recovery %:			**Acceptable Range:**
a,a,a Trifluorotoluene	92	70	59-134

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PACE ANALYTICAL Project#:980619-09
PACE ANALYTICAL WO#:13458A
Client ID#:8G001 TBT

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/22/98		06/22/98	06/22/98			
Analyte							
Benzene	101	74-116	94	92	72-115	2.2	0-26
Toluene	103	73-116	96	93	70-114	2.1	0-22
Ethylbenzene	102	75-118	96	94	68-119	2.1	0-24
Total Xylenes	104	78-120	98	95	74-117	3.1	0-22

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Pace Analytical

PACE ANALYTICAL Project#:980619-09
PACE ANALYTICAL WO#:13458A
Client ID#:BC001 TBT

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	06/23/98	<10	---	10	1
TTB17-1-15	06/23/98	<10	---	10	1
TTBDD-2-3	06/23/98	<10	---	10	1
TTBDD-2-S	06/23/98	<10	---	10	1
TTBCC-2-5	06/23/98	<10	---	10	1
TTBCC-2-3	06/23/98	<10	---	10	1
TTBCC-2-S	06/23/98	70	C12-C20 Diesel	10	1
TTBCC-2-S	06/23/98	150	C20-C40 Oil	10	1
TTBAA-2-S	06/23/98	<10	---	10	1
TTBCC-1-5	06/23/98	<10	---	10	1
TTBCC-1-3	06/23/98	<10	---	10	1
TTBCC-1-S	06/23/98	<10	---	10	1
TTBDD-2-10	06/23/98	<10	---	10	1
TTBDD-2-5	06/23/98	<10	---	10	1
TTB17-2-10	06/23/98	<10	---	10	1
TTB17-2-S	06/24/98	<10	---	10	1
TTB17-2-3	06/24/98	<10	---	10	1
TTB17-2-S	06/24/98	90	C20-C40 Oil	10	1
TTB17-1-10	06/24/98	<10	---	10	1
TTB17-1-5	06/24/98	<10	---	10	1
TTB17-1-3	06/24/98	<10	---	10	1
TTB17-1-S	06/24/98	<10	---	10	1
TTBBB-1-10	06/24/98	<10	---	10	1
TTBBB-1-5	06/24/98	<10	---	10	1
TTBBB-1-3	06/24/98	<10	---	10	1
TTBBB-1-S	06/24/98	<10	---	10	1
TTBAA-2-10	06/24/98	<10	---	10	1
TTBAA-2-5	06/24/98	<10	---	10	1
TTBAA-1-10	06/24/98	<10	---	10	1
TTBY-2-10	06/24/98	<10	---	10	1
TTBZ-2-10	06/24/98	<10	---	10	1

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Pace Analytical

PACE ANALYTICAL Project#:980619-09
PACE ANALYTICAL WO#:134588A
Client ID#:BG001 TDT

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	06/25/98	<10	---	10	1
TTBAA-1-3.0	06/25/98	<10	---	10	1
TTBAA-1-5.0	06/25/98	<10	---	10	1
TTBAA-1-S	06/25/98	270	C20-C40 Oil	10	1
TTBY-2-5.0	06/25/98	<10	---	10	1
TTBY-2-3.0	06/25/98	<10	---	10	1
TTBY-2-S	06/25/98	<10	---	10	1
TTBZ-2-5.0	06/25/98	<10	---	10	1
TTBZ-2-S	06/25/98	<10	---	10	1
TTBAA-2-3.0	06/25/98	<10	---	10	1
TTBZ-2-3.0	06/25/98	<10	---	10	1

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/23/98		06/23/98	06/23/98			
TPH-Speciation	99	80-120	97	84	70-130	14	0-30

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/24/98		06/24/98	06/24/98			
TPH-Speciation	113	80-120	101	92	70-130	9.3	0-30

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/25/98		06/25/98	06/25/98			
TPH-Speciation	112	80-120	122	95	70-130	25	0-30

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Pace Analytical

PACE ANALYTICAL Project#:980619-09
PACE ANALYTICAL WO#:13458A
Client ID#:86001 TBT

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTBZ-2-5	TTBZ-2-10	TTBY-2-5	TTBY-2-3	TTBY-2-5	TTBY-2-10		EPA
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	PRL mg/kg	Method
Date Analyzed:	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	42	20	94	48	39	17	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.5	6010
Chromium (Cr)	32	25	29	26	28	30	0.5	6010
Cobalt (Co)	4.5	4.2	6.8	4.5	4.4	4.3	1.0	6010
Copper (Cu)	13	9.3	29	18	31	4.8	2.5	6010
Lead (Pb)	120	38	140	79	86	22	1.0	6010
Mercury (Hg)*	0.19	0.13	0.15	0.14	0.22	0.09	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	19	18	22	18	19	18	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	23	19	22	19	21	22	0.5	6010
Zinc (Zn)	86	62	170	180	310	38	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/26/98.

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Pace Analytical

PACE ANALYTICAL Project#:980619 09
PACE ANALYTICAL WO#:13456A
Client ID# 6G001 TIST

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTBAA-1-5	TTBAA-1-3.0	TTBAA-1-5	TTBAA-1-10	TTBZ-2-5	TTBZ-2-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	19	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	6.7	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	53	73	81	41	170	39	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	6.0	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.6	1.4	<0.5	0.5	<0.5	0.5	6010
Chromium (Cr)	31	25	23	30	22	30	0.5	6010
Cobalt (Co)	4.9	4.1	5.4	4.5	15	4.6	1.0	6010
Copper (Cu)	21	43	77	83	30	12	2.5	6010
Lead (Pb)	72	160	1600	120	9.7	250	1.0	6010
Mercury (Hg)*	0.34	0.62	2.2	0.43	0.34	0.23	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	31	19	21	18	40	19	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	5.9	<5.0	5.0	6010
Vanadium (V)	18	20	32	19	19	23	0.5	6010
Zinc (Zn)	84	330	380	74	73	110	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/26/98.

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PACE ANALYTICAL Project#:980619-09
PACE ANALYTICAL WO#:134588A
Client ID#:BC001 TBT

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTBAA-2-3	TTBAA-2-5	TTBAA-2-10	TTBBB-1-5	TTBBB-1-3	TTBBB-1-5	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	42	43	44	43	86	44	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	34	34	33	25	24	25	0.5	6010
Cobalt (Co)	4.9	5.0	4.8	5.6	7.5	4.9	1.0	6010
Copper (Cu)	21	15	36	25	34	21	2.5	6010
Lead (Pb)	76	80	140	62	20	40	1.0	6010
Mercury (Hg)*	0.31	0.23	0.34	0.33	0.30	0.32	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	26	21	20	20	33	20	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	22	25	23	23	21	23	0.5	6010
Zinc (Zn)	140	70	170	88	55	50	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/26/98.

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Pace Analytical

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTBBB-1-10	TTB17-1-5	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	06/29/98	06/29/98	06/29/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	26	140	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	27	22	<0.5	0.5	6010
Cobalt (Co)	4.3	16	<1.0	1.0	6010
Copper (Cu)	20	32	<2.5	2.5	6010
Lead (Pb)	68	40	<1.0	1.0	6010
Mercury (Hg)*	0.47	0.16	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	17	59	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	5.2	<5.0	5.0	6010
Vanadium (V)	22	23	<0.5	0.5	6010
Zinc (Zn)	74	66	<10	10	6010
DF	1	1	1		

*Mercury analyzed on 06/26/98.

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/29/98		06/29/98	06/29/98			
Analyte	EPA Method							
Antimony (Sb)	6010	97	70-130	75	71	60-130	5.5	0-25
Arsenic (As)	6010	94	78-104	97	93	34-135	4.2	0-15
Barium (Ba)	6010	91	81-117	102	96	55-130	6.1	0-25
Beryllium (Be)	6010	94	70-130	97	95	70-130	2.1	0-25
Cadmium (Cd)	6010	94	75-104	101	95	73-115	6.1	0-15
Chromium (Cr)	6010	93	81-103	104	97	62-125	7.0	0-15
Cobalt (Co)	6010	94	70-130	97	93	70-130	4.2	0-25
Copper (Cu)	6010	94	70-130	104	101	70-140	2.9	0-25
Lead (Pb)	6010	96	76-104	91	83	48-120	9.2	0-30
Mercury (Hg)*	7471	94	76-121	123	109	70-135	12	0-30
Molybdenum (Mo)	6010	93	70-130	96	92	70-130	4.3	0-25
Nickel (Ni)	6010	94	70-130	104	98	70-130	5.9	0-25
Selenium (Se)	6010	95	79-102	92	91	42-120	1.1	0-15
Silver (Ag)	6010	88	77-107	95	91	53-115	4.3	0-19
Thallium (Tl)	6010	91	70-130	96	89	70-130	6.5	0-25
Vanadium (V)	6010	94	70-130	109	101	70-130	7.6	0-25
Zinc (Zn)	6010	114	70-130	92	88	70-130	4.4	0-25

*Mercury analyzed on 06/26/98

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
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Fax: 562 597-0786

Pace Analytical

PACE ANALYTICAL Project#:980819-09
PACE ANALYTICAL WO#:13458A
Client ID#:8G001 TBT

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB17-1-3	TTB17-1-5	TTB17-1-10	TTB17-2-S	TTB17-2-3	TTB17-2-5	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98		
Analyte:								
Antimony (Sb)	<50	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<50	8.5	5.6	5.7	5.7	11	5.0	6010
Barium (Ba)	240	230	220	180	120	370	10	6010
Beryllium (Be)	<5.0	0.5	<0.5	<0.5	<0.5	0.6	0.5	6010
Cadmium (Cd)	<5.0	0.5	<0.5	<0.5	<0.5	0.6	0.5	6010
Chromium (Cr)	48	31	24	26	16	14	0.5	6010
Cobalt (Co)	22	16	13	14	10	16	1.0	6010
Copper (Cu)	48	37	30	38	27	38	2.5	6010
Lead (Pb)	14	11	22	43	31	13	1.0	6010
Mercury (Hg)*	0.16	0.15	0.08	0.25	0.34	<0.05	0.05	7471
Molybdenum (Mo)	<25	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	140	110	66	42	35	55	1.0	6010
Selenium (Se)	<25	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	11	7.7	8.7	5.2	12	5.0	6010
Vanadium (V)	37	31	26	26	22	28	0.5	6010
Zinc (Zn)	110	80	69	83	70	95	10	6010
DF	10	1	1	1	1	1		

*Mercury analyzed on 06/26/98

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Pace Analytical

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB17-2-10	TTBDD-2-5	TTBDD-2-10	TTBCC-1-5	TTBCC-1-3	TTBCC-1-5	PRL,	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	7.5	<5.0	<5.0	<5.0	16	<5.0	5.0	6010
Barium (Ba)	250	170	240	61	44	31	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.5	<0.5	<0.5	<0.5	0.7	3.2	0.5	6010
Chromium (Cr)	34	22	24	36	34	32	0.5	6010
Cobalt (Co)	16	7.1	11	8.9	6.3	4.9	1.0	6010
Copper (Cu)	35	13	17	15	220	21	2.5	6010
Lead (Pb)	8.5	19	25	54	200	62	1.0	6010
Mercury (Hg)*	0.06	0.07	0.23	0.09	0.18	0.48	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	120	21	27	23	25	22	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	74	<0.5	0.5	6010
Thallium (Tl)	10	<5.0	<5.0	<5.0	5.4	<5.0	5.0	6010
Vanadium (V)	27	21	22	29	25	23	0.5	6010
Zinc (Zn)	71	42	48	62	170	900	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/26/98.

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Pace Analytical

PACE ANALYTICAL Project# 980618-09
PACE ANALYTICAL WO#:13458A
Client ID#:BG001 TBT

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTBAA-2-S	TTBCC-2-S	TTBCC-2-3	TTBCC-2-5	TTBDD-2-5	TTBCC-2-3	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98		
Analyte									
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	300	230	18	150	95	120	<10	10	6010
Beryllium (Be)	0.8	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	28	22	28	28	29	29	<0.5	0.5	6010
Cobalt (Co)	24	22	4.2	4.3	6.6	7.4	<1.0	1.0	6010
Copper (Cu)	44	36	8.9	20	47	70	<2.5	2.5	6010
Lead (Pb)	16	25	41	100	150	120	<1.0	1.0	6010
Mercury (Hg)*	0.08	0.05	0.18	0.32	0.10	0.21	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	51	40	18	19	23	23	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	5.9	8.6	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	26	24	21	21	23	24	<0.5	0.5	6010
Zinc (Zn)	88	97	36	82	84	93	<10	10	6010
DF	1	1	1	1	1	1	1		

*Mercury analyzed on 06/26/98.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/29/98		06/29/98	06/29/98			
Analyte	EPA Method							
Antimony (Sb)	6010	95	70-130	55	54	60-130	1.8	0-25
Arsenic (As)	6010	88	78-104	89	86	34-135	3.4	0-15
Barium (Ba)	6010	100	81-117	106	101	55-130	4.8	0-25
Beryllium (Be)	6010	92	70-130	95	94	70-130	1.1	0-25
Cadmium (Cd)	6010	91	75-104	92	94	73-115	2.2	0-15
Chromium (Cr)	6010	96	81-103	109	108	62-125	0.9	0-15
Cobalt (Co)	6010	94	70-130	90	90	70-130	0.0	0-25
Copper (Cu)	6010	97	70-130	101	100	70-140	1.0	0-25
Lead (Pb)	6010	96	76-104	85	85	48-120	0.0	0-30
Mercury (Hg)*	7471	97	76-121	91	92	70-135	1.0	0-30
Molybdenum (Mo)	6010	95	70-130	91	90	70-130	1.1	0-25
Nickel (Ni)	6010	93	70-130	101	101	70-130	0.0	0-25
Selenium (Se)	6010	91	79-102	85	87	42-120	2.3	0-16
Silver (Ag)	6010	91	77-107	91	93	53-115	2.2	0-19
Thallium (Tl)	6010	100	70-130	102	92	70-130	10	0-25
Vanadium (V)	6010	97	70-130	106	103	70-130	2.9	0-25
Zinc (Zn)	6010	104	70-130	86	89	70-130	3.4	0-25

*Mercury analyzed on 06/26/98.

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/l	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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SITE INVESTIGATION REPORT
VOLUME 10 (APPENDIX C)

WEST APPROACH PROJECT INCLUDING
TRANSBAY TERMINAL LOOP
SAN FRANCISCO, CALIFORNIA

prepared for

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

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

prepared by

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
Environmental Engineering Branch
&
Professional Service Industries, Inc.
1320 West Winton Avenue
Hayward, California 94545
(510) 785-1111

June, 1999
575-8G001

Pace Analytical

Pace Analytical Services, Inc.
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July 23, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 108090
Client Project ID: 980619-09

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on June 22, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

Pace Analytical Services, Inc.
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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

TE: 07/23/98

PAGE: 1

Pace Analytical Long Beach SC
8090
60 Gilman Street
980619-09
ng Beach, CA 90815

Pace Project Number:

Client Project ID:

to: Mr. Richard Villafania
one: (562)498-9515

lid results are reported on a wet weight basis

e Sample No: 10697084 Date Collected: 06/18/98
rix: Soil
lient Sample ID: TTBCC-2-S Date Received: 06/22/98

ramaters / otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
GC -- Semi-VOA						
PCB's in Soil, Low Level	Method: EPA 8080					Prep Method: EPA 350
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/26/98	SJW	12674-11-2
PCB 1221 (Arochlor 1221)	ND	mg/kg	0.03	06/26/98	SJW	11104-28-
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/26/98	SJW	11141-16-
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/26/98	SJW	53469-21-9
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/26/98	SJW	12672 29-
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/26/98	SJW	11097 69
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/26/98	SJW	11096-82-
Tetrachloro meta-xylene (S)	88	%		06/26/98	SJW	877-09-8
Decachlorobiphenyl (S)	92	%		06/26/98	SJW	2051-24-3

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Pace Analytical

Pace Project Number:

108090

Client Project ID:

0619-09

ce Sample No: 10697084 Date Collected: 06/18/98
trix: Soil
Client Sample ID: TTBCC-2-S Date Received: 06/22/98

rameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Chloroform	ND	ug/kg	5	07/02/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/02/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/02/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/02/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/02/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/02/98	TAW	75-27-4
Dibromomethane	ND	ug/kg	5	07/02/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/02/98	TAW	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/02/98	TAW	127-18-4
1,3-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/02/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/02/98	TAW	106-93-4
Chlorobenzene	ND	ug/kg	5	07/02/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/02/98	TAW	100-41-4
M&P-Xylene	2.6	ug/kg	5	07/02/98	TAW	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/02/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/02/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/02/98	TAW	75-25-2
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/02/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/02/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/02/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/02/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	95-49-8

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1,3,5-Trimethylbenzene	ND	ug/kg	5	07/02/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/02/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	135-98-8
tert Butylbenzene	ND	ug/kg	5	07/02/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/02/98	TAW	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	95-50-1

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Pace Analytical

Pace Project Number:

108090

Client Project ID:

0619-09

Pace Sample No: 10697004 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTBCC-2-S Date Received: 06/22/98

Parameters: Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/02/98	TAW	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/02/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/02/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061-02-6
cis-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061-01-5
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/02/98	TAW	110-75-8
Acetone	7.5	ug/kg	20	07/02/98	TAW	67-64-1
1,2,3						
2-Butanone	ND	ug/kg	10	07/02/98	TAW	78-93-3
4-Methyl-2-Pentanone	ND	ug/kg	10	07/02/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/02/98	TAW	75-15-0
2-Hexanone	ND	ug/kg	100	07/02/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/02/98	TAW	108-05-4
Methyl-tert butyl Ether	ND	ug/kg	5	07/02/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/02/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/02/98	TAW	108-20-3
Ethyl-tert butyl ether	ND	ug/kg	5	07/02/98	TAW	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/02/98	TAW	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/02/98	TAW	75-65-0
Dibromofluoromethane (S)	100	%		07/02/98	TAW	1868-53-7
Toluene-d8 (S)	98	%		07/02/98	TAW	2037-26-5
4-Bromofluorobenzene (S)	100	%		07/02/98	TAW	460-00-4
1,2 Dichloroethane-d4 (S)	112	%		07/02/98	TAW	17060-07-0

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Pace Analytical

TE: 07/23/98

AGE: 4

Pace Project Number:

108090

Client Project ID:

0619-09

Pace Sample No: 10697092 Date Collected: 06/18/98

Matrix: Soil Date Received: 06/22/98

Client Sample ID: TTBCC-2-3.0

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						

GC -- Semi-VOA

PCB's in Soil, Low Level — Method: EPA 8080 — Prep Method: EPA

3550						
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/26/98	SJW	12674-11-
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/26/98	SJW	11104 28-
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/26/98	SJW	11141-16-
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/26/98	SJW	53469-21
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/26/98	SJW	12672 29-
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/26/98	SJW	11097-69-
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/26/98	SJW	11096-82
Tetrachloro-meta-xylene (S)	94	%		06/26/98	SJW	877-09-8
Decachlorobiphenyl (S)	79	%		06/26/98	SJW	2051-24 3
Date Extracted				06/24/98		

GC/MS -- VOA

GC/MS VOCs by 8260 — Method: EPA 8260 — Prep Method: EPA

8260						
Dichlorodifluoromethane	ND	ug/kg	5	07/02/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/02/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/02/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/02/98	TAW	74 83-9

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Chloroethane	ND	ug/kg	5	07/02/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/02/98	TAW	75-69-4
Methylene Chloride	24	ug/kg	5	07/02/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/02/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/02/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/02/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/02/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/02/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/02/98	TAW	75-27-4

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Pace Project Number:

108090

Client Project ID:

0619 09

ce Sample No: 10697092 Date Collected: 06/18/98

trix: Soil

Client Sample ID: TTBCC-2 3.0 Date Received: 06/22/98

rameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Dibromomethane	ND	ug/kg	5	07/02/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/02/98	TAW	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/02/98	TAW	127-18-4
1,3-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/02/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/02/98	TAW	106-93-4
Chlorobenzene	ND	ug/kg	5	07/02/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/02/98	TAW	100-41-4
M&P-Xylene	2.9	ug/kg	5	07/02/98	TAW	7816-60-0
2 O-Xylene (1,2-Dimethylbenzene)	1.5	ug/kg	5	07/02/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/02/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/02/98	TAW	75-25-2
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/02/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/02/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/02/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/02/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/02/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/02/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/02/98	TAW	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	104-51-8

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',2-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	95-50-1
,2 Dibromo-3 Chloropropane	ND	ug/kg	5	07/02/98	TAW	96-12 8
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/02/98	TAW	87 68-3
Naphthalene	ND	ug/kg	5	07/02/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	87-61-6
trans 1,3-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061-01-
2 Chloroethyl Vinyl Ether	ND	ug/kg	5	07/02/98	TAW	110-75-8
Acetone	7.6	ug/kg	20	07/02/98	TAW	67-64-1
2,3 2 Butanone	ND	ug/kg	10	07/02/98	TAW	78-93-3

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PAGE: 6

Pace Project Number:

108090

Client Project ID:

:0619-09

Pace Sample No: 10697092 Date Collected: 06/18/98

\urix: Soil

Client Sample ID: TTBCC-2-3.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes:						
4 Methyl-2-Pentanone	ND	ug/kg	10	07/02/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/02/98	TAW	75-15-0
2-Hexanone	ND	ug/kg	100	07/02/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/02/98	TAW	108-05-4
Methyl-tert-butyl Ether	ND	ug/kg	5	07/02/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/02/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/02/98	TAW	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	07/02/98	TAW	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/02/98	TAW	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/02/98	TAW	75-65-0
Dibromofluoromethane (S)	100	%		07/02/98	TAW	1868-53-7
Toluene-d8 (S)	100	%		07/02/98	TAW	2037-26-5
4-Bromofluorobenzene (S)	100	%		07/02/98	TAW	460-00-4
1,2-Dichloroethane d4 (S)	106	%		07/02/98	TAW	17060-07-

0

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DATE: 07/23/98

GE: 7

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697100 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTBDD-2-S Date Received: 06/22/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
-- Semi-VOA						
PCB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/26/98	SJW	12674-11-2
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/26/98	SJW	11104-28-2
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/26/98	SJW	11141-16-5
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/26/98	SJW	53469-21-9
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/26/98	SJW	12672-29-6
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/26/98	SJW	11097-69-1
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/26/98	SJW	11096-82-5
Tetrachloro-meta-xylene (S)	72	%		06/26/98	SJW	877-09-8
Decachlorobiphenyl (S)	87	%		06/26/98	SJW	2051-24-3
Date Extracted				06/24/98		
GC/MS -- VOA						
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 5030	
Dichlorodifluoromethane	ND	ug/kg	5	07/02/98	DKP	75-71-8
Chloromethane	ND	ug/kg	5	07/02/98	DKP	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/02/98	DKP	75-01-4
Bromomethane	ND	ug/kg	5	07/02/98	DKP	74-83-9

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Chloroethane	ND	ug/kg	5	07/02/98	DKP	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/02/98	DKP	75-69-4
Methylene Chloride	24	ug/kg	5	07/02/98	DKP	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/02/98	DKP	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	DKP	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/02/98	DKP	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/02/98	DKP	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	DKP	156-59-2
Chloroform	ND	ug/kg	5	07/02/98	DKP	67-66-3
Bromochloromethane	ND	ug/kg	5	07/02/98	DKP	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/02/98	DKP	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/02/98	DKP	56-23-5
1,1 Dichloropropene	ND	ug/kg	5	07/02/98	DKP	563 58-6
Benzene	ND	ug/kg	5	07/02/98	DKP	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/02/98	DKP	107-06-2
Trichloroethene	ND	ug/kg	5	07/02/98	DKP	79 01-6
1,2-Dichloropropane	ND	ug/kg	5	07/02/98	DKP	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/02/98	DKP	75-27-4

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DATE: 07/23/98

GE: 8

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697100 Date Collected: 06/18/98

trix: Soil

ient Sample ID: TTBDD 2-S Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
Dibromomethane	ND	ug/kg	5	07/02/98	DKP	74 95-3
Toluene	ND	ug/kg	5	07/02/98	DKP	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/02/98	DKP	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/02/98	DKP	127-18 4
1,3-Dichloropropane	ND	ug/kg	5	07/02/98	DKP	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/02/98	DKP	124 48-1
1,2-Dibromoethane	ND	ug/kg	5	07/02/98	DKP	106-93-4
Chlorobenzene	ND	ug/kg	5	07/02/98	DKP	108-90-7
1,1,1,2 Tetrachloroethane	ND	ug/kg	5	07/02/98	DKP	630 20-6
Ethylbenzene	4.4	ug/kg	5	07/02/98	DKP	100 41 4
M&P Xylene	21	ug/kg	5	07/02/98	DKP	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	10	ug/kg	5	07/02/98	DKP	95 47-6
Styrene	ND	ug/kg	5	07/02/98	DKP	100-42-5
Bromoform	ND	ug/kg	5	07/02/98	DKP	75-25 2
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/02/98	DKP	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	DKP	79 34 5
Bromobenzene	ND	ug/kg	5	07/02/98	DKP	108 86 1
1,2,3-Trichloropropane	ND	ug/kg	5	07/02/98	DKP	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/02/98	DKP	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/02/98	DKP	95 49 8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/02/98	DKP	108-67-8
4 Chlorotoluene	ND	ug/kg	5	07/02/98	DKP	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/02/98	DKP	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/02/98	DKP	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/02/98	DKP	98 06-6
p-Isopropyltoluene	ND	ug/kg	5	07/02/98	DKP	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/02/98	DKP	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/02/98	DKP	106 46 7
n-Butylbenzene	ND	ug/kg	5	07/02/98	DKP	104-51-8
1,2 Dichlorobenzene	ND	ug/kg	5	07/02/98	DKP	95-50-1

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1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/02/98	DKP	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/02/98	DKP	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/02/98	DKP	87-68-3
Naphthalene	ND	ug/kg	5	07/02/98	DKP	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/02/98	DKP	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	DKP	10061-02-6
cis-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	DKP	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/02/98	DKP	110-75-8
Acetone	7.1	ug/kg	20	07/02/98	DKP	67-64-1
2,3,4						
2-Butanone	ND	ug/kg	10	07/02/98	DKP	78 93-3

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DATE: 07/23/98

GE: 9

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697100 Date Collected: 06/18/98

rrix: Soil

ient Sample ID: TTBDU 2-S Date Received: 06/22/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Methyl 2 Pentanone	ND	ug/kg	10	07/02/98	DKP	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/02/98	DKP	75-15-0
2-Hexanone	ND	ug/kg	100	07/02/98	DKP	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/02/98	DKP	108-05-4
Methyl tert butyl Ether	ND	ug/kg	5	07/02/98	DKP	1634-04-4
Ethanol	ND	ug/kg	500	07/02/98	DKP	64 17 5
Isopropyl Ether	ND	ug/kg	5	07/02/98	DKP	108-20-3
Ethyl tert butyl ether	ND	ug/kg	5	07/02/98	DKP	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/02/98	DKP	994-05 8
2-Methyl-2-propanol	ND	ug/kg	100	07/02/98	DKP	75-65-0
Dibromofluoromethane (S)	98	%		07/02/98	DKP	1868-53-7
Toluene-d8 (S)	98	%		07/02/98	DKP	2037-26-5
4-Bromofluorobenzene (S)	98	%		07/02/98	DKP	460-00-4
1,2-Dichloroethane-d4 (S)	106	%		07/02/98	DKP	17060-07-

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Pace Analytical

DATE: 07/23/98

GE: 10

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697118 Date Collected: 06/18/98
Matrix: Soil
Client Sample ID: TTBDD-2-3.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Qualifiers						
-- Semi-VOA						
PCB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/26/98	SJW	12674-11-2
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/26/98	SJW	11104-28-
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/26/98	SJW	11141 16-5
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/26/98	SJW	53469-21-
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/26/98	SJW	12672-29-
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/26/98	SJW	11097-69-1
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/26/98	SJW	11096-82
Tetrachloro-meta-xylene (S)	96	%		06/26/98	SJW	877-09 8
Decachlorobiphenyl (S)	106	%		06/26/98	SJW	2051-24-3
Date Extracted				06/24/98		
GC/MS -- VOA						
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 260	
Dichlorodifluoromethane	ND	ug/kg	5	07/02/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/02/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/02/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/02/98	TAW	74-83 9

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Chloroethane	ND	ug/kg	5	07/02/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/02/98	TAW	75-69-4
Methylene Chloride	18	ug/kg	5	07/02/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/02/98	TAW	67 66-3
Bromochloromethane	ND	ug/kg	5	07/02/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/02/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/02/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/02/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	78-87 5
Bromodichloromethane	ND	ug/kg	5	07/02/98	TAW	75-27-4

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Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697118 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTBDD-2-3.0 Date Received: 06/22/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Dibromomethane	ND	ug/kg	5	07/02/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/02/98	TAW	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/02/98	TAW	127-18-4
1,3-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/02/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/02/98	TAW	106-93-4
Chlorobenzene	ND	ug/kg	5	07/02/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/02/98	TAW	100-41-4
M&P-Xylene	ND	ug/kg	5	07/02/98	TAW	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/02/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/02/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/02/98	TAW	75-25-2
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/02/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/02/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/02/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/02/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/02/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/02/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/02/98	TAW	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/02/98	TAW	96-12-8

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1,2,4-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/02/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/02/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/02/98	TAW	110-75-8
Acetone	7.0	ug/kg	20	07/02/98	TAW	67-64-1
3						
2-Butanone	ND	ug/kg	10	07/02/98	TAW	78-93-3

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DATE: 07/23/98

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Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 1069/118 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTEDD-2-3.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
4-Methyl-2-Pentanone	ND	ug/kg	10	07/02/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/02/98	TAW	75-15-0
2-Hexanone	ND	ug/kg	100	07/02/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/02/98	TAW	108-05-4
Methyl-tert-butyl Ether	ND	ug/kg	5	07/02/98	TAW	1634-04 4
Ethanol	ND	ug/kg	500	07/02/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/02/98	TAW	108-20-3
Ethyl-tert-butyl-ether	ND	ug/kg	5	07/02/98	TAW	637-92 3
tert-Amylmethyl ether	ND	ug/kg	5	07/02/98	TAW	994-05-8
2-Methyl 2 propanol	ND	ug/kg	100	07/02/98	TAW	75-65-0
Dibromofluoromethane (S)	98	%		07/02/98	TAW	1868-53-7
Toluene-d8 (S)	100	%		07/02/98	TAW	2037-26-5
4-Bromofluorobenzene (S)	98	%		07/02/98	TAW	460-00-4
1,2-Dichloroethane-d4 (S)	106	%		07/02/98	TAW	17060-07-

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Pace Project Number:
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Client Project ID:
980619-09

Pace Sample No: 10697136 Date Collected: 06/18/98
Matrix: Soil
Client Sample ID: TTBDD-2-5.0 Date Received: 06/22/98

Parameters / Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
3 -- Semi-VOA						
PCB's in Soil, Low Level		Method: EPA 8080				Prep Method: EPA
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/26/98	SJW	12674-11
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/26/98	SJW	11104-28
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/26/98	SJW	11141-16
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/26/98	SJW	53469-21
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/26/98	SJW	12672-29
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/26/98	SJW	11097-69
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/26/98	SJW	11096-82
Tetrachloro meta-xylene (S)	92	%		06/26/98	SJW	877-09-8
Decachlorobiphenyl (S)	96	%		06/26/98	SJW	2051-24-3
Date Extracted				06/24/98		
GC/MS -- VOA						
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 8260
Dichlorodifluoromethane	ND	ug/kg	5	07/02/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/02/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/02/98	TAW	75 01 4
Bromomethane	ND	ug/kg	5	07/02/98	TAW	74-83-9

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Chloroethane	ND	ug/kg	5	07/02/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/02/98	TAW	75-69-4
Methylene Chloride	13	ug/kg	5	07/02/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/02/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/02/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/02/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/02/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/02/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/02/98	TAW	75-27-4

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E.GE: 14

Pace Project Number:

: 8090

Client Project ID:

980619-09

Pace Sample No: 10697126 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTBDD-2-5.0 Date Received: 06/22/98

Parameter/ Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Dibromomethane	ND	ug/kg	5	07/02/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/02/98	TAW	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/02/98	TAW	127-18-4
1,3 Dichloropropane	ND	ug/kg	5	07/02/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/02/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/02/98	TAW	106 93-4
Chlorobenzene	ND	ug/kg	5	07/02/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/02/98	TAW	100-41-4
M&P-Xylene	ND	ug/kg	5	07/02/98	TAW	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/02/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/02/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/02/98	TAW	75-25-2
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/02/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/02/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/02/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/02/98	TAW	103-65 1
2-Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/02/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/02/98	TAW	95 63 6
sec Butylbenzene	ND	ug/kg	5	07/02/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	98 06-6
p-Isopropyltoluene	ND	ug/kg	5	07/02/98	TAW	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	541 73 1
1,4-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	106-46-7
n Butylbenzene	ND	ug/kg	5	07/02/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/02/98	TAW	96-12-8

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1,2,4-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/02/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/02/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/02/98	TAW	110-75-8
Acetone	7.2	ug/kg	20	07/02/98	TAW	67-64-1
2-Butanone	ND	ug/kg	10	07/02/98	TAW	78-93-3

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DATE: 07/23/98

GE: 15

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 1069712G Date Collected: 06/18/98
trix: Soil
ient Sample ID: TTBDD-2-5.0 Date Received: 06/22/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Methyl-2-Pentanone	ND	ug/kg	10	07/02/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/02/98	TAW	75-15-0
2-Hexanone	ND	ug/kg	100	07/02/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/02/98	TAW	108-05-4
Methyl tert butyl Ether	ND	ug/kg	5	07/02/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/02/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/02/98	TAW	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	07/02/98	TAW	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/02/98	TAW	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/02/98	TAW	75-65-0
Dibromofluoromethane (S)	96	%		07/02/98	TAW	1868-53-7
Toluene-d8 (S)	98	%		07/02/98	TAW	2037 26 5
4-Bromofluorobenzene (S)	98	%		07/02/98	TAW	460-00-4
1,2-Dichloroethane-d4 (S)	104	%		07/02/98	TAW	17060-07-

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DATE: 07/23/98

GE: 16

8090

Pace Project Number:

Client Project ID:

980619-09

Pace Sample No: 10697134 Date Collected: 06/18/98

trix: Soil

ient Sample ID: TTBCC-1-S Date Received: 06/22/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
/MS -- Semi-VOA						
Semivolatile Organics)	Method: EPA 8270				Prep Method: EPA	
Phenol	350	ug/kg	330	07/01/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95 57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100 51 6
1,2-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/01/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621 64-7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105 67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/01/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106 47 8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87-68-3
4 Chloro 3 methylphenol	ND	ug/kg	660	07/01/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/01/98	SAC	91-57-6

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Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2 Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74 4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/01/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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DATE: 07/23/98

GE: 17

Pace Project Number:

8090

Client Project ID:

980619 09

Pace Sample No: 10697134 Date Collected: 06/18/98
Matrix: Soil
(ient Sample ID: TTBCC-1-S Date Received: 06/22/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/01/98	SAC	86 73 7
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86 30 6
4 Bromophenyl phenylether	ND	ug/kg	330	07/01/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86-5
Phenanthrene	ND	ug/kg	330	07/01/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/01/98	SAC	120-12-7
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74-2
Fluoranthene	ND	ug/kg	330	07/01/98	SAC	206-44-0
Pyrene	ND	ug/kg	330	07/01/98	SAC	129 00 0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/kg	330	07/01/98	SAC	56-55-3
Chrysene	ND	ug/kg	330	07/01/98	SAC	218 01 9
bis(2-Ethylhexyl)phthalate	340	ug/kg	330	07/01/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117-84-0
Benzo(b)fluoranthene	ND	ug/kg	330	07/01/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/01/98	SAC	207-08-9
Benzo(a)pyrene	ND	ug/kg	330	07/01/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193 39 5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/01/98	SAC	191-24-2
Nitrobenzene-d5 (S)	59	%		07/01/98	SAC	4165-60-0

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2-Fluorobiphenyl (S)	67	%	07/01/98	SAC	321-60-8
Terphenyl-d14 (S)	87	%	07/01/98	SAC	1718-51-0
Phenol-d6 (S)	65	%	07/01/98	SAC	13127-88-
2-Fluorophenol (S)	60	%	07/01/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	61	%	07/01/98	SAC	118 79-6
Date Extracted			06/24/98		

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Pace Project Number:

)8090

Client Project ID:

980619-09

Pace Sample No: 10697142 Date Collected: 06/18/98

atrix: Soil

lient Sample ID: TTBCC 1 3.0 Date Received: 06/22/98

Parameters ootnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
C/MS Semi VOA						
Semivolatile Organics 0	Method: EPA 8270				Prep Method: EPA	
Phenol	380	ug/kg	330	07/01/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44-4
2 Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95-57 8
1,3-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541-73-1
1,4 Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100 51 6
1,2-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/01/98	SAC	95-48-7
bis(2 Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638 32
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67 72 1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78-59-1
2 Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65 85 0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120 83 2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/01/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106 47 8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/01/98	SAC	59-50-7
2 Methylnaphthalene	ND	ug/kg	330	07/01/98	SAC	91-57-6

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Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697142 Date Collected: 06/18/98
Matrix: Soil
ient Sample ID: TTBCC 1-3.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121-14 2	
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30-6	
4-Bromophenyl phenylether	ND	ug/kg	330	07/01/98	SAC	101 55 3	
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/01/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/01/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74-2	
Fluoranthene	100	ug/kg	330	07/01/98	SAC	206-44 0	2
Pyrene	140	ug/kg	330	07/01/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/01/98	SAC	56-55 3	
Chrysene	ND	ug/kg	330	07/01/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	120	ug/kg	330	07/01/98	SAC	117-81 7	3
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117-84-0	
Benzo(b)fluoranthene	85	ug/kg	330	07/01/98	SAC	205-99-2	2
Benzo(k)fluoranthene	ND	ug/kg	330	07/01/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/01/98	SAC	50-32 8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193-39-5	

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Chloroethane	ND	ug/kg	5	07/02/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/02/98	TAW	75-69-4
Methylene Chloride	9.6	ug/kg	5	07/02/98	TAW	75-09-2
1,1 Dichloroethene	ND	ug/kg	5	07/02/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/02/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/02/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/02/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/02/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/02/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/02/98	TAW	75-27-4

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Pace Project Number:

98090

Client Project ID:

980619 09

Pace Sample No: 10697159 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTBAA-2-5 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
Dibromomethane	ND	ug/kg	5	07/02/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/02/98	TAW	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/02/98	TAW	127-18-4
1,3-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/02/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/02/98	TAW	106-93-4
Chlorobenzene	ND	ug/kg	5	07/02/98	TAW	108-90-7
1,1,1,2 Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/02/98	TAW	100-41-4
M&P-Xylene	ND	ug/kg	5	07/02/98	TAW	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/02/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/02/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/02/98	TAW	75-25-2
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/02/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/02/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/02/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/02/98	TAW	103-65-1
2 Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/02/98	TAW	108 67-8
4-Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/02/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/02/98	TAW	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	541-73-1
1,4 Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	95-50-1
1,2 Dibromo 3 Chloropropane	ND	ug/kg	5	07/02/98	TAW	96-12-8

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1,2,4-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/02/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/02/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	87-61-6
trans-1,3 Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061-01-
2 Chloroethyl Vinyl Ether	ND	ug/kg	5	07/02/98	TAW	110-75-8
Acetone	7.2	ug/kg	20	07/02/98	TAW	67-64-1
1,2,3 2 Butanone	ND	ug/kg	10	07/02/98	TAW	78-93-3

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DATE: 07/23/98

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Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697159 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTBAA-2-5 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
4-Methyl-2-Pentanone	ND	ug/kg	10	07/02/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/02/98	TAW	75-15-0
2-Hexanone	ND	ug/kg	100	07/02/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/02/98	TAW	108 05-4
Methyl-tert-butyl Ether	ND	ug/kg	5	07/02/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/02/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/02/98	TAW	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	07/02/98	TAW	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/02/98	TAW	994-05 8
2-Methyl-2-propanol	ND	ug/kg	100	07/02/98	TAW	75-65-0
Dibromofluoromethane (S)	98	%		07/02/98	TAW	1868-53-7
Toluene d8 (S)	100	%		07/02/98	TAW	2037-26-5
4-Bromofluorobenzene (S)	96	%		07/02/98	TAW	460-00-4
1,2-Dichloroethane-d4 (S)	104	%		07/02/98	TAW	17060 07-

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Pace Analytical

DATE: 07/23/98

GE: 23

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 1069/167 Date Collected: 06/18/98

Matrix: Soil

lient Sample ID: TTB17-1-S$_{WB}$ Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						

/MS -- Semi-VOA

Semivolatile Organics	Method: EPA 8270				Prep Method: EPA
0					
Phenol	ND	ug/kg	330	07/01/98 SAC	108 95 2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98 SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/01/98 SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/01/98 SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/01/98 SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98 SAC	100-51-6
1,2 Dichlorobenzene	ND	ug/kg	330	07/01/98 SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/01/98 SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/01/98 SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/01/98 SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/01/98 SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/01/98 SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/01/98 SAC	98-95-3
Isophorone	ND	ug/kg	330	07/01/98 SAC	78 59 1
2-Nitrophenol	ND	ug/kg	330	07/01/98 SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98 SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98 SAC	65 85 0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98 SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/01/98 SAC	120-83-2
1,2,4 Trichlorobenzene	ND	ug/kg	330	07/01/98 SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/01/98 SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/01/98 SAC	106-47 8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98 SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/01/98 SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/01/98 SAC	91-57 6

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Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/01/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697167 Date Collected: 06/18/98

Matrix: Soil

ient Sample ID: TTB17 1-5 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84 66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	101 55-3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86-5
Phenanthrene	ND	ug/kg	330	07/01/98	SAC	85 01 8
Anthracene	ND	ug/kg	330	07/01/98	SAC	120-12-7
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74-2
Fluoranthene	ND	ug/kg	330	07/01/98	SAC	206-44-0
Pyrene	ND	ug/kg	330	07/01/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/kg	330	07/01/98	SAC	56-55-3
Chrysene	ND	ug/kg	330	07/01/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	180	ug/kg	330	07/01/98	SAC	117-81 7
3						
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117-84-0
Benzo(b)fluoranthene	ND	ug/kg	330	07/01/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/01/98	SAC	207-08-9
Benzo(a)pyrene	ND	ug/kg	330	07/01/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/01/98	SAC	191 24-2
Nitrobenzene-d5 (S)	68	%		07/01/98	SAC	4165-60-0

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2-Fluorobiphenyl (S)	73	%	07/01/98	SAC	321-60-8
Terphenyl-d14 (S)	104	%	07/01/98	SAC	1718-51-0
Phenol-d6 (S)	85	%	07/01/98	SAC	13127 88-
2-Fluorophenol (S)	76	%	07/01/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	69	%	07/01/98	SAC	118-79-6
Date Extracted			06/24/98		

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DATE: 07/23/98

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Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697175 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTB17-1-3.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA	
Phenol	260	ug/kg	330	07/01/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541 73 1
1,4-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95-50-1
2 Methylphenol	ND	ug/kg	330	07/01/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638-32-
4 Methylphenol	ND	ug/kg	330	07/01/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98 95-3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111-91 1
2,4 Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/01/98	SAC	91 20 3
4-Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87-68-3
4 Chloro 3 methylphenol	ND	ug/kg	660	07/01/98	SAC	59-50-7

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2-Methylnaphthalene	81	ug/kg	330	07/01/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95 95-4
2 Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131 11-3
Acenaphthylene	ND	ug/kg	330	07/01/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32 9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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Pace Analytical

DATE: 07/23/98

) GE: 26

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697175 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTB17-1-3.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121-14 2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6
4,6-Dinitro-2 methylphenol	ND	ug/kg	1600	07/01/98	SAC	534-52-1
N Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74 1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86-5
Phenanthrene	140	ug/kg	330	07/01/98	SAC	85 01-8
2						
Anthracene	ND	ug/kg	330	07/01/98	SAC	120-12-7
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84 74 2
Fluoranthene	ND	ug/kg	330	07/01/98	SAC	206-44-0
Pyrene	ND	ug/kg	330	07/01/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85 68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/kg	330	07/01/98	SAC	56-55-3
Chrysene	ND	ug/kg	330	07/01/98	SAC	218-01 9
bis(2-Ethylhexyl)phthalate	86	ug/kg	330	07/01/98	SAC	117-81-7
2,3						
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117 84-0
Benzo(b)fluoranthene	ND	ug/kg	330	07/01/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/01/98	SAC	207-08-9
Benzo(a)pyrene	ND	ug/kg	330	07/01/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53 70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/01/98	SAC	191-24-2

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Nitrobenzene-d5 (S)	62	%	07/01/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	68	%	07/01/98	SAC	321-60-8
Terphenyl-d14 (S)	96	%	07/01/98	SAC	1718-51-0
Phenol-d6 (S)	72	%	07/01/98	SAC	13127-88-
2-Fluorophenol (S)	59	%	07/01/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	39	%	07/01/98	SAC	118-79-6
Date Extracted			06/24/98		

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DATE: 07/23/98

GE: 27

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697183 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTB17-1-5.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
I/MS -- Semi-VOA						
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA	
0						
Phenol	ND	ug/kg	330	07/01/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44-4
2 Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541 73 1
1,4-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95 50 1
2-Methylphenol	ND	ug/kg	330	07/01/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67 72 1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105-67-9
Benzoic Acid	71	ug/kg	1600	07/01/98	SAC	65-85-0
2						
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111-91-1
2,4 Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120 83 2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/01/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106 47-8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87-68-3
4 Chloro-3 methylphenol	ND	ug/kg	660	07/01/98	SAC	59-50 7

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2-Methylnaphthalene	ND	ug/kg	330	07/01/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/01/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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DATE: 07/23/98

GE: 28

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697183 Date Collected: 06/18/98

Matrix: Soil

ient Sample ID: TTB17-1-S.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
4 Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4 Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121 14 2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2
4-Chlorophenyl phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6
4,6-Dinitro 2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534-52-1
N Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118 74-1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86-5
Phenanthrene	ND	ug/kg	330	07/01/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/01/98	SAC	120 12-7
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74-2
Fluoranthene	ND	ug/kg	330	07/01/98	SAC	206-44-0
Pyrene	ND	ug/kg	330	07/01/98	SAC	129 00-0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/kg	330	07/01/98	SAC	56 55-3
Chrysene	ND	ug/kg	330	07/01/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	200	ug/kg	330	07/01/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117-84-0
Benzo(b)fluoranthene	ND	ug/kg	330	07/01/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/01/98	SAC	207-08 9
Benzo(a)pyrene	ND	ug/kg	330	07/01/98	SAC	50 32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/01/98	SAC	191-24-2
Nitrobenzene-d5 (S)	82	%		07/01/98	SAC	4165-60-0

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2-Fluorobiphenyl (S)	81	%	07/01/98	SAC	321-60-8
Terphenyl-d14 (S)	133	%	07/01/98	SAC	1718-51-0
Phenol-d6 (S)	68	%	07/01/98	SAC	13127-88-
2-Fluorophenol (S)	64	%	07/01/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	67	%	07/01/98	SAC	118-79-6
Date Extracted			06/26/98		

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Pace Analytical

DATE: 07/23/98

LAB: 29

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 1069719 1 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTB17-2-SOIL Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Extraction						
-- Semi-VOA						
PCB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/26/98	SJW	12674-11-2
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/26/98	SJW	11104-28-2
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/26/98	SJW	11141-16-5
PCB 1242 (Arochlor 1242)	ND	mg/kg	0.03	06/26/98	SJW	53469-21-9
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/26/98	SJW	12672-29-6
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/26/98	SJW	11097-69-1
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/26/98	SJW	11096-82-5
Tetrachloro-meta-xylene (S)	99	%		06/26/98	SJW	877-09-8
Decachlorobiphenyl (S)	97	%		06/26/98	SJW	2051-24-3
Date Extracted				06/24/98		
GC/MS -- VOA						
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260	
Dichlorodifluoromethane	ND	ug/kg	5	07/02/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/02/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/02/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/02/98	TAW	74-83-9

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Chloroethane	ND	ug/kg	5	07/02/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/02/98	TAW	75-69-4
Methylene Chloride	2.4	ug/kg	5	07/02/98	TAW	75-09-2
1,2						
1,1-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/02/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/02/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/02/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/02/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/02/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/02/98	TAW	75 27 4

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Chloroethane	ND	ug/kg	5	07/02/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/02/98	TAW	75-69-4
Methylene Chloride	1.6	ug/kg	5	07/02/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/02/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/02/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/02/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/02/98	TAW	71-43-2
1,2 Dichloroethane	ND	ug/kg	5	07/02/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/02/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/02/98	TAW	75-27-4

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DATE: 07/23/98

GE: 33

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697209 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTB17-2-3.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Dibromomethane	ND	ug/kg	5	07/02/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/02/98	TAW	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/02/98	TAW	127-18-4
1,3-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/02/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/02/98	TAW	106-93-4
Chlorobenzene	ND	ug/kg	5	07/02/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/02/98	TAW	100-41-4
M&P-Xylene	ND	ug/kg	5	07/02/98	TAW	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/02/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/02/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/02/98	TAW	75-25-2
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/02/98	TAW	98-82-8
1,1,2,2 Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/02/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/02/98	TAW	96-18-4
n Propylbenzene	ND	ug/kg	5	07/02/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/02/98	TAW	108-67-8
4 Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/02/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	135-98-8
tert Butylbenzene	ND	ug/kg	5	07/02/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/02/98	TAW	99-87-6
1,3 Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	95-50-1
1,2 Dibromo 3-Chloropropane	ND	ug/kg	5	07/02/98	TAW	96-12-8

Footnotes

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1,2,4-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/02/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/02/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061 02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/02/98	TAW	110-75-8
Acetone	7.0	ug/kg	20	07/02/98	TAW	67-64-1
2,3						
2-Butanone	ND	ug/kg	10	07/02/98	TAW	78-93-3

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DATE: 07/23/98

GE: 34

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697209 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTBL7-2-3.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Methyl-2-Pentanone	ND	ug/kg	10	07/02/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/02/98	TAW	75-15-0
2-Hexanone	ND	ug/kg	100	07/02/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/02/98	TAW	108-05-4
Methyl tert-butyl Ether	ND	ug/kg	5	07/02/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/02/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/02/98	TAW	108-20-3
Ethyl tert butyl ether	ND	ug/kg	5	07/02/98	TAW	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/02/98	TAW	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/02/98	TAW	75-65-0
Dibromofluoromethane (S)	94	%		07/02/98	TAW	1868-53-7
Toluene d8 (S)	98	%		07/02/98	TAW	2037-26-5
4-Bromofluorobenzene (S)	96	%		07/02/98	TAW	460-00-4
1,2-Dichloroethane-d4 (S)	102	%		07/02/98	TAW	17060-07-

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Pace Analytical

DATE: 07/23/98

) GE: 35

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697217 Date Collected: 06/18/98

trix: Soil

ient Sample ID: TTB17-2-5.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
-- Semi-VOA						
PCBs in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/26/98	SJW	12674-11-2
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/26/98	SJW	11104-28-
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/26/98	SJW	11141-16-
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/26/98	SJW	53469-21-9
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/26/98	SJW	12672-29
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/26/98	SJW	11097-69-1
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/26/98	SJW	11096-82-
Tetrachloro-meta-xylene (S)	94	%		06/26/98	SJW	877-09-8
Decachlorobiphenyl (S)	99	%		06/26/98	SJW	2051-24-3
Date Extracted				06/24/98		
GC/MS -- VOA						
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260	
Dichlorodifluoromethane	ND	ug/kg	5	07/02/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/02/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/02/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/02/98	TAW	74-83-9

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Chloroethane	ND	ug/kg	5	07/02/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/02/98	TAW	75-69-4
Methylene Chloride	1.8	ug/kg	5	07/02/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	594-20-7
cis 1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/02/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/02/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/02/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/02/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/02/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/02/98	TAW	75-27-4

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Pace Analytical

DATE: 07/23/98

1 GE: 36

Pace Project Number:

: 8090

Client Project ID:

980619-09

Pace Sample No: 10697217 Date Collected: 06/18/98

trix: Soil

ient Sample ID: TTB17 2-5.0 Date Received: 06/22/98

rameters / otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Dibromomethane	ND	ug/kg	5	07/02/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/02/98	TAW	108 88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/02/98	TAW	127-18-4
1,3-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/02/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/02/98	TAW	106-93 4
Chlorobenzene	ND	ug/kg	5	07/02/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/02/98	TAW	100 41-4
M&P-Xylene	ND	ug/kg	5	07/02/98	TAW	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/02/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/02/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/02/98	TAW	75-25-2
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/02/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/02/98	TAW	108-86-1
1,2,3 Trichloropropane	ND	ug/kg	5	07/02/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/02/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/02/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/02/98	TAW	95-63 6
sec Butylbenzene	ND	ug/kg	5	07/02/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/02/98	TAW	99 87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	106-46-7
n Butylbenzene	ND	ug/kg	5	07/02/98	TAW	104 51 8
1,2-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	95-50-1
1,2 Dibromo 3-Chloropropane	ND	ug/kg	5	07/02/98	TAW	96-12-8

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1,2,4-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/02/98	TAW	87-68 3
Naphthalene	ND	ug/kg	5	07/02/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	87-61-6
trans-1,3 Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061 02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/02/98	TAW	110-75 8
Acetone	11	ug/kg	20	07/02/98	TAW	67-64-1
2-Butanone	ND	ug/kg	10	07/02/98	TAW	78-93-3

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DATE: 07/23/98

AGE: 37

Pace Project Number:

98090

Client Project ID:

980619-09

Pace Sample No: 10697217 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTB17-2-5.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
4-Methyl-2-Pentanone	ND	ug/kg	10	07/02/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/02/98	TAW	75 15-0
2-Hexanone	ND	ug/kg	100	07/02/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/02/98	TAW	108-05-4
Methyl-tert butyl Ether	ND	ug/kg	5	07/02/98	TAW	1634 04-4
Ethanol	ND	ug/kg	500	07/02/98	TAW	64 17-5
Isopropyl Ether	ND	ug/kg	5	07/02/98	TAW	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	07/02/98	TAW	637-92-3
tert Amylmethyl ether	ND	ug/kg	5	07/02/98	TAW	994 05 8
2-Methyl-2-propanol	ND	ug/kg	100	07/02/98	TAW	75-65-0
Dibromofluoromethane (S)	92	%		07/02/98	TAW	1868-53-7
Toluene-d8 (S)	98	%		07/02/98	TAW	2037 26 5
4-Bromofluorobenzene (S)	96	%		07/02/98	TAW	460-00-4
1,2-Dichloroethane-d4 (S)	100	%		07/02/98	TAW	17060-07-

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DATE: 07/23/98

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Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697225 Date Collected: 06/18/98

trix: Soil

ient. Sample ID: TTBAA-2-3.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
Semi-VOA						
PCB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/29/98	SJW	12674-11-
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/29/98	SJW	11104 28-
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/29/98	SJW	11141-16-
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/29/98	SJW	53469-21-
PCB 1248 (Arochlor 1248)	ND	mg/kg	0.03	06/29/98	SJW	12672-29-
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/29/98	SJW	11097 69-
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/29/98	SJW	11096-82
Tetrachloro-meta-xylene (S)	108	%		06/29/98	SJW	877-09-8
Decachlorobiphenyl (S)	119	%		06/29/98	SJW	2051-24-3
Date Extracted				06/24/98		

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Pace Project Number:

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Client Project ID:

980619-09

Pace Sample No: 10697233 Date Collected: 06/18/98

trix: Soil

ient Sample ID: TTBAA 2-5.0 Date Received: 06/22/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Semi-VOA						
CB's in Soil, Low Level .0	Method: EPA 8080					Prep Method: EPA
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/29/98	SJW	12674-11-2
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/29/98	SJW	11104 28
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/29/98	SJW	11141-16-
PCB 1242 (Arochlor 1242)	ND	mg/kg	0.03	06/29/98	SJW	53469-21-9
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/29/98	SJW	12672-29-
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/29/98	SJW	11097 69 1
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/29/98	SJW	11096-82
Tetrachloro-meta-xylene (S)	108	%		06/29/98	SJW	877-09-8
Decachlorobiphenyl (S)	109	%		06/29/98	SJW	2051-24-3
Date Extracted				06/24/98		

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DATE: 07/23/98

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Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697241 Date Collected: 06/18/98

trix: Soil

ient Sample ID: TTBBB-1-5 Date Received: 06/22/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
C/MS -- Semi-VOA						
Semivolatile Organics 5	Method: EPA 8270				Prep Method: EPA	
Phenol	ND	ug/kg	330	07/01/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95 57 8
1,3-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106 46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100 51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/01/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106 44-5
N-Nitroso di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98 95-3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111 91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120-82 1
Naphthalene	ND	ug/kg	330	07/01/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/01/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/01/98	SAC	91-57-6

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Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/01/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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Pace Project Number:

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Client Project ID:

980619-09

Pace Sample No: 10697241 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTBBB-1-S Date Received: 06/22/98

Parameters / Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4 Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87 86 5
Phenanthrene	180	ug/kg	330	07/01/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/01/98	SAC	120 12 7
Di n butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74-2
Fluoranthene	150	ug/kg	330	07/01/98	SAC	206 44 0
Pyrene	370	ug/kg	330	07/01/98	SAC	129 00 0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1
Benzo(a)anthracene	100	ug/kg	330	07/01/98	SAC	56-55-3
Chrysene	120	ug/kg	330	07/01/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	140	ug/kg	330	07/01/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117-84-0
Benzo(b)fluoranthene	86	ug/kg	330	07/01/98	SAC	205-99 2

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Benzo(k)fluoranthene	68	ug/kg	330	07/01/98	SAC	207-08-9
Benzo(a)pyrene	93	ug/kg	330	07/01/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/01/98	SAC	191-24-2
Nitrobenzene-d5 (S)	70	%		07/01/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	73	%		07/01/98	SAC	321-60-8
Terphenyl-d14 (S)	109	%		07/01/98	SAC	1718-51-0
Phenol-d6 (S)	63	%		07/01/98	SAC	13127-88-
2-Fluorophenol (S)	57	%		07/01/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	78	%		07/01/98	SAC	118-79-6
Date Extracted				06/26/98		

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DATE: 07/23/98

CE: 42

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 1069/258 Date Collected: 06/18/98

trix: Soil

ient Sample ID: TTBBB-1-3.0 Date Received: 06/22/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
/MS - Semi-VOA						
Semivolatile Organics)	Method: EPA 8270				Prep Method: EPA	
Phenol	ND	ug/kg	330	07/01/98	SAC	108 95 2
bis(2 Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541 73 1
1,4-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95 50 1
2-Methylphenol	ND	ug/kg	330	07/01/98	SAC	95 48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106 44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67-72 1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65-85 0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120 82-1
Naphthalene	87	ug/kg	330	07/01/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/01/98	SAC	59 50-7

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2-Methylnaphthalene	ND	ug/kg	330	07/01/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91 58-7
2-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/01/98	SAC	208 96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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Pace Analytical

DATE: 07/23/98

GE: 43

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697258 Date Collected: 06/18/98
Matrix: Soil
Client Sample ID: TTBBB-1-3.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	101 55 3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86-5
Phenanthrene	ND	ug/kg	330	07/01/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/01/98	SAC	120-12-7
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74-2
Fluoranthene	ND	ug/kg	330	07/01/98	SAC	206 44 0
Pyrene	150	ug/kg	330	07/01/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/kg	330	07/01/98	SAC	56-55-3
Chrysene	ND	ug/kg	330	07/01/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/01/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117 84 0
Benzo(b)fluoranthene	ND	ug/kg	330	07/01/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/01/98	SAC	207-08-9
Benzo(a)pyrene	ND	ug/kg	330	07/01/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/01/98	SAC	191 24 2
Nitrobenzene-d5 (S)	73	%		07/01/98	SAC	4165-60-0

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2-Fluorobiphenyl (S)	79	%	07/01/98	SAC	321-60-8
Terphenyl-d14 (S)	141	%	07/01/98	SAC	1718-51-0
Phenol-d6 (S)	66	%	07/01/98	SAC	13127-88-
2-Fluorophenol (S)	60	%	07/01/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	86	%	07/01/98	SAC	118-79-6
Date Extracted			06/26/98		

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Pace Analytical

DATE: 07/23/98

GE: 44

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697266 Date Collected: 06/18/98

trix: Soil

ient Sample ID: TTBBB-1-5.0 Date Received: 06/22/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
/MS -- Semi-VOA						
Semivolatile Organics 5	Method: EPA 8270				Prep Method: EPA	
Phenol	ND	ug/kg	330	07/01/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95-57-8
1,3 Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100-51-6
1,2 Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/01/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106 44 5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98 95 3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105 67 9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/01/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/01/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/01/98	SAC	91-57-6

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Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5 Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95 95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/01/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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Pace Analytical

DATE: 07/23/98

GE: 45

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697266 Date Collected: 06/18/98
Matrix: Soil
lient Sample ID: TTBBB-1-5.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534 52 1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74 1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86-5
Phenanthrene	ND	ug/kg	330	07/01/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/01/98	SAC	120-12-7
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74-2
Fluoranthene	ND	ug/kg	330	07/01/98	SAC	206-44-0
Pyrene	150	ug/kg	330	07/01/98	SAC	129 00-0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94 1
Benzo(a)anthracene	ND	ug/kg	330	07/01/98	SAC	56-55-3
Chrysene	ND	ug/kg	330	07/01/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	130	ug/kg	330	07/01/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117 84-0
Benzo(b)fluoranthene	ND	ug/kg	330	07/01/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/01/98	SAC	207-08-9
Benzo(a)pyrene	ND	ug/kg	330	07/01/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70 3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/01/98	SAC	191-24-2

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Nitrobenzene-d5 (S)	73	%	07/01/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	72	%	07/01/98	SAC	321-60-8
Terphenyl-d14 (S)	130	%	07/01/98	SAC	1718-51-0
Phenol-d6 (S)	68	%	07/01/98	SAC	13127-88-
2-Fluorophenol (S)	62	%	07/01/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	95	%	07/01/98	SAC	118-79-6
Date Extracted			06/26/98		

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Pace Analytical

DATE: 07/23/98

GE: 46

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697274 Date Collected: 06/18/98

trix: Soil

ient Sample ID: TTBAA-1 Sink Date Received: 06/22/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
/MS - Semi-VOA						
emivolatile Organics)	Method: EPA 8270					Prep Method: EPA
Phenol	ND	ug/kg	330	07/01/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541 73 1
1,4-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100-51-6
1,2 Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/01/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638-32
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621 64 7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67 72-1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98-95 3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78 59 1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65-85 0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111-91 1
2,4 Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120-82 1
Naphthalene	ND	ug/kg	330	07/01/98	SAC	91-20-3
4 Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87 68-3
4 Chloro-3-methylphenol	ND	ug/kg	660	07/01/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/01/98	SAC	91-57-6

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Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6 Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/01/98	SAC	208-96-8
2,6 Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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Pace Analytical

DATE: 07/23/98

1 GE: 47

Pace Project Number:

8090

Client Project ID:

980619 09

Pace Sample No: 10697274 Date Collected: 06/18/98

trix: Soil

ient Sample ID: TTBAA-1-S Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121 14 2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2
4 Chlorophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6
4,6-Dinitro 2 methylphenol	ND	ug/kg	1600	07/01/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30 6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118 74 1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86-5
Phenanthrene	89	ug/kg	330	07/01/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/01/98	SAC	120-12-7
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74-2
Fluoranthene	70	ug/kg	330	07/01/98	SAC	206-44-0
Pyrene	220	ug/kg	330	07/01/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68 7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1
Benzo(a)anthracene	75	ug/kg	330	07/01/98	SAC	56-55-3
Chrysene	96	ug/kg	330	07/01/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/01/98	SAC	117 81 7
Di n octylphthalate	ND	ug/kg	330	07/01/98	SAC	117-84-0
Benzo(b)fluoranthene	120	ug/kg	330	07/01/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/01/98	SAC	207-08-9

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Benzo(a)pyrene	ND	ug/kg	330	07/01/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/01/98	SAC	191-24-2
Nitrobenzene-d5 (S)	82	%		07/01/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	80	%		07/01/98	SAC	321-60-8
Terphenyl-d14 (S)	126	%		07/01/98	SAC	1718-51-0
Phenol-d6 (S)	70	%		07/01/98	SAC	13127-88-
2-Fluorophenol (S)	66	%		07/01/98	SAC	367-12-4
2,4,6 Tribromophenol (S)	94	%		07/01/98	SAC	118-79-6
Date Extracted				06/26/98		

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DATE: 07/23/98

GE: 48

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697282 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTBAA-1-3.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
GC/MS -- Semi-VOA						
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA	
Phenol	ND	ug/kg	330	07/01/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/01/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/01/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/01/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/01/98	SAC	91-57-6

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Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/01/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32-9
2,4 Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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Pace Analytical

DATE: 07/23/98

CE: 49

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697282 Date Collected: 06/18/98

trix: Soil

ient Sample ID: TTBAA-1-3.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86-5
Phenanthrene	80	ug/kg	330	07/01/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/01/98	SAC	120-12-7
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74-2
Fluoranthene	110	ug/kg	330	07/01/98	SAC	206-44-0
Pyrene	330	ug/kg	330	07/01/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1
Benzo(a)anthracene	160	ug/kg	330	07/01/98	SAC	56-55-3
Chrysene	200	ug/kg	330	07/01/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/01/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117-84-0
Benzo(b)fluoranthene	250	ug/kg	330	07/01/98	SAC	205-99-2
Benzo(k)fluoranthene	160	ug/kg	330	07/01/98	SAC	207-08-9

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Benzo(a)pyrene	220	ug/kg	330	07/01/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/01/98	SAC	191 24-2
Nitrobenzene-d5 (S)	77	%		07/01/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	77	%		07/01/98	SAC	321-60-8
Terphenyl-d14 (S)	125	%		07/01/98	SAC	1718-51-0
Phenol d6 (S)	69	%		07/01/98	SAC	13127-88-
2-Fluorophenol (S)	64	%		07/01/98	SAC	367 12-4
2,4,6-Tribromophenol (S)	88	%		07/01/98	SAC	118-79 6
Date Extracted				06/26/98		

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Pace Analytical

DATE: 07/23/98

GE: 50

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697290 Date Collected: 06/18/98
trix: Soil
ient Sample ID: TTBAA-1-5.0 Date Received: 06/22/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
C/MS -- Semi-VOA						
Semivolatile Organics b	Method: EPA 8270				Prep Method: EPA	
Phenol	ND	ug/kg	330	07/01/98	SAC	108 95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541-73-1
1,4 Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106 46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100-51-6
1,2 Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/01/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621 64 7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78 59 1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120-83-2
1,2,4 Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/01/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106 47-8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/01/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/01/98	SAC	91 57 6

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Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/01/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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Pace Analytical

DATE: 07/23/98

I CE: 51

Pace Project Number:

: 8090

Client Project ID:

980619-09

Pace Sample No: 10697290 Date Collected: 06/18/98

trix: Soil

ient Sample ID: TTBAA-1-5.0 Date Received: 06/22/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86-5
Phenanthrene	71	ug/kg	330	07/01/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/01/98	SAC	120-12-7
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74-2
Fluoranthene	100	ug/kg	330	07/01/98	SAC	206-44-0
Pyrene	360	ug/kg	330	07/01/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1
Benzo(a)anthracene	130	ug/kg	330	07/01/98	SAC	56-55-3
Chrysene	150	ug/kg	330	07/01/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/01/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117-84-0
Benzo(b)fluoranthene	170	ug/kg	330	07/01/98	SAC	205-99-2
Benzo(k)fluoranthene	78	ug/kg	330	07/01/98	SAC	207-08-9

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Benzo(a)pyrene	ND	ug/kg	330	07/01/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/01/98	SAC	191-24-2
Nitrobenzene-d5 (S)	83	%		07/01/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	84	%		07/01/98	SAC	321-60-8
Terphenyl-d14 (S)	159	%		07/01/98	SAC	1718-51-0
Phenol-d6 (S)	68	%		07/01/98	SAC	13127-88-
2 Fluorophenol (S)	66	%		07/01/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	87	%		07/01/98	SAC	118-79-6
Date Extracted				06/26/98		

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Pace Analytical

DATE: 07/23/98

CE: 52

Pace Project Number:

8090

Client Project ID:

980619 09

Pace Sample No: 10697308 Date Collected: 06/18/98

trix: Soil

ient Sample ID: TTBZ-3-S Date Received: 06/22/98

Parameters otnotes)	Results	Units	PRL	Analyzed	Analyst	CAS#
/MS - Semi-VOA						
emivolatile Organics)	Method: EPA 8270				Prep Method: EPA	
Phenol	170	ug/kg	330	07/01/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44 4
2-Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95-57-8
1,3 Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/01/98	SAC	95 48 7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120 82 1
Naphthalene	ND	ug/kg	330	07/01/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106 47-8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87 68 3
4-Chloro 3 methylphenol	ND	ug/kg	660	07/01/98	SAC	59-50-7

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2-Methylnaphthalene	ND	ug/kg	330	07/01/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/01/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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DATE: 07/23/98

ICE: 53

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697308 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTBZ-2-S Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7
4 Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86-5
Phenanthrene	ND	ug/kg	330	07/01/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/01/98	SAC	120-12-7
Di n butylphthalate	ND	ug/kg	330	07/01/98	SAC	84 74 2
Fluoranthene	ND	ug/kg	330	07/01/98	SAC	206-44-0
Pyrene	ND	ug/kg	330	07/01/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/kg	330	07/01/98	SAC	56-55-3
Chrysene	ND	ug/kg	330	07/01/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	750	ug/kg	330	07/01/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117-84-0
Benzo(b)fluoranthene	ND	ug/kg	330	07/01/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/01/98	SAC	207 08 9
Benzo(a)pyrene	ND	ug/kg	330	07/01/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70 3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/01/98	SAC	191-24-2
Nitrobenzene-d5 (S)	81	%		07/01/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	86	%		07/01/98	SAC	321 60 8

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Terphenyl d14 (S)	196	%	07/01/98	SAC	1718-51-0
Phenol-d6 (S)	70	%	07/01/98	SAC	13127-88-
2 Fluorophenol (S)	70	%	07/01/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	84	%	07/01/98	SAC	118-79 6
Date Extracted			06/26/98		

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DATE: 07/23/98

CE: 54

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697116 Date Collected: 06/18/98

trix: Soil

ient Sample ID: TTBZ 2-3.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
C/MS -- Semi-VOA						
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA	
0						
Phenol	ND	ug/kg	330	07/01/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44-4
2 Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95 57 8
1,3-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100-51 6
1,2-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/01/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638-32
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67 72 1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120-83 2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/01/98	SAC	91-20-3
4 Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106 47 8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87-68-3
4 Chloro-3-methylphenol	ND	ug/kg	660	07/01/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/01/98	SAC	91-57-6

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Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/01/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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DATE: 07/23/98

CE: 55

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697316 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTBZ 2 3.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4 Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01 6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30 6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86 5
Phenanthrene	ND	ug/kg	330	07/01/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/01/98	SAC	120-12-7
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74-2
Fluoranthene	ND	ug/kg	330	07/01/98	SAC	206-44-0
Pyrene	ND	ug/kg	330	07/01/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/kg	330	07/01/98	SAC	56-55-3
Chrysene	ND	ug/kg	330	07/01/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/01/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117-84-0
Benzo(b)fluoranthene	ND	ug/kg	330	07/01/98	SAC	205-99 2
Benzo(k)fluoranthene	ND	ug/kg	330	07/01/98	SAC	207-08-9
Benzo(a)pyrene	ND	ug/kg	330	07/01/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/01/98	SAC	191-24-2
Nitrobenzene-d5 (S)	76	%		07/01/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	83	%		07/01/98	SAC	321-60-8

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Terphenyl-d14 (S)	188	%	07/01/98		18-51-0
Phenol-d6 (S)	67	%	07/01/98	SAC	13127 88-
2-Fluorophenol (S)	62	%	07/01/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	83	%	07/01/98	SAC	118 79-6
Date Extracted			06/26/98		

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DATE: 07/23/98

I GE: 56

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697324 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTBZ 2-5.0 Date Received: 06/22/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
/MS -- Semi-VOA						
Semivolatile Organics)	Method: EPA 8270				Prep Method: EPA	
Phenol	ND	ug/kg	330	07/01/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/01/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638-32
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/01/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/01/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/01/98	SAC	91-57-6

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Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/01/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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DATE: 07/23/98

GE: 57

Pace Project Number:

8090

Client Project ID:

980619 09

Pace Sample No: 10697324 Date Collected: 06/18/98

trix: Soil

ient Sample ID: TTBZ-2-5.0 Date Received: 06/22/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86-5
Phenanthrene	160	ug/kg	330	07/01/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/01/98	SAC	120-12-7
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74-2
Fluoranthene	360	ug/kg	330	07/01/98	SAC	206-44-0
Pyrene	1400	ug/kg	330	07/01/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1
Benzo(a)anthracene	420	ug/kg	330	07/01/98	SAC	56-55-3
Chrysene	520	ug/kg	330	07/01/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/01/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117-84-0
Benzo(b)fluoranthene	610	ug/kg	330	07/01/98	SAC	205-99-2
Benzo(k)fluoranthene	370	ug/kg	330	07/01/98	SAC	207-08-9
Benzo(a)pyrene	440	ug/kg	330	07/01/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/01/98	SAC	191-24-2
Nitrobenzene-d5 (S)	75	%		07/01/98	SAC	4165-60-0

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2-Fluorobiphenyl (S)	74	%	07/01/98	SAC	321-60-8
Terphenyl-d14 (S)	157	%	07/01/98	SAC	1718-51-0
Phenol-d6 (S)	64	%	07/01/98	SAC	13127-88-
2-Fluorophenol (S)	60	%	07/01/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	77	%	07/01/98	SAC	118-79-6
Date Extracted			06/26/98		

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DATE: 07/23/98

AGE: 58

Pace Project Number:
08090

Client Project ID:
980619-09

Pace Sample No: 10697332 Date Collected: 06/18/98
Matrix: Soil
Client Sample ID: TTBY-2-Sur Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC - Semi VOA							
PCB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/26/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/26/98	SJW	11104-28-	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/26/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/26/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/26/98	SJW	12672 29	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/26/98	SJW	11097-69-1	
PCB 1260 (Arochlor 1260)	ND	mg/kg	0.03	06/26/98	SJW	11096-82-	
Tetrachloro-meta-xylene (S)	57	%		06/26/98	SJW	877-09-8	
Decachlorobiphenyl (S)	63	%		06/26/98	SJW	2051-24-3	
Date Extracted				06/24/98			

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DATE: 07/23/98

GE: 59

Pace Project Number:

)8090

Client Project ID:

980619-09

Pace Sample No: 10697340 Date Collected: 06/18/98

Matrix: Soil

lient Sample ID: TTBY 2 3.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
-- Semi-VOA						
PCB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA	
0						
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/26/98	SJW	12674-11
2						
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/26/98	SJW	11104-28
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/26/98	SJW	11141-16-
n						
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/26/98	SJW	53469-21-
9						
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/26/98	SJW	12672-29-
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/26/98	SJW	11097-69-
1						
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/26/98	SJW	11096-82-
Tetrachloro-meta-xylene (S)	89	%		06/26/98	SJW	877-09-8
Decachlorobiphenyl (S)	98	%		06/26/98	SJW	2051-24-3
Date Extracted				06/24/98		

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Pace Analytical

DATE: 07/23/98

GE: 60

Pace Project Number:

8090

Client Project ID:

980619-09

Pace Sample No: 10697357 Date Collected: 06/18/98

atrix: Soil

ient Sample ID: TTBY 2 5.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
-- Semi-VOA						
PCB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/26/98	SJW	12674-11-
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/26/98	SJW	11104-28-
PCB 1232 (Arochlor 1232)	ND	mg/kg	0.03	06/26/98	SJW	11141-16-
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/26/98	SJW	53469-21
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/26/98	SJW	12672-29-
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/26/98	SJW	11097-69-
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/26/98	SJW	11096-82-
Tetrachloro-meta-xylene (S)	93	%		06/26/98	SJW	877-09-8
Decachlorobiphenyl (S)	91	%		06/26/98	SJW	2051-24-3
Date Extracted				06/24/98		

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Pace Analytical

DATE: 07/23/98

) GE: 61

Pace Project Number:

8090

Client Project ID:

980619 09

PARAMETER FOOTNOTES

) Not Detected
NC Not Calculable
PRL Pace Reporting Limit
) Surrogate
[2] Common laboratory contaminant.
[2] Detected but below the PRL; therefore, result is an estimated concentration (CLP J-flag).
]] Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
[4] The continuing calibration for this compound was outside the method control limits. The result for this compound
should be considered an estimate.
[5] The surrogate recovery was outside QC acceptance limits due to matrix interference.

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Pace Analytical

QUALITY CONTROL DATA

DATE: 07/23/98

l GE: 62

l.ce Analytical Long Beach SC
108090
: 60 Gilman Street
' 0619-09
Long Beach, CA 90815

Pace Project Number:

Client Project ID:

Attn: Mr. Richard Villalania
: one: (562)498-9515

QC Batch ID: 13758
/alysis Method: EPA 8270
/ ociated Pace Samples: 10697134

QC Batch Method: EPA 3550
Analysis Description: Semivolatile Organics
10697142 10697167 10697175

.THOD BLANK: 10699338
Associated Pace Samples: 10697134 10697142 10697167 10697175

Parameter	Units	Method Blank Result	PRL	Footnotes
.henol	ug/kg	ND	330	
bis(2-Chloroethyl)ether	ug/kg	ND	330	
Chlorophenol	ug/kg	ND	330	
.3-Dichlorobenzene	ug/kg	ND	330	
1,4 Dichlorobenzene	ug/kg	ND	330	
Benzyl Alcohol	ug/kg	ND	660	
2-Dichlorobenzene	ug/kg	ND	330	
2-Methylphenol	ug/kg	ND	330	
bis(2-Chloroisopropyl)ether	ug/kg	ND	330	
Methylphenol	ug/kg	ND	330	
Nitroso-di-n-propylamine	ug/kg	ND	330	
Hexachloroethane	ug/kg	ND	330	
Itrobenzene	ug/kg	ND	330	
sophorone	ug/kg	ND	330	
2-Nitrophenol	ug/kg	ND	330	
2,4 Dimethylphenol	ug/kg	ND	330	
nzoic Acid	ug/kg	ND	1600	
(2 Chloroethoxy)methane	ug/kg	ND	330	
Dichlorophenol	ug/kg	ND	330	

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1	2,4-Trichlorobenzene	ug/kg	ND	330
N	Naphthalene	ug/kg	ND	330
4	Chloroaniline	ug/kg	ND	660
Hexachlorobutadiene		ug/kg	ND	330
4	Chloro-3-methylphenol	ug/kg	ND	660
2	Methylnaphthalene	ug/kg	ND	330

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Pace Project Number:

8090

Client Project ID:

980619-09

METHOD BLANK: 10699338

Associated Pace Samples:

10697134 10697142 10697167 10697175

Parameter	Units	Method Blank Result	PRL	Footnotes
Hexachlorocyclopentadiene	ug/kg	ND	330	
4,6 Trichlorophenol	ug/kg	ND	330	
4,5-Trichlorophenol	ug/kg	ND	330	
2-Chloronaphthalene	ug/kg	ND	330	
Nitroaniline	ug/kg	ND	1600	
thylphthalate	ug/kg	ND	330	
cenaphthylene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
Nitroaniline	ug/kg	ND	1600	
cenaphthene	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1600	
Nitrophenol	ug/kg	ND	1600	
benzofuran	ug/kg	ND	330	
2,4-Dinitrotoluene	ug/kg	ND	330	
Diethylphthalate	ug/kg	ND	330	
Chlorophenyl-phenylether	ug/kg	ND	330	
uorene	ug/kg	ND	330	
4 Nitroaniline	ug/kg	ND	1600	
6-Dinitro-2-methylphenol	ug/kg	ND	1600	
Nitrosodiphenylamine	ug/kg	ND	330	
4 Bromophenyl phenylether	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
ntachlorophenol	ug/kg	ND	1600	
henanthrene	ug/kg	ND	330	
Anthracene	ug/kg	ND	330	
i-n-butylphthalate	ug/kg	ND	330	
luoranthene	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	
utylbenzylphthalate	ug/kg	ND	330	
3'-Dichlorobenzidine	ug/kg	ND	660	
o(a)anthracene	ug/kg	ND	330	
ysene	ug/kg	ND	330	

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b s(2-Ethylhexyl)phthalate	ug/kg	100	330	1
D -n-octylphthalate	ug/kg	ND	330	
Be s(b)fluoranthene	ug/kg	ND	330	
Benzo(k)fluoranthene	ug/kg	ND	330	
B nzo(a)pyrene	ug/kg	ND	330	
I deno(1,2,3-cd)pyrene	ug/kg	ND	330	

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Pace Project Number:

8090

Client Project ID:

980619-09

METHOD BLANK: 10699338
ociated Pace Samples:

10697134 10697142 10697167 10697175

rameter	Units	Method Blank Result	PRL	Footnotes
Dibenz(a,h)anthracene	ug/kg	ND	330	
nzo(g,h,i)perylene	ug/kg	ND	330	
trobenzene-d5 (S)	%	68		
2-Fluorobiphenyl (S)	%	70		
-phenyl-d14 (S)	%	74		
hol-d6 (S)	%	78		
-Fluorophenol (S)	%	67		
2,4,6 Tribromophenol (S)	%	66		

ABORATORY CONTROL SAMPLE & LCSD: 10699346 10699353

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD
Phenol	ug/kg	1667	1533	92.0	1450	87.0	6
Chlorophenol	ug/kg	1667	1480	88.8	1400	84.0	6
4-Dichlorobenzene	ug/kg	1667	1390	83.4	1340	80.4	4
N-Nitroso-di-n-propylamine	ug/kg	1667	1480	88.8	1400	84.0	6
1,2,4-Trichlorobenzene	ug/kg	1667	1293	77.6	1253	75.2	3
Chloro-3-methylphenol	ug/kg	1667	1553	93.2	1487	89.2	4
Acenaphthene	ug/kg	1667	1403	84.2	1397	83.8	0
4-Nitrophenol	ug/kg	1667	1253	75.2	1230	73.8	2
1							
4-Dinitrotoluene	ug/kg	1667	1560	93.6	1517	91.0	3
Pentachlorophenol	ug/kg	1667	1340	80.4	1330	79.8	1
,1							
yrene	ug/kg	1667	1480	88.8	1483	89.0	0
obenzene-d5 (S)				79		75	
.luorobiphenyl (S)				75		75	

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rphenyl-d14 (S) 85

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Pace Analytical Long Beach GC
108090
60 Gilman Street
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Long Beach, CA 90815

Pace Project Number:

Client Project ID:

Attn: Mr. Richard Villafania
Phone: (562)498-9515

QC Batch ID: 13760
Analysis Method: EPA 8080
Associated Pace Samples: 10697084 10697092 10697100 10697118 10697126 10697159 10697191 10697209 10697217 10697225 10697233 10697332 10697340 10697357

QC Batch Method: EPA 3550
Analysis Description: PCB's in Soil, Low Level

METHOD BLANK: 10699395
Associated Pace Samples:
10697084 10697092 10697100 10697118 10697126 10697159 10697191 10697209 10697217 10697225 10697233 10697332 10697340 10697357

Parameter	Units	Method Blank Result	PRL	Footnotes
PCB-1016 (Arochlor 1016)	mg/kg	ND	0.03	
PCB-1221 (Arochlor 1221)	mg/kg	ND	0.03	
PCB-1232 (Arochlor 1232)	mg/kg	ND	0.03	
PCB-1242 (Arochlor 1242)	mg/kg	ND	0.03	
PCB 1248 (Arochlor 1248)	mg/kg	ND	0.03	
PCB-1254 (Arochlor 1254)	mg/kg	ND	0.03	
PCB-1260 (Arochlor 1260)	mg/kg	ND	0.03	
Tetrachloro-meta-xylene (S)	%	72		
Decachlorobiphenyl (S)	%	78		

LABORATORY CONTROL SAMPLE & LCSD: 10699403 10699411

	Spike	LCS	Spike	LCSD	Spike Dup

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Parameter	Units	Conc.	Result	% Rec	Result	% Rec	RPD
Footnotes							
PCB-1016 (Arochlor 1016)	mg/kg	0.33	0.3011	90.3	0.3500	105	15
PCB-1260 (Arochlor 1260)	mg/kg	0.33	0.2887	86.6	0.3308	99.2	14
Tetrachloro-meta-xylene (S)				92		109	
Decachlorobiphenyl (S)				91		103	

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Pace Project Number:

Client Project ID:

Attn: Mr. Richard Villafania
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QC Batch ID: 13845
Analysis Method: EPA 8270
Associated Pace Samples: 10697183 10697241 10697258 10697266 10697274 10697282 10697290 10697308 10697316 10697324

QC Batch Method: EPA 3550
Analysis Description: Semivolatile Organics

METHOD BLANK: 10704393
Associated Pace Samples:
10697183 10697241 10697258 10697266 10697274 10697282 10697290 10697308 10697316 10697324

Parameter	Units	Method Blank Result	PRL	Footnotes
Phenol	ug/kg	ND	330	
bis(2-Chloroethyl)ether	ug/kg	ND	330	
2-Chlorophenol	ug/kg	ND	330	
1,3-Dichlorobenzene	ug/kg	ND	330	
1,4-Dichlorobenzene	ug/kg	ND	330	
Benzyl Alcohol	ug/kg	ND	660	
1,2-Dichlorobenzene	ug/kg	ND	330	
2-Methylphenol	ug/kg	ND	330	
bis(2-Chloroisopropyl)ether	ug/kg	ND	330	
4-Methylphenol	ug/kg	ND	330	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	
Hexachloroethane	ug/kg	ND	330	
Nitrobenzene	ug/kg	ND	330	
Isophorone	ug/kg	ND	330	
2-Nitrophenol	ug/kg	ND	330	
2,4-Dimethylphenol	ug/kg	ND	330	

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nzoic Acid	ug/kg	ND	1600
'2-Chloroethoxy)methane	ug/kg	ND	330
Dichlorophenol	ug/kg	ND	330
2,4-Trichlorobenzene	ug/kg	ND	330
phthalene	ug/kg	ND	330
-Chloroaniline	ug/kg	ND	660
Hexachlorobutadiene	ug/kg	ND	330

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Pace Project Number:

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Client Project ID:

980619-09

METHOD BLANK: 10704393

Associated Pace Samples:

10697183 10697241 10697258 10697266 10697274 10697282 10697290 10697308 10697316 10697324

Parameter	Units	Method Blank Result	PRL	Footnotes
Chloro-3-methylphenol	ug/kg	ND	660	
2-Methylnaphthalene	ug/kg	ND	330	
Hexachlorocyclopentadiene	ug/kg	ND	330	
6-Trichlorophenol	ug/kg	ND	330	
4,5 Trichlorophenol	ug/kg	ND	330	
2-Chloronaphthalene	ug/kg	ND	330	
Nitroaniline	ug/kg	ND	1600	
methylphthalate	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
6-Dinitrotoluene	ug/kg	ND	330	
Nitroaniline	ug/kg	ND	1600	
Acenaphthene	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1600	
Nitrophenol	ug/kg	ND	1600	
Dibenzofuran	ug/kg	ND	330	
2,4-Dinitrotoluene	ug/kg	ND	330	
Diethylphthalate	ug/kg	ND	330	
Chlorophenyl-phenylether	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
4-Nitroaniline	ug/kg	ND	1600	
6-Dinitro 2-methylphenol	ug/kg	ND	1600	
Nitrosodiphenylamine	ug/kg	ND	330	
4-Bromophenyl-phenylether	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1600	
Phenanthrene	ug/kg	ND	330	
Anthracene	ug/kg	ND	330	
Di-n-butylphthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	

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I tylbenzylphthalate	ug/kg	ND	330
[illegible]'-Dichlorobenzidine	ug/kg	ND	660
Be[illegible]o(a)anthracene	ug/kg	ND	330
Chrysene	ug/kg	ND	330
l is(2-Ethylhexyl)phthalate	ug/kg	ND	330
[illegible]-n-octylphthalate	ug/kg	ND	330
Benzo(b)fluoranthene	ug/kg	ND	330

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Pace Project Number:

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Client Project ID:

980619-09

METHOD BLANK: 10704393

Associated Pace Samples:

10697183 10697241 10697258 10697266 10697274 10697282 10697290 10697308 10697316 10697324

Parameter	Units	Method Blank Result	PRL	Footnotes
nzo(k)fluoranthene	ug/kg	ND	330	
Benzo(a)pyrene	ug/kg	ND	330	
deno(1,2,3-cd)pyrene	ug/kg	ND	330	
nz(a,h)anthracene	ug/kg	ND	330	
enzo(g,h,i)perylene	ug/kg	ND	330	
Nitrobenzene-d5 (S)	%	74		
Fluorobiphenyl (S)	%	76		
rphenyl-d14 (S)	%	102		
Phenol-d6 (S)	%	66		
Fluorophenol (S)	%	62		
4,6-Tribromophenol (S)	%	82		

ABORATORY CONTROL SAMPLE & LCSD: 10704401 10704419

arameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	otnotes
henol	ug/kg	1667	1147	68.8	1153	69.2	1	
-Chlorophenol	ug/kg	1667	1313	78.8	1273	76.4	3	
1,4-Dichlorobenzene	ug/kg	1667	1353	81.2	1297	77.8	4	
Nitroso-di-n-propylamine	ug/kg	1667	1273	76.4	1240	74.4	3	
2,4-Trichlorobenzene	ug/kg	1667	1167	70.0	1163	69.8	0	
4-Chloro-3-methylphenol	ug/kg	1667	1133	68.0	1123	67.4	1	
enaphthene	ug/kg	1667	1397	83.8	1413	84.8	1	
-Nitrophenol	ug/kg	1667	553.3	33.2	596.7	35.8	8	
,-Dinitrotoluene	ug/kg	1667	1343	80.6	1360	81.6	1	

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Pentachlorophenol	ug/kg	1667	590.0	35.4	616.7		
Pyrene	ug/kg	1667	1460	87.6	1457	87.4	0
Nitrobenzene-d5 (S)				74		76	
2-Fluorobiphenyl (S)				80		80	
Terphenyl-d14 (S)				83		84	

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108090
60 Gilman Street
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Pace Project Number:

Client Project ID:

Attn: Mr. Richard Villafania
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QC Batch ID: 14097
alysis Method: EPA 8260
ociated Pace Samples: 10697084 10697092 10697100 10697118 10697126 10697159 10697191 10697209 10697217

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260

METHOD BLANK: 10718906
ociated Pace Samples: 10697084 10697092 10697100 10697118 10697126 10697159 10697191 10697209 10697217

Parameter	Units	Method Blank Result	PRL	Footnotes
chlorodifluoromethane	ug/kg	ND	5	
Chloromethane	ug/kg	ND	5	
nyl Chloride	ug/kg	ND	5	
omomethane	ug/kg	ND	5	
Chloroethane	ug/kg	ND	5	
Trichlorofluoromethane	ug/kg	ND	5	
thylene Chloride	ug/kg	ND	5	
1,1-Dichloroethene	ug/kg	ND	5	
trans-1,2-Dichloroethene	ug/kg	ND	5	
1 Dichloroethane	ug/kg	ND	5	
2-Dichloropropane	ug/kg	ND	5	
cis-1,2-Dichloroethene	ug/kg	ND	5	
Chloroform	ug/kg	ND	5	
omochloromethane	ug/kg	ND	5	
1-Trichloroethane	ug/kg	ND	5	
bon Tetrachloride	ug/kg	ND	5	

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1,1-Dichloropropene	ug/kg	ND	5
Benzene	ug/kg	ND	5
1,2-Dichloroethane	ug/kg	ND	5
Trichloroethene	ug/kg	ND	5
1,2-Dichloropropane	ug/kg	ND	5
Bromodichloromethane	ug/kg	ND	5
Dibromomethane	ug/kg	ND	5

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Pace Project Number:

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Client Project ID:

980619-09

METHOD BLANK: 10718906

ssociated Pace Samples:

10697084 10697092 10697100 10697118 10697126 10697159 10697191 10697209 10697217

Parameter	Units	Method Blank Result	PRL	Footnotes
oluene	ug/kg	ND	5	
1,1,2-Trichloroethane	ug/kg	ND	5	
Tetrachloroethene	ug/kg	ND	5	
-Dichloropropane	ug/kg	ND	5	
ibromochloromethane	ug/kg	ND	5	
1,2-Dibromoethane	ug/kg	ND	5	
hlorobenzene	ug/kg	ND	5	
,1,1,2-Tetrachloroethane	ug/kg	ND	5	
Ethylbenzene	ug/kg	ND	5	
&P-Xylene	ug/kg	ND	5	
-Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
Bromoform	ug/kg	ND	5	
sopropylbenzene (Cumene)	ug/kg	ND	5	
,1,2,2-Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
,2,3 Trichloropropane	ug/kg	ND	5	
-Propylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
,3,5 Trimethylbenzene	ug/kg	ND	5	
-Chlorotoluene	ug/kg	ND	5	
,2,4-Trimethylbenzene	ug/kg	ND	5	
sec Butylbenzene	ug/kg	ND	5	
ert. Butylbenzene	ug/kg	ND	5	
Isopropyltoluene	ug/kg	ND	5	
1,3-Dichlorobenzene	ug/kg	ND	5	
,4-Dichlorobenzene	ug/kg	ND	5	
-Butylbenzene	ug/kg	ND	5	
Dichlorobenzene	ug/kg	ND	5	
,-Dibromo-3-Chloropropane	ug/kg	ND	5	

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1,2,4-Trichlorobenzene	ug/kg	ND	5
Hexachlorobutadiene	ug/kg	ND	5
Naphthalene	ug/kg	ND	5
1,2,3-Trichlorobenzene	ug/kg	ND	5
trans-1,3-Dichloropropene	ug/kg	ND	5
cis-1,3-Dichloropropene	ug/kg	ND	5
2-Chloroethyl Vinyl Ether	ug/kg	ND	5

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QUALITY CONTROL DATA

DATE: 07/23/98

GE: 71

Pace Project Number:

8090

Client Project ID:

980619-09

METHOD BLANK: 10718906
ociated Pace Samples:
10697084 10697092 10697100 10697118 10697126
10697159 10697191
10697209 10697217

Parameter	Units	Method Blank Result	PRI.	Footnotes
etone	ug/kg	5.0	20	1,2
2-Butanone	ug/kg	ND	10	
4 Methyl-2-Pentanone	ug/kg	ND	10	
bon Disulfide	ug/kg	ND	10	
-Hexanone	ug/kg	ND	100	
Vinyl Acetate	ug/kg	ND	100	
thyl-tert-butyl Ether	ug/kg	ND	5	
thanol	ug/kg	ND	500	
Isopropyl Ether	ug/kg	ND	5	
thyl-tert-butyl ether	ug/kg	ND	5	
ert-Amylmethyl ether	ug/kg	ND	5	
4 Methyl-2-propanol	ug/kg	ND	100	
Dibromofluoromethane (S)	%	96		
oluene-d8 (S)	%	98		
Bromofluorobenzene (S)	%	98		
1,2-Dichloroethane-d4 (S)	%	104		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10718948 10718955

Parameter	Units	10697076	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Dup % Rec	RPD	Footnotes
ichlorodifluoromethane	ug/kg	0	50	84.00	168	84.00		0	

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Chloromethane	ug/kg	0	50	48.00	96.0	49.00
96.0 0						
Vinyl Chloride	ug/kg	0	50	54.00	108	55.00
110 2						
Bromomethane	ug/kg	0	50	48.00	96.0	53.00
106 10						
Chloroethane	ug/kg	0	50	51.00	102	55.00
110 8						
Trichlorofluoromethane	ug/kg	0	50	59.00	118	59.00
118 0						
Methylene Chloride	ug/kg	18.00	50	60.00	84.0	54.00
72.0 15						
1,1-Dichloroethene	ug/kg	0	50	55.00	110	56.00
112 2						
trans 1,2 Dichloroethene	ug/kg	0	50	54.00	108	54.00
108 0						
1,1-Dichloroethane	ug/kg	0	50	53.00	106	54.00
108 2						
2,2-Dichloropropane	ug/kg	0	50	50.00	100	50.00
100 0						
cis-1,2-Dichloroethene	ug/kg	0	50	49.00	98.0	49.00
98.0 0						
Chloroform	ug/kg	0	50	49.00	98.0	49.00
98.0 0						
Bromochloromethane	ug/kg	0	50	50.00	100	50.00
100 0						
1,1,1-Trichloroethane	ug/kg	0	50	50.00	100	51.00
102 2						

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QUALITY CONTROL DATA

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Pace Project Number:

8090

Client Project ID:

980619-09

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10718948 10718955

Parameter	Units	10697076	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	% RPD	Footnotes
arbon Tetrachloride	ug/kg	0	50	49.00	98.0	51.00		
2 4								
1,1-Dichloropropene	ug/kg	0	50	54.00	108	55.00		
110 2								
zene	ug/kg	0	50	52.00	104	52.00		
04 0								
1,2-Dichloroethane	ug/kg	0	50	48.00	96.0	48.00		
8.0 0								
ichloroethene	ug/kg	0	50	52.00	104	52.00		
104 0								
2-Dichloropropane	ug/kg	0	50	50.00	100	51.00		
2 2								
bromodichloromethane	ug/kg	0	50	49.00	98.0	49.00		
98.0 0								
bromomethane	ug/kg	0	50	48.00	96.0	49.00		
8.0 2								
Toluene	ug/kg	0	50	50.00	100	50.00		
00 0								
1,2-Trichloroethane	ug/kg	0	50	50.00	100	50.00		
100 0								
Tetrachloroethene	ug/kg	0	50	49.00	98.0	51.00		
2 4								
3-Dichloropropane	ug/kg	0	50	48.00	96.0	49.00		
98.0 2								
ibromochloromethane	ug/kg	0	50	47.00	94.0	48.00		
6.0 2								
1,2-Dibromoethane	ug/kg	0	50	48.00	96.0	48.00		
96.0 0								
hlorobenzene	ug/kg	0	50	47.00	94.0	47.00		
0 0								

1 1,1,2-Tetrachloroethane	ug/kg	0	50	49.00	98	
0 0						
E\ lbenzene	ug/kg	0	50	49.00	98.0	49.00
98.0 0						
M P-Xylene	ug/kg	0	100	100.0	100	99.00
99.0 1						
O-Xylene (1,2-Dimethylbenzene)	ug/kg	0	50	49.00	98.0	48.00
98.0 2						
Styrene	ug/kg	0	50	48.00	96.0	47.00
94.0 2						
Bromoform	ug/kg	0	50	47.00	94.0	47.00
94.0 0						
Isopropylbenzene (Cumene)	ug/kg	0	50	48.00	96.0	48.00
96.0 0						
1,2,2 Tetrachloroethane	ug/kg	0	50	44.00	88.0	44.00
88.0 0						
Bromobenzene	ug/kg	0	50	46.00	92.0	45.00
90.0 2						
1,2,3 Trichloropropane	ug/kg	0	50	46.00	92.0	47.00
94.0 2						
n-Propylbenzene	ug/kg	0	50	47.00	94.0	47.00
94.0 0						
2-Chlorotoluene	ug/kg	0	50	46.00	92.0	46.00
92.0 0						
1,3,5-Trimethylbenzene	ug/kg	0	50	46.00	92.0	46.00
92.0 0						
4-Chlorotoluene	ug/kg	0	50	45.00	90.0	45.00
90.0 0						
1,2,4-Trimethylbenzene	ug/kg	0	50	46.00	92.0	45.00
90.0 2						
Sec-Butylbenzene	ug/kg	0	50	44.00	88.0	44.00
88.0 0						
Tert Butylbenzene	ug/kg	0	50	45.00	90.0	45.00
90.0 0						
p-Isopropyltoluene	ug/kg	0	50	45.00	90.0	45.00
90.0 0						
1,3-Dichlorobenzene	ug/kg	0	50	43.00	86.0	43.00
86.0 0						
1,4 Dichlorobenzene	ug/kg	0	50	43.00	86.0	42.00
84.0 2						
n-Butylbenzene	ug/kg	0	50	44.00	88.0	43.00
86.0 2						
1,2-Dichlorobenzene	ug/kg	0	50	43.00	86.0	43.00
86.0 0						
1,2-Dibromo-3-Chloropropane	ug/kg	0	50	45.00	90.0	44.00
88.0 2						
1,2,4-Trichlorobenzene	ug/kg	0	50	39.00	78.0	36.00
72.0 8						
Hexachlorobutadiene	ug/kg	0	50	35.00	70.0	35.00
70.0 0						
Naphthalene	ug/kg	0	50	41.00	82.0	39.00
78.0 5						

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GE: 73

Pace Project Number:

8090

Client Project ID:

980619-09

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10718948 10718955

Parameter	Units	10697076	Matrix Spike Conc.	Matrix Spike Result	Matrix Spike % Rec	Matrix Sp. Dup. Result	% RPD	Footnotes
1,2,3-Trichlorobenzene	ug/kg	0	50	37.00	74.0	35.00	6.0	6
trans-1,3-Dichloropropene	ug/kg	0	50	50.00	100	49.00	2.0	2
is-1,3-Dichloropropene	ug/kg	0	50	50.00	100	50.00	0	0
Dibromofluoromethane (S)					96			
Toluene-d8 (S)					96			
4-Bromofluorobenzene (S)					98			
1,2-Dichloroethane-d4 (S)					94			

LABORATORY CONTROL SAMPLE: 10718914

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	50	55.00	110	
Chloromethane	ug/kg	50	46.00	92.0	
Vinyl Chloride	ug/kg	50	55.00	110	
Bromomethane	ug/kg	50	54.00	108	
Chloroethane	ug/kg	50	58.00	116	
Trichlorofluoromethane	ug/kg	50	60.00	120	
Methylene Chloride	ug/kg	50	59.00	118	
1,1 Dichloroethene	ug/kg	50	55.00	110	
trans-1,2-Dichloroethene	ug/kg	50	55.00	110	
1,1-Dichloroethane	ug/kg	50	55.00	110	

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,2-Dichloropropane	ug/kg	50	56.00	112
1,2-Dichloroethene	ug/kg	50	55.00	110
C oform	ug/kg	50	56.00	112
Bromochloromethane	ug/kg	50	57.00	114
1,1-Trichloroethane	ug/kg	50	56.00	112
Carbon Tetrachloride	ug/kg	50	56.00	112
1,1-Dichloropropene	ug/kg	50	57.00	114
nzene	ug/kg	50	57.00	114
2-Dichloroethane	ug/kg	50	56.00	112
Trichloroethene	ug/kg	50	56.00	112
2-Dichloropropane	ug/kg	50	56.00	112
omodichloromethane	ug/kg	50	57.00	114
Dibromomethane	ug/kg	50	57.00	114
Toluene	ug/kg	50	55.00	110
1,2-Trichloroethane	ug/kg	50	57.00	114
trachloroethene	ug/kg	50	58.00	116
1,3-Dichloropropane	ug/kg	50	58.00	116
ibromochloromethane	ug/kg	50	57.00	114

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108090
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0619-09
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Pace Project Number:

Client Project ID:

Attn: Mr. Richard Villafania
Phone: (562)498-9515

QC Batch ID: 14130
Analysis Method: EPA 8260
Associated Pace Samples: 10697332 10697340

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260

METHOD BLANK: 10719698
Associated Pace Samples:

10697332 10697340

Parameter	Units	Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/kg	ND	5	
Chloromethane	ug/kg	ND	5	
Vinyl Chloride	ug/kg	ND	5	
Bromomethane	ug/kg	ND	5	
Chloroethane	ug/kg	ND	5	
Trichlorofluoromethane	ug/kg	ND	5	
Methylene Chloride	ug/kg	ND	5	
1,1-Dichloroethene	ug/kg	ND	5	
trans-1,2-Dichloroethene	ug/kg	ND	5	
1,1-Dichloroethane	ug/kg	ND	5	
1,2-Dichloropropane	ug/kg	ND	5	
cis-1,2-Dichloroethene	ug/kg	ND	5	
Chloroform	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,1,1-Trichloroethane	ug/kg	ND	5	
Carbon Tetrachloride	ug/kg	ND	5	
1,1-Dichloropropene	ug/kg	ND	5	
Benzene	ug/kg	ND	5	
1,2-Dichloroethane	ug/kg	ND	5	

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ichloroethene	ug/kg	ND	5
Dichloropropane	ug/kg	ND	5
odichloromethane	ug/kg	ND	5
bromomethane	ug/kg	ND	5
luene	ug/kg	ND	5
1,1,2-Trichloroethane	ug/kg	ND	5

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QUALITY CONTROL DATA

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Pace Project Number:

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Client Project ID:

980619-09

METHOD BLANK: 10719698

ssociated Pace Samples:

10697332 10697340

arameter	Units	Method Blank Result	PRL	Footnotes
Tetrachloroethene	ug/kg	ND	5	
3-Dichloropropane	ug/kg	ND	5	
bromochloromethane	ug/kg	ND	5	
1,2-Dibromoethane	ug/kg	ND	5	
Chlorobenzene	ug/kg	ND	5	
,1,2-Tetrachloroethane	ug/kg	ND	5	
thylbenzene	ug/kg	ND	5	
M&P-Xylene	ug/kg	ND	5	
-Xylene (1,2 Dimethylbenzene)	ug/kg	ND	5	
tyrene	ug/kg	ND	5	
Bromoform	ug/kg	ND	5	
Isopropylbenzene (Cumene)	ug/kg	ND	5	
,1,2,2-Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
1,2,3-Trichloropropane	ug/kg	ND	5	
-Propylbenzene	ug/kg	ND	5	
-Chlorotoluene	ug/kg	ND	5	
1,3,5 Trimethylbenzene	ug/kg	ND	5	
-Chlorotoluene	ug/kg	ND	5	
,2,4-Trimethylbenzene	ug/kg	ND	5	
sec Butylbenzene	ug/kg	ND	5	
tert-Butylbenzene	ug/kg	ND	5	
Isopropyltoluene	ug/kg	ND	5	
,3-Dichlorobenzene	ug/kg	ND	5	
1,4-Dichlorobenzene	ug/kg	ND	5	
-Butylbenzene	ug/kg	ND	5	
,2-Dichlorobenzene	ug/kg	ND	5	
1,2-Dibromo-3-Chloropropane	ug/kg	ND	5	
1,2,4-Trichlorobenzene	ug/kg	ND	5	
exachlorobutadiene	ug/kg	ND	5	
phthalene	ug/kg	ND	5	
,2,3-Trichlorobenzene	ug/kg	ND	5	

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t	ans-1,3-Dichloropropene	ug/kg	ND	5	
c	1,3 Dichloropropene	ug/kg	ND	5	
2	Chloroethyl Vinyl Ether	ug/kg	ND	5	
A	etone	ug/kg	12	20	1,2
2	Butanone	ug/kg	ND	10	
4	Methyl-2-Pentanone	ug/kg	ND	10	

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GE: 77

Pace Project Number:

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Client Project ID:

980619-09

METHOD BLANK: 10719698

Associated Pace Samples:

10697332 10697340

Parameter	Units	Method Blank Result	PRL	Footnotes
Carbon Disulfide	ug/kg	ND	10	
2-Hexanone	ug/kg	ND	100	
Methyl Acetate	ug/kg	ND	100	
Methyl-tert-butyl Ether	ug/kg	ND	5	
Propanol	ug/kg	ND	500	
Ethyl propyl Ether	ug/kg	ND	5	
Diethyl tert-butyl ether	ug/kg	ND	5	
tert-Amylmethyl ether	ug/kg	ND	5	
2-Methyl-2-propanol	ug/kg	ND	100	
Dibromofluoromethane (S)	%	96		
Toluene-d8 (S)	%	98		
4-Bromofluorobenzene (S)	%	94		
1,2-Dichloroethane-d4 (S)	%	106		

LABORATORY CONTROL SAMPLE: 10719706

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	50	89.00	178	
Chloromethane	ug/kg	50	53.00	106	
Vinyl Chloride	ug/kg	50	64.00	128	
Bromomethane	ug/kg	50	60.00	120	
Chloroethane	ug/kg	50	64.00	128	
Trichlorofluoromethane	ug/kg	50	61.00	122	
Methylene Chloride	ug/kg	50	50.00	100	
1,1-Dichloroethene	ug/kg	50	58.00	116	
trans-1,2-Dichloroethene	ug/kg	50	58.00	116	
1,1-Dichloroethane	ug/kg	50	58.00	116	
2,2-Dichloropropane	ug/kg	50	56.00	112	
cis-1,2 Dichloroethene	ug/kg	50	54.00	108	

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Chloroform	ug/kg	50	53.00	106
Dichlorobromomethane	ug/kg	50	53.00	106
1,1,1-Trichloroethane	ug/kg	50	54.00	108
Carbon Tetrachloride	ug/kg	50	53.00	106
1,1-Dichloropropene	ug/kg	50	59.00	118
Benzene	ug/kg	50	56.00	112
1,2-Dichloroethane	ug/kg	50	54.00	108

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Pace Project Number:

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LABORATORY CONTROL SAMPLE: 10719706

rameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Trichloroethene	ug/kg	50	55.00	110	
2-Dichloropropane	ug/kg	50	55.00	110	
romodichloromethane	ug/kg	50	53.00	106	
Dibromomethane	ug/kg	50	52.00	104	
luene	ug/kg	50	54.00	108	
1,2-Trichloroethane	ug/kg	50	53.00	106	
Tetrachloroethene	ug/kg	50	56.00	112	
3-Dichloropropane	ug/kg	50	53.00	106	
romochloromethane	ug/kg	50	51.00	102	
,2-Dibromoethane	ug/kg	50	50.00	100	
Chlorobenzene	ug/kg	50	52.00	104	
1,1,2-Tetrachloroethane	ug/kg	50	52.00	104	
hylbenzene	ug/kg	50	54.00	108	
M&P Xylene	ug/kg	100	110.0	110	
Xylene (1,2-Dimethylbenzene)	ug/kg	50	53.00	106	
yrene	ug/kg	50	53.00	106	
Bromoform	ug/kg	50	49.00	98.0	
Isopropylbenzene (Cumene)	ug/kg	50	53.00	106	
1,2,2 Tetrachloroethane	ug/kg	50	49.00	98.0	
romobenzene	ug/kg	50	53.00	106	
1,2,3-Trichloropropane	ug/kg	50	49.00	98.0	
Propylbenzene	ug/kg	50	55.00	110	
Chlorotoluene	ug/kg	50	53.00	106	
1,3,5-Trimethylbenzene	ug/kg	50	53.00	106	
4-Chlorotoluene	ug/kg	50	53.00	106	
2,4 Trimethylbenzene	ug/kg	50	52.00	104	
ec-Butylbenzene	ug/kg	50	52.00	104	
tert-Butylbenzene	ug/kg	50	52.00	104	
Isopropyltoluene	ug/kg	50	52.00	104	
3-Dichlorobenzene	ug/kg	50	52.00	104	
1,4-Dichlorobenzene	ug/kg	50	52.00	104	
n-Butylbenzene	ug/kg	50	53.00	106	
2-Dichlorobenzene	ug/kg	50	51.00	102	
-Dibromo-3-Chloropropane	ug/kg	50	46.00	92.0	
,2,4-Trichlorobenzene	ug/kg	50	50.00	100	

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Hexachlorobutadiene	ug/kg	50	51.00	102
Naphthalene	ug/kg	50	46.00	92.0
1,2,3-Trichlorobenzene	ug/kg	50	48.00	96.0
trans-1,3-Dichloropropene	ug/kg	50	55.00	110
cis-1,3-Dichloropropene	ug/kg	50	55.00	110
2-Chlorohexane	ug/kg	50	54.00	108

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Pace Project Number:

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Client Project ID:

980619-09

LABORATORY CONTROL SAMPLE: 10719706

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dibromofluoromethane (S)				98	
Fluene-d8 (S)				96	
4-Bromofluorobenzene (S)				96	
1,2-Dichloroethane-d4 (S)				98	

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108090
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10619 09
Long Beach, CA 90815

Pace Project Number:

Client Project ID:

Attn: Mr. Richard Villafania
Phone: (562)498-9515

QC Batch ID: 14131
Analysis Method: EPA 8260
Associated Pace Samples: 10697233

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260

METHOD BLANK: 10719714
Associated Pace Samples:
10697233

Parameter	Units	Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/kg	ND	5	
Chloromethane	ug/kg	ND	5	
Vinyl Chloride	ug/kg	ND	5	
Bromomethane	ug/kg	ND	5	
Chloroethane	ug/kg	ND	5	
Trichlorofluoromethane	ug/kg	ND	5	
Methylene Chloride	ug/kg	ND	5	
1,1-Dichloroethene	ug/kg	ND	5	
trans-1,2-Dichloroethene	ug/kg	ND	5	
1,1-Dichloroethane	ug/kg	ND	5	
1,2 Dichloropropane	ug/kg	ND	5	
cis-1,2-Dichloroethene	ug/kg	ND	5	
Chloroform	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,1,1-Trichloroethane	ug/kg	ND	5	
Carbon Tetrachloride	ug/kg	ND	5	
1,1 Dichloropropene	ug/kg	ND	5	
Benzene	ug/kg	ND	5	
1,2-Dichloroethane	ug/kg	ND	5	

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T ichloroethene	ug/kg	ND	5
I ' Dichloropropane	ug/kg	ND	5
Bi dichloromethane	ug/kg	ND	5
D bromomethane	ug/kg	ND	5
T luene	ug/kg	ND	5
1,1,2-Trichloroethane	ug/kg	ND	5

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Pace Project Number:

98090

Client Project ID:

980619-09

METHOD BLANK: 10719714

Associated Pace Samples:

10697333

Parameter	Units	Method Blank Result	PRL	Footnotes
Tetrachloroethene	ug/kg	ND	5	
1,3-Dichloropropane	ug/kg	ND	5	
Dibromochloromethane	ug/kg	ND	5	
1,2-Dibromoethane	ug/kg	ND	5	
Chlorobenzene	ug/kg	ND	5	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5	
Ethylbenzene	ug/kg	ND	5	
M&P-Xylene	ug/kg	ND	5	
O-Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
Bromoform	ug/kg	ND	5	
Isopropylbenzene (Cumene)	ug/kg	ND	5	
1,1,2,2 Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
1,2,3-Trichloropropane	ug/kg	ND	5	
N-Propylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
1,3,5-Trimethylbenzene	ug/kg	ND	5	
4-Chlorotoluene	ug/kg	ND	5	
1,2,4 Trimethylbenzene	ug/kg	ND	5	
Sec-Butylbenzene	ug/kg	ND	5	
Tert-Butylbenzene	ug/kg	ND	5	
P-Isopropyltoluene	ug/kg	ND	5	
1,3-Dichlorobenzene	ug/kg	ND	5	
1,4 Dichlorobenzene	ug/kg	ND	5	
N-Butylbenzene	ug/kg	ND	5	
1,2-Dichlorobenzene	ug/kg	ND	5	
1,2-Dibromo-3-Chloropropane	ug/kg	ND	5	
1,2,4-Trichlorobenzene	ug/kg	ND	5	
Hexachlorobutadiene	ug/kg	ND	5	
Naphthalene	ug/kg	ND	5	
1,2,3-Trichlorobenzene	ug/kg	ND	5	

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trans-1,3-Dichloropropene	ug/kg	ND	5	
cis-1,3-Dichloropropene	ug/kg	ND	5	
2-Chloroethyl Vinyl Ether	ug/kg	ND	5	
Acetone	ug/kg	12	20	1,2
2-Butanone	ug/kg	ND	10	
4-Methyl-2-Pentanone	ug/kg	ND	10	

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QUALITY CONTROL DATA

DATE: 07/23/98

AGE: 82

Pace Project Number:

)8090

Client Project ID:

980619-09

METHOD BLANK: 10719714
ssociated Pace Samples:
10697233

rameter	Units	Method Blank Result	PRL	Footnotes
Carbon Disulfide	ug/kg	ND	10	
Hexanone	ug/kg	ND	100	
nyl Acetate	ug/kg	ND	100	
Methyl-tert-butyl Ether	ug/kg	ND	5	
-hanol	ug/kg	ND	500	
propyl Ether	ug/kg	ND	5	
ethyl-tert-butyl ether	ug/kg	ND	5	
tert Amylmethyl ether	ug/kg	ND	5	
Methyl-2-propanol	ug/kg	ND	100	
bromofluoromethane (S)	%	94		
Toluene-d8 (S)	%	100		
Bromofluorobenzene (S)	%	98		
2-Dichloroethane-d4 (S)	%	106		

ATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10719730 10719748

Spike p Parameter	Units	10702512	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result:	% Rec	RPD	Footnotes
Dichlorodifluoromethane	ug/kg	0	50	92.00	184	90.00	180	2	
hloromethane	ug/kg	0	50	55.00	110	52.00	104	6	
Vinyl Chloride	ug/kg	0	50	65.00	130	67.00	134	3	
nomethane	ug/kg	0	50	54.00	108	64.00	1..	17	

ıloroethane -- 0	ug/kg	0	50	66.00	132	66.00
1 Chlorofluoromethane 118 2	ug/kg	0	50	60.00	120	59.00
ethylene Chloride 88.0 5	ug/kg	0	50	45.00	90.0	43.00
1,1 Dichloroethene 04 4	ug/kg	0	50	54.00	108	52.00
cans-1,2-Dichloroethene 96.0 2	ug/kg	0	50	49.00	98.0	48.00
',1-Dichloroethane 02 2	ug/kg	0	50	52.00	104	51.00
2,2-Dichloropropane 84.0 7	ug/kg	0	50	45.00	90.0	42.00
is-1,2-Dichloroethene 5.0 5	ug/kg	0	50	45.00	90.0	43.00
Chloroform 9.0 2	ug/kg	0	50	46.00	92.0	45.00
romochloromethane 84.0 5	ug/kg	0	50	44.00	88.0	42.00
1,1,1-Trichloroethane 4.0 2	ug/kg	0	50	48.00	96.0	47.00
arbon Tetrachloride 90.0 0	ug/kg	0	50	45.00	90.0	45.00
1 Dichloropropene 5.0 2	ug/kg	0	50	49.00	98.0	48.00
Benzene 0 2	ug/kg	0	50	45.00	90.0	44.00
-Dichloroethane 88.0 2	ug/kg	0	50	45.00	90.0	44.00

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QUALITY CONTROL DATA

AGE: 83

Pace Project Number:

98090

Client Project ID:

980619-09

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10719730 10719748

Parameter	Units	10702512	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	*	RPD	Footnotes
Dichloroethene	ug/kg	0	50	47.00	94.0	48.00		2.0	2
1,2 Dichloropropane	ug/kg	0	50	47.00	94.0	46.00		0	2
Bromodichloromethane	ug/kg	0	50	44.00	88.0	42.00		4.0	5
Dibromomethane	ug/kg	0	50	43.00	86.0	41.00		4.0	5
Toluene	ug/kg	0	50	38.00	76.0	38.00		0	0
1,1,2-Trichloroethane	ug/kg	0	50	44.00	88.0	42.00		4.0	5
Tetrachloroethene	ug/kg	0	50	35.00	70.0	36.00		2.0	3
1,3-Dichloropropane	ug/kg	0	50	42.00	84.0	40.00		5.0	5
Dibromochloromethane	ug/kg	0	50	38.00	76.0	36.00		5.0	5
1,2-Dibromoethane	ug/kg	0	50	37.00	74.0	36.00		2.0	3
Chlorobenzene	ug/kg	0	50	31.00	62.0	32.00		3.0	3
1,1,1,2 Tetrachloroethane	ug/kg	0	50	38.00	76.0	38.00		0	0
Ethylbenzene	ug/kg	0	50	33.00	66.0	34.00		3.0	3
M&P Xylene	ug/kg	0	100	61.00	61.0	63.00		3.0	3
O Xylene (1,2 Dimethylbenzene)	ug/kg	0	50	30.00	60.0	32.00		7.0	6

:yrene : 0 4	ug/kg	0	50	26.00	52.0	
B oform 68.0 3	ug/kg	0	50	35.00	70.0	34.00
jopropylbenzene (Cumene) 50.0 7	ug/kg	0	50	28.00	56.0	30.00
1,1,2,2-Tetrachloroethane :.0 10	ug/kg	0	50	31.00	62.0	28.00
tomobenzene 54.0 0	ug/kg	0	50	27.00	54.0	27.00
2,3-Trichloropropane :.0 5	ug/kg	0	50	39.00	78.0	37.00
n-Propylbenzene 52.0 8	ug/kg	0	50	24.00	48.0	26.00
Chlorotoluene :.0 8	ug/kg	0	50	25.00	50.0	27.00
1,3,5-Trimethylbenzene :).0 8	ug/kg	0	50	23.00	46.0	25.00
Chlorotoluene 46.0 4	ug/kg	0	50	22.00	44.0	23.00
1,2,4-Trimethylbenzene :.0 9	ug/kg	0	50	21.00	42.0	23.00
ec-Butylbenzene 46.0 9	ug/kg	0	50	21.00	42.0	23.00
rt-Butylbenzene :.0 8	ug/kg	0	50	24.00	48.0	26.00
p-Isopropyltoluene 47.0 15	ug/kg	0	50	18.00	36.0	21.00
-Dichlorobenzene 42.0 5	ug/kg	0	50	20.00	40.0	21.00
1,4-Dichlorobenzene :.0 5	ug/kg	0	50	19.00	38.0	20.00
Butylbenzene 36.0 12	ug/kg	0	50	16.00	32.0	18.00
2-Dichlorobenzene :.0 4	ug/kg	0	50	22.00	44.0	23.00
1,2-Dibromo-3-Chloropropane 66.0 6	ug/kg	0	50	35.00	70.0	33.00
2,4 Trichlorobenzene :.0 7	ug/kg	0	50	13.00	26.0	14.00
Hexachlorobutadiene :.0 33	ug/kg	0	50	10.00	20.0	14.00
phthalene 38.0 5	ug/kg	0	50	18.00	36.0	19.00
2,3 Trichlorobenzene :.0 13	ug/kg	0	50	14.00	28.0	16.00
trans-1,3-Dichloropropene 70.0 3	ug/kg	0	50	36.00	72.0	35.00
s-1,3-Dichloropropene :.0 3	ug/kg	0	50	38.00	76.0	37.00
1-Chlorohexane :0.0 3	ug/kg	0	50	29.00	58.0	30.00

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QUALITY CONTROL DATA

DATE: 07/23/98

AGE: 84

Pace Project Number:

98090

Client Project ID:

980619 09

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10719730 10719748

Parameter	Units	10702512	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	% RPD	Footnotes
bromofluoromethane (S)					90			
Toluene-d8 (S)					98			
romofluorobenzene (S)					96			
1,2-Dichloroethane-d4 (S)					94			

LABORATORY CONTROL SAMPLE: 10719722

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
chlorodifluoromethane	ug/kg	50	96.00	192	
Chloromethane	ug/kg	50	53.00	106	
nyl Chloride	ug/kg	50	65.00	130	
omomethane	ug/kg	50	71.00	142	
Chloroethane	ug/kg	50	67.00	134	
Trichlorofluoromethane	ug/kg	50	64.00	128	
thylene Chloride	ug/kg	50	54.00	108	
1,1-Dichloroethene	ug/kg	50	63.00	126	
trans-1,2-Dichloroethene	ug/kg	50	63.00	126	
1-Dichloroethane	ug/kg	50	62.00	124	
2-Dichloropropane	ug/kg	50	58.00	116	
cis-1,2 Dichloroethene	ug/kg	50	58.00	116	
hloroform	ug/kg	50	56.00	112	
omochloromethane	ug/kg	50	55.00	110	
1-Trichloroethane	ug/kg	50	57.00	114	
Carbon Tetrachloride	ug/kg	50	56.00	112	

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1-Dichloropropene	ug/kg	50	63.00	126
zene	ug/kg	50	61.00	122
1. Dichloroethane	ug/kg	50	55.00	110
Trichloroethene	ug/kg	50	58.00	116
2-Dichloropropane	ug/kg	50	60.00	120
Bromodichloromethane	ug/kg	50	56.00	112
Dibromomethane	ug/kg	50	56.00	112
oluene	ug/kg	50	59.00	118
1,2-Trichloroethane	ug/kg	50	57.00	114
Tetrachloroethene	ug/kg	50	56.00	112
1,3-Dichloropropane	ug/kg	50	55.00	110
bromochloromethane	ug/kg	50	51.00	102
1,2-Dibromoethane	ug/kg	50	54.00	108
Chlorobenzene	ug/kg	50	57.00	114
1,1,2-Tetrachloroethane	ug/kg	50	56.00	112

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QUALITY CONTROL DATA

DATE: 07/23/98

GE: 85

Pace Project Number:

8090

Client Project ID:

980619-09

LABORATORY CONTROL SAMPLE: 10719722

rameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Ethylbenzene	ug/kg	50	59.00	118	
P Xylene	ug/kg	100	120.0	120	
-Xylene (1,2-Dimethylbenzene)	ug/kg	50	58.00	116	
Styrene	ug/kg	50	58.00	116	
omoform	ug/kg	50	52.00	104	
opropylbenzene (Cumene)	ug/kg	50	58.00	116	
1,1,2,2-Tetrachloroethane	ug/kg	50	51.00	102	
mobenzene	ug/kg	50	54.00	108	
,3 Trichloropropane	ug/kg	50	52.00	104	
n-Propylbenzene	ug/kg	50	57.00	114	
2 Chlorotoluene	ug/kg	50	56.00	112	
3,5-Trimethylbenzene	ug/kg	50	56.00	112	
Chlorotoluene	ug/kg	50	55.00	110	
1,2,4 Trimethylbenzene	ug/kg	50	54.00	108	
c-Butylbenzene	ug/kg	50	56.00	112	
rt-Butylbenzene	ug/kg	50	55.00	110	
p-Isopropyltoluene	ug/kg	50	56.00	112	
1,3-Dichlorobenzene	ug/kg	50	55.00	110	
4 Dichlorobenzene	ug/kg	50	54.00	108	
Butylbenzene	ug/kg	50	57.00	114	
1,2-Dichlorobenzene	ug/kg	50	54.00	108	
2 Dibromo 3-Chloropropane	ug/kg	50	49.00	98.0	
2,4-Trichlorobenzene	ug/kg	50	53.00	106	
Hexachlorobutadiene	ug/kg	50	52.00	104	
Naphthalene	ug/kg	50	52.00	104	
2,3-Trichlorobenzene	ug/kg	50	52.00	104	
trans-1,3-Dichloropropene	ug/kg	50	57.00	114	
cis-1,3 Dichloropropene	ug/kg	50	58.00	116	
Chlorohexane	ug/kg	50	58.00	116	
bromofluoromethane (S)				94	
Toluene d8 (S)				98	
Bromofluorobenzene (S)				98	
2-Dichloroethane-d4 (S)				94	

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Client Project ID:
980619-09

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
)	Not Calculable
PL	Pace Reporting Limit
RPD	Relative Percent Difference
S)	Surrogate
J]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J Flag).
[C]	Common laboratory contaminant.
	The spike recovery was outside acceptance limits for the MS and /or MSD due to matrix interference. The LCS and/or
	LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

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July 20, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 108089
Client Project ID: 980619-09

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on June 22, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

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DATE: 07/20/98

PAGE: 1

Pace Analytical Long Beach SC
108089
3960 Gilman Street
80619-09
Long Beach, CA 90815

Pace Project Number:

Client Project ID:

Attn: Mr. Richard Villafania
Phone: (562)498 9515

Solid results are reported on a wet weight basis

Pace Sample No: 10696987 Date Collected: 06/18/98
Matrix: Soil
Client Sample ID: TTBCC-2-5.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
E -- Semi-VOA							
PCB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 350		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/25/98	SJW	12674-11-	2
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/25/98	SJW	11104 28	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/25/98	SJW	11141-16-	5
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/25/98	SJW	53469-21-	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/25/98	SJW	12672-29-	
PCB 1254 (Arochlor 1254)	ND	mg/kg	0.03	06/25/98	SJW	11097 69	1
PCB 1260 (Arochlor 1260)	ND	mg/kg	0.03	06/25/98	SJW	11096-82-	
Tetrachloro-meta-xylene (S)	88	%		06/25/98	SJW	877 09-8	
Decachlorobiphenyl (S)	95	%		06/25/98	SJW	2051-24-3	

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Date Extracted
06/24/98

GC/MS -- VOA

GC/MS VOCs by 8260 Method: EPA 8260 Prep Method: EPA 5030

Dichlorodifluoromethane	ND	ug/kg	5	07/02/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	07/02/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/02/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	07/02/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	07/02/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/02/98	SAC	75-69-4
Methylene Chloride	ND	ug/kg	5	07/02/98	SAC	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/02/98	SAC	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/02/98	SAC	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/02/98	SAC	594-20-7
cis 1,2-Dichloroethene	ND	ug/kg	5	07/02/98	SAC	156-59-2

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8080

Pace Project Number:

980619-09

Client Project ID:

Pace Sample No: 10696987 Date Collected: 06/18/98
Matrix: Soil
Client Sample ID: TTBCC-2-5.0 Date Received: 06/22/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Chloroform	ND	ug/kg	5	07/02/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	07/02/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/02/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/02/98	SAC	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/02/98	SAC	563-58-6
Benzene	ND	ug/kg	5	07/02/98	SAC	71-43-2
1,2 Dichloroethane	ND	ug/kg	5	07/02/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	07/02/98	SAC	79-01-6
1,2 Dichloropropane	ND	ug/kg	5	07/02/98	SAC	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/02/98	SAC	75-27-4
Dibromomethane	ND	ug/kg	5	07/02/98	SAC	74-95-3
Toluene	ND	ug/kg	5	07/02/98	SAC	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/02/98	SAC	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/02/98	SAC	127-18-4
1,3-Dichloropropane	ND	ug/kg	5	07/02/98	SAC	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/02/98	SAC	124-48-1
1,2 Dibromoethane	ND	ug/kg	5	07/02/98	SAC	106-93-4
Chlorobenzene	ND	ug/kg	5	07/02/98	SAC	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	SAC	630-20-6
Ethylbenzene	ND	ug/kg	5	07/02/98	SAC	100-41-4
M&P-Xylene	3.1	ug/kg	5	07/02/98	SAC	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/02/98	SAC	95-47-6
Styrene	ND	ug/kg	5	07/02/98	SAC	100-42-5
Bromoform	ND	ug/kg	5	07/02/98	SAC	75-25-2
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/02/98	SAC	98 82 8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	SAC	79-34-5
Bromobenzene	ND	ug/kg	5	07/02/98	SAC	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/02/98	SAC	96 18 4
n Propylbenzene	ND	ug/kg	5	07/02/98	SAC	103-65-1
2 Chlorotoluene	ND	ug/kg	5	07/02/98	SAC	95-49-8

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1,3,5 Trimethylbenzene	ND	ug/kg	5	07/02/98	SAC	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/02/98	SAC	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/02/98	SAC	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/02/98	SAC	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/02/98	SAC	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/02/98	SAC	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/02/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/02/98	SAC	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/02/98	SAC	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/02/98	SAC	95-50-1

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DATE: 07/20/98

AGE: 3

Pace Project Number:

08089

Client Project ID:

980619-09

Pace Sample No: 10696987 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTBCC-2-5.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/02/98	SAC	96-12-8	
1,2,4 Trichlorobenzene	ND	ug/kg	5	07/02/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/02/98	SAC	87-68-3	
Naphthalene	ND	ug/kg	5	07/02/98	SAC	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/02/98	SAC	87 61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	SAC	10061-02-6	
cis-1,3 Dichloropropene	ND	ug/kg	5	07/02/98	SAC	10061-01-	
2 Chloroethyl Vinyl Ether	ND	ug/kg	5	07/02/98	SAC	110-75-8	
Acetone	55	ug/kg	20	07/02/98	SAC	67-64-1	,3
2 Butanone	ND	ug/kg	10	07/02/98	SAC	78 93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/02/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/02/98	SAC	75 15-0	
2-Hexanone	ND	ug/kg	100	07/02/98	SAC	591 78-6	
Vinyl Acetate	ND	ug/kg	100	07/02/98	SAC	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/02/98	SAC	1634 04-4	
Ethanol	ND	ug/kg	500	07/02/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/02/98	SAC	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/02/98	SAC	637 92-3	
tert Amylmethyl ether	ND	ug/kg	5	07/02/98	SAC	994-05-8	
3-Methyl-2-propanol	ND	ug/kg	100	07/02/98	SAC	75-65-0	
Dibromofluoromethane (S)	102	%		07/02/98	SAC	1868 53 7	
Toluene d8 (S)	88	%		07/02/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	78	%		07/02/98	SAC	460 00-4	
1,2-Dichloroethane-d4 (S)	94	%		07/02/98	SAC	17060-07-0	4

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DATE: 07/20/98

AGE: 4

Pace Project Number:

08089

Client Project ID:

980619-09

Pace Sample No: 10696995 Date Collected: 06/18/98
atrix: Soil
lient Sample ID: TTBDD-2-10.0 Date Received: 06/22/98

Parameters otnote:	Results	Units	PRL	Analyzed	Analyst	CAS#
] -- Semi VOA						
PCB's in Soil, Low Level 0	Method: EPA 8080				Prep Method: EPA	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/25/98	SJW	12674-11- 2
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/25/98	SJW	11104-28-
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/25/98	SJW	11141-16
PCB-1242 (Arochlor 1242) 9	ND	mg/kg	0.03	06/25/98	SJW	53469-21-
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/25/98	SJW	12672-29-
PCB-1254 (Arochlor 1254) 1	ND	mg/kg	0.03	06/25/98	SJW	11097-69-
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/25/98	SJW	11096-82-
Tetrachloro-meta-xylene (S)	98	%		06/25/98	SJW	877 09-8
Decachlorobiphenyl (S)	106	%		06/25/98	SJW	2051-24-3
Date Extracted				06/24/98		
GC/MS - VOA						
GC/MS VOCs by 8260 8260	Method: EPA 8260				Prep Method: EPA	
Dichlorodifluoromethane	ND	ug/kg	5	07/02/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	07/02/98	SAC	74 87-3
Vinyl Chloride	ND	ug/kg	5	07/02/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	07/02/98	SAC	74-83-9

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Chloroethane	ND	ug/kg	5	07/02/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/02/98	SAC	75-69-4
Methylene Chloride	ND	ug/kg	5	07/02/98	SAC	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/02/98	SAC	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/02/98	SAC	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/02/98	SAC	594 20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	07/02/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	07/02/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/02/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/02/98	SAC	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/02/98	SAC	563-58-6
Benzene	ND	ug/kg	5	07/02/98	SAC	71 43-2
1,2-Dichloroethane	ND	ug/kg	5	07/02/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	07/02/98	SAC	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/02/98	SAC	78-87 5
Bromodichloromethane	ND	ug/kg	5	07/02/98	SAC	75-27-4

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DATE: 07/20/98

AGE: 5

Pace Project Number:

98089

Client Project ID:

980619 09

Pace Sample No: 10696995 Date Collected: 06/18/98

atrix: Soil

lient Sample ID: TTSDD-2-10.0 Date Received: 06/22/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Dibromomethane	ND	ug/kg	5	07/02/98	SAC	74 95-3
Toluene	ND	ug/kg	5	07/02/98	SAC	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/02/98	SAC	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/02/98	SAC	127-18-4
1,3-Dichloropropane	ND	ug/kg	5	07/02/98	SAC	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/02/98	SAC	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/02/98	SAC	106-93-4
Chlorobenzene	ND	ug/kg	5	07/02/98	SAC	108 90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	SAC	630-20-6
Ethylbenzene	ND	ug/kg	5	07/02/98	SAC	100 41-4
M&P Xylene	ND	ug/kg	5	07/02/98	SAC	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/02/98	SAC	95-47-6
Styrene	ND	ug/kg	5	07/02/98	SAC	100-42-5
Bromoform	ND	ug/kg	5	07/02/98	SAC	75-25-2
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/02/98	SAC	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	SAC	79 34-5
Bromobenzene	ND	ug/kg	5	07/02/98	SAC	108-86-1
1,2,3 Trichloropropane	ND	ug/kg	5	07/02/98	SAC	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/02/98	SAC	103 65 1
2 Chlorotoluene	ND	ug/kg	5	07/02/98	SAC	95-49-8
1,3,5 Trimethylbenzene	ND	ug/kg	5	07/02/98	SAC	108 67-8
4-Chlorotoluene	ND	ug/kg	5	07/02/98	SAC	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/02/98	SAC	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/02/98	SAC	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/02/98	SAC	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/02/98	SAC	99 87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/02/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/02/98	SAC	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/02/98	SAC	104 51-8
1,2 Dichlorobenzene	ND	ug/kg	5	07/02/98	SAC	95-50-1
1,2 Dibromo-3-Chloropropane	ND	ug/kg	5	07/02/98	SAC	96-12-8

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1,2,4-Trichlorobenzene	ND	ug/kg	5	07/02/98	SAC	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/02/98	SAC	87-68-3
Naphthalene	ND	ug/kg	5	07/02/98	SAC	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/02/98	SAC	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	SAC	10061-02-6
cis-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	SAC	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/02/98	SAC	110-75-8
Acetone	12	ug/kg	20	07/02/98	SAC	67-64-1
2-Butanone	ND	ug/kg	10	07/02/98	SAC	78-93-3

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)8089 Pace Project Number:

980619-09 Client Project ID:

Pace Sample No: 10696995 Date Collected: 06/18/98
Matrix: Soil
lient Sample ID: TTBDD-2-10.0 Date Received: 06/22/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Methyl 2-Pentanone	ND	ug/kg	10	07/02/98	SAC	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/02/98	SAC	75-15-0
2 Hexanone	ND	ug/kg	100	07/02/98	SAC	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/02/98	SAC	108-05 4
Methyl-tert butyl Ether	ND	ug/kg	5	07/02/98	SAC	1634-04-4
Ethanol	ND	ug/kg	500	07/02/98	SAC	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/02/98	SAC	108-20-3
Ethyl tert-butyl ether	ND	ug/kg	5	07/02/98	SAC	637 92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/02/98	SAC	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/02/98	SAC	75-65-0
Dibromofluoromethane (S)	100	%		07/02/98	SAC	1868 53 7
Toluene d8 (S)	92	%		07/02/98	SAC	2037-26-5
4 Bromofluorobenzene (S)	76	%		07/02/98	SAC	460-00-4
1,2-Dichloroethane-d4 (S) 4	94	%		07/02/98	SAC	17060-07-

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Pace Project Number:

58089

Client Project ID:

980619-09

Pace Sample No: 10697001 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTRCC-1 5.0 Date Received: 06/22/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
GC/MS -- Semi-VOA						
Semivolatile Organics 0	Method: EPA 8270				Prep Method: EPA	
Phenol	ND	ug/kg	330	07/01/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/01/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/01/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/01/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/01/98	SAC	91-57-6

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Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88 06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/01/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606 20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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DATE: 07/20/98

GE: 8

8089 Pace Project Number:

980619-09 Client Project ID:

Pace Sample No: 10697001 Date Collected: 06/18/98
trix: Soil
lient Sample ID: TTBCC-1-5.0 Date Received: 06/22/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02 7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121-14 2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	7005 72-3
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534 52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	101 55-3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74 1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86-5
Phenanthrene	140	ug/kg	330	07/01/98	SAC	85 01-8
Anthracene	ND	ug/kg	330	07/01/98	SAC	120-12-7
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74 2
Fluoranthene	130	ug/kg	330	07/01/98	SAC	206-44-0
Pyrene	190	ug/kg	330	07/01/98	SAC	129-00 0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68-7
3,3' Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1
Benzo(a)anthracene	98	ug/kg	330	07/01/98	SAC	56-55 3
Chrysene	100	ug/kg	330	07/01/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	89	ug/kg	330	07/01/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117 84 0
Benzo(b)fluoranthene	110	ug/kg	330	07/01/98	SAC	205-99-2

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Benzo(k)fluoranthene	ND	ug/kg	330	07/01/98	SAC	207-08-9
Benzo(a)pyrene	93	ug/kg	330	07/01/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/01/98	SAC	191-24-2
Nitrobenzene-d5 (S)	56	%		07/01/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	57	%		07/01/98	SAC	321-60-8
Terphenyl-d14 (S)	61	%		07/01/98	SAC	1718-51-0
Phenol-d6 (S)	68	%		07/01/98	SAC	13127-88-
2 Fluorophenol (S)	64	%		07/01/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	55	%		07/01/98	SAC	118-79-6
Date Extracted				06/24/98		

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DATE: 07/20/98

GE: 9

Pace Project Number:

8089

Client Project ID:

980619-09

Pace Sample No: 10697019 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTB17 1-10.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
obnoes						
/MS -- Semi-VOA						
Semivolatile Organics	Method: EPA 8270					Prep Method: EPA
0						
Phenol	ND	ug/kg	330	07/01/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111 44 4
2-Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541-73-1
1,4 Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106-46 7
Benzyl Alcohol	ND	ug/kg	650	07/01/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/01/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638 32-
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98 95-3
isophorone	ND	ug/kg	330	07/01/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75 5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/01/98	SAC	91 20-3
4-Chloroaniline	ND	ug/kg	650	07/01/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87-68-3
4-Chloro 3 methylphenol	ND	ug/kg	650	07/01/98	SAC	59 50-7
2-Methylnaphthalene	ND	ug/kg	330	07/01/98	SAC	91 57 6

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Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/01/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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DATE: 07/20/98

GE: 10

Pace Project Number:

08089

Client Project ID:

980619-09

Pace Sample No: 10697019 Date Collected: 06/18/98

Matrix: Soil

ient Sample ID: TTB17-1-10.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132 64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2	
4-Chlorophenyl phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72 3	
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534 52 1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30-6	
4 Bromophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86 5	
Phenanthrene	ND	ug/kg	330	07/01/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/01/98	SAC	120 12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/01/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/01/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85 68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/01/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/01/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	110	ug/kg	330	07/01/98	SAC	117-81-7	
12							
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/01/98	SAC	205-99 2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/01/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/01/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193-39 5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/01/98	SAC	191-24-2	
Nitrobenzene d5 (S)	61	%		07/01/98	SAC	4165-60 0	

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2-Fluorobiphenyl (S)	67	%	07/01/98	SAC	321-60-8
Terphenyl-d14 (S)	83	%	07/01/98	SAC	1718-51-0
Phenol-d6 (S)	73	%	07/01/98	SAC	13127-88-
2-Fluorophenol (S)	58	%	07/01/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	42	%	07/01/98	SAC	118-79-6
Date Extracted			06/24/98		

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DATE: 07/20/98

GE: 11

Pace Project Number:

8089

Client Project ID:

980619-09

Pace Sample No: 10697027 Date Collected: 06/18/98
Matrix: Soil
ient Sample ID: TTB17-2 10.0 Date Received: 06/22/98

Parameters/ otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
-- Semi-VOA						
PCB's in Soil, Low Level 9	Method: EPA 8080				Prep Method: EPA	
PCB 1016 (Arochlor 1016)	ND	mg/kg	0.03	06/26/98	SJW	12674-11- 2
PCB 1221 (Arochlor 1221)	ND	mg/kg	0.03	06/26/98	SJW	11104 28
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/26/98	SJW	11141-16- 5
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/26/98	SJW	53469-21-
PCB 1248 (Arochlor 1248)	ND	mg/kg	0.03	06/26/98	SJW	12672-29-
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/26/98	SJW	11097-69- 1
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/26/98	SJW	11096-82-
Tetrachloro-meta-xylene (S)	114	%		06/26/98	SJW	877-09-8
Decachlorobiphenyl (S)	103	%		06/26/98	SJW	2051-24 3
Date Extracted				06/24/98		
GC/MS -- VOA						
GC/MS VOCs by 8260 .260	Method: EPA 8260				Prep Method: EPA	
Dichlorodifluoromethane	ND	ug/kg	5	07/02/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	07/02/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/02/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	07/02/98	SAC	74-83-9

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Chloroethane	ND	ug/kg	5	07/02/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/02/98	SAC	75-69-4
Methylene Chloride	3.7	ug/kg	5	07/02/98	SAC	75-09-2
1,3						
1,1-Dichloroethene	ND	ug/kg	5	07/02/98	SAC	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/02/98	SAC	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/02/98	SAC	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	07/02/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	07/02/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/02/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/02/98	SAC	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/02/98	SAC	563-58-6
Benzene	ND	ug/kg	5	07/02/98	SAC	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/02/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	07/02/98	SAC	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/02/98	SAC	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/02/98	SAC	75-27-4

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1,2,4-Trichlorobenzene	ND	ug/kg	5	07/02/98	SAC	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/02/98	SAC	87-68-3
Naphthalene	ND	ug/kg	5	07/02/98	SAC	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/02/98	SAC	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	SAC	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	SAC	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/02/98	SAC	110-75-8
Acetone	17	ug/kg	20	07/02/98	SAC	67-64-1
2-Butanone	1.5	ug/kg	10	07/02/98	SAC	78-93-3

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Pace Analytical

Pace Project Number:

108089

Client Project ID:

0619-09

Pace Sample No: 10697027 Date Collected: 06/18/98

trix: Soil

Client Sample ID: TTB17-2-10.0 Date Received: 06/22/98

rameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Methyl-2-Pentanone	ND	ug/kg	10	07/02/98	SAC	108-10 1
Carbon Disulfide	ND	ug/kg	10	07/02/98	SAC	75-15-0
2-Hexanone	ND	ug/kg	100	07/02/98	SAC	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/02/98	SAC	108-05-4
Methyl-tert-butyl Ether	ND	ug/kg	5	07/02/98	SAC	1634-04-4
Ethanol	ND	ug/kg	500	07/02/98	SAC	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/02/98	SAC	108-20-3
Ethyl tert butyl ether	ND	ug/kg	5	07/02/98	SAC	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/02/98	SAC	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/02/98	SAC	75-65-0
Dibromofluoromethane (S)	104	%		07/02/98	SAC	1868-53 7
Toluene-d8 (S)	96	%		07/02/98	SAC	2037-26-5
4-Bromofluorobenzene (S)	74	%		07/02/98	SAC	460 00-4
1,2-Dichloroethane-d4 (S) 4,5	98	%		07/02/98	SAC	17060 07-

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Pace Analytical

Pace Project Number:
408089

Client Project ID:
30619-09

Pace Sample No: 10697035 Date Collected: 06/18/98
Matrix: Soil
Client Sample ID: TTBAA-2-10.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS# Footnotes
GC -- Semi-VOA						
PCBs in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/26/98	SJW	12674-11-2
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/26/98	SJW	11104-28-2
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/26/98	SJW	11141-16-5
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/26/98	SJW	53469-21-9
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/26/98	SJW	12672-29-6
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/26/98	SJW	11097-69-1
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/26/98	SJW	11096-82-5
Tetrachloro-meta-xylene (S)	88	%		06/26/98	SJW	877-09-8
Decachlorobiphenyl (S)	94	%		06/26/98	SJW	2051-24-3
Date Extracted				06/24/98		
GC/MS - VOA						
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 5030
Dichlorodifluoromethane	ND	ug/kg	5	07/02/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/02/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/02/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/02/98	TAW	74-83-9

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Chloroethane	ND	ug/kg	5	07/02/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/02/98	TAW	75-69-4
Methylene Chloride	4.6	ug/kg	5	07/02/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-60-5
1,1 Dichloroethane	ND	ug/kg	5	07/02/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/02/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/02/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/02/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/02/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/02/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/02/98	TAW	75-27-4

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Pace Project Number:
108089

Client Project ID:
0619-09

ice Sample No: 10697035 Date Collected: 06/18/98
trix: Soil
Client Sample ID: TBAA-2-10.0 Date Received: 06/22/98

rameters ootnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Dibromomethane	ND	ug/kg	5	07/02/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/02/98	TAW	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/02/98	TAW	127-18-4
1,3-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/02/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/02/98	TAW	106-93-4
Chlorobenzene	ND	ug/kg	5	07/02/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	630-20-6
Ethylbenzene	4.3	ug/kg	5	07/02/98	TAW	100-41-4
M&P-Xylene	10	ug/kg	5	07/02/98	TAW	7816-60-0
O-Xylene (1,2 Dimethylbenzene)	3.5	ug/kg	5	07/02/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/02/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/02/98	TAW	75-25-2
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/02/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/02/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/02/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/02/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	95-49-8
1,3,5-Trimethylbenzene	2.3	ug/kg	5	07/02/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	106-43-4
1,2,4-Trimethylbenzene	2.0	ug/kg	5	07/02/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/02/98	TAW	99-87-6
1,3 Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	541-73-1

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1,4-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/02/98	TAW	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/02/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/02/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061-02-
cis-1,3 Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/02/98	TAW	110-75-8
Acetone	10	ug/kg	20	07/02/98	TAW	67-64-1
2,3						
2-Butanone	ND	ug/kg	10	07/02/98	TAW	78-93-3

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108089 Pace Project Number:

00619-09 Client Project ID:

ace Sample No: 10697035 Date Collected: 06/18/98
atrix: Soil
Client Sample ID: TTHAA-2-10.0 Date Received: 06/22/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Methyl-2-Pentanone	ND	ug/kg	10	07/02/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/02/98	TAW	75-15-0
2 Hexanone	ND	ug/kg	100	07/02/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/02/98	TAW	108-05-4
Methyl-tert-butyl Ether	ND	ug/kg	5	07/02/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/02/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/02/98	TAW	108-20-3
Ethyl-tert butyl ether	ND	ug/kg	5	07/02/98	TAW	637-92-3
Tert-Amylmethyl ether	ND	ug/kg	5	07/02/98	TAW	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/02/98	TAW	75-65-0
Dibromofluoromethane (S)	98	%		07/02/98	TAW	1868 53 7
Toluene-d8 (S)	96	%		07/02/98	TAW	2037-26-5
4 Bromofluorobenzene (S)	96	%		07/02/98	TAW	460 00 4
1,2-Dichloroethane d4 (S)	98	%		07/02/98	TAW	17060-07-

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108089 Pace Project Number:

30619-09 Client Project ID:

ace Sample No: 10697043 Date Collected: 06/18/98
atrix: Soil
Client Sample ID: TTBBB-1-10.0 Date Received: 06/22/98

arameters ootnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
GC/MS -- Semi-VOA						
Semivolatile Organics 3550	Method: EPA 8270				Prep Method: EPA	
Phenol	ND	ug/kg	330	07/01/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100-51-6
1,2 Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/01/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106-44-5
N-Nitroso-di-n propylamine	ND	ug/kg	330	07/01/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120-83-2
1,2,4 Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/01/98	SAC	91-20-3
4 Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87-68-3
4 Chloro 3 methylphenol	ND	ug/kg	660	07/01/98	SAC	59-50-7
2 Methylnaphthalene	ND	ug/kg	330	07/01/98	SAC	91-57-6

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Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5 Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2 Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/01/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606-20-2
3 Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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Pace Project Number:
108089

Client Project ID:
0619-09

ce Sample No: 10697043 Date Collected: 06/18/98
trix: Soil
Client Sample ID: TTBBB-1-10.0 Date Received: 06/22/98

rameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30-6
4-Bromophenyl phenylether	ND	ug/kg	330	07/01/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86-5
Phenanthrene	ND	ug/kg	330	07/01/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/01/98	SAC	120-12-7
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74-2
Fluoranthene	ND	ug/kg	330	07/01/98	SAC	206-44-0
Pyrene	ND	ug/kg	330	07/01/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/kg	330	07/01/98	SAC	56-55-3
Chrysene	ND	ug/kg	330	07/01/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate 1,2	270	ug/kg	330	07/01/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117-84-0
Benzo(b)fluoranthene	ND	ug/kg	330	07/01/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/01/98	SAC	207-08-9
Benzo(a)pyrene	ND	ug/kg	330	07/01/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/01/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/01/98	SAC	191-24-2
Nitrobenzene-d5 (S)	65	%		07/01/98	SAC	4165-60-0

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2-Fluorobiphenyl (S)	68	%	07/01/98	SAC	321-60-8
Terphenyl-d14 (S)	77	%	07/01/98	SAC	1718-51-0
Phenol-d6 (S)	81	%	07/01/98	SAC	13127-88-
2-Fluorophenol (S)	72	%	07/01/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	56	%	07/01/98	SAC	118 79-6
Date Extracted			06/24/98		

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Pace Analytical

Pace Project Number:
_08089

Client Project ID:
80619-09

Pace Sample No: 10697050 Date Collected: 06/18/98
Matrix: Soil
Client Sample ID: TTBAA-1-10.0 Date Received: 06/22/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
GC/MS Semi-VOA						
Semivolatile Organics 3510	Method: EPA 8270				Prep Method: EPA	
Phenol	ND	ug/kg	330	07/01/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44-4
2 Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541 73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100-51-6
1,2 Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95-50-1
2-Methylphenol	68	ug/kg	330	07/01/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether 9	ND	ug/kg	330	07/01/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75 5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111 91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120-83 2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120-82-1
Naphthalene	100	ug/kg	330	07/01/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87 68-3

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4-Chloro-3-methylphenol	ND	ug/kg	660	07/01/98	SAC	59-50-7
2-Methylnaphthalene	70	ug/kg	330	07/01/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131-11-3
Acenaphthylene	180	ug/kg	330	07/01/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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Pace Project Number:
108089

Client Project ID:
0619-09

Pace Sample No: 10697050 Date Collected: 06/18/98
Matrix: Soil
Client Sample ID: TTBAA-1-10.0 Date Received: 06/22/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121 14-2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3
Fluorene	110	ug/kg	330	07/01/98	SAC	86 73 7
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534-52 1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/01/98	SAC	101 55-3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86-5
Phenanthrene	1000	ug/kg	330	07/01/98	SAC	85-01-8
Anthracene	270	ug/kg	330	07/01/98	SAC	120-12-7
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74-2
Fluoranthene	1500	ug/kg	330	07/01/98	SAC	206-44-0
Pyrene	2200	ug/kg	330	07/01/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1
Benzo(a)anthracene	1300	ug/kg	330	07/01/98	SAC	56-55-3
Chrysene	1400	ug/kg	330	07/01/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate 2	100	ug/kg	330	07/01/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117-84-0
Benzo(b)fluoranthene	1600	ug/kg	330	07/01/98	SAC	205-99-2
Benzo(k)fluoranthene	590	ug/kg	330	07/01/98	SAC	207-08-9
Benzo(a)pyrene	1300	ug/kg	330	07/01/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	810	ug/kg	330	07/01/98	SAC	193-39-5

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Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70-3
Benzo(g,h,i)perylene	270	ug/kg	330	07/01/98	SAC	191-24-2
Nitrobenzene-d5 (S)	57	%		07/01/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	61	%		07/01/98	SAC	321-60-8
Terphenyl-d14 (S)	66	%		07/01/98	SAC	1718-51-0
Phenol-d6 (S)	70	%		07/01/98	SAC	13127-88-
2-Fluorophenol (S)	62	%		07/01/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	58	%		07/01/98	SAC	118-79-6
Date Extracted				06/24/98		

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Pace Project Number:

108089

Client Project ID:

0619-09

ce Sample No: 10697068 Date Collected: 06/18/98
trix: Soil
Client Sample ID: TTBZ--2-10.0 Date Received: 06/22/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#
ootnotes						
GC/MS -- Semi-VOA						
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA	
3550						
Phenol	ND	ug/kg	330	07/01/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/01/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/01/98	SAC	95-57-8
1,3 Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	541-73 1
1,4-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/01/98	SAC	100-51 6
1,2-Dichlorobenzene	ND	ug/kg	330	07/01/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/01/98	SAC	95-48-7
bis(2 Chloroisopropyl)ether	ND	ug/kg	330	07/01/98	SAC	39638-32
4-Methylphenol	ND	ug/kg	330	07/01/98	SAC	106 44 5
N Nitroso di-n-propylamine	ND	ug/kg	330	07/01/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/01/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/01/98	SAC	98 95-3
Isophorone	ND	ug/kg	330	07/01/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/01/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/01/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/01/98	SAC	65-85 0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/01/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/01/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/01/98	SAC	120 82 1
Naphthalene	ND	ug/kg	330	07/01/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/01/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/01/98	SAC	87 68 3
4 Chloro-3-methylphenol	ND	ug/kg	660	07/01/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/01/98	SAC	91-57-6

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Hexachlorocyclopentadiene	ND	ug/kg	330	07/01/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/01/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/01/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/01/98	SAC	131 11-3
Acenaphthylene	73	ug/kg	330	07/01/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	606 20-2
3-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/01/98	SAC	83 32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/01/98	SAC	51-28-5

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DATE: 07/20/98

PAGE: 22

Pace Project Number:
8089

Client Project ID:
10619-09

Pace Sample No: 10697068 Date Collected: 06/18/98
Matrix: Soil
Client Sample ID: TTBZ--2-10.0 Date Received: 06/22/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/01/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/01/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/01/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/01/98	SAC	84-66-2
4-Chlorophenyl phenylether	ND	ug/kg	330	07/01/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/01/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/01/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/01/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/01/98	SAC	86-30-6
4-Bromophenyl phenylether	ND	ug/kg	330	07/01/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/01/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/01/98	SAC	87-86-5
Phenanthrene	310	ug/kg	330	07/01/98	SAC	85-01-8
Anthracene	98	ug/kg	330	07/01/98	SAC	120-12-7
1						
Di-n-butylphthalate	ND	ug/kg	330	07/01/98	SAC	84-74-2
Fluoranthene	550	ug/kg	330	07/01/98	SAC	206-44-0
Pyrene	830	ug/kg	330	07/01/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/01/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/01/98	SAC	91-94-1
Benzo(a)anthracene	380	ug/kg	330	07/01/98	SAC	56-55-3
Chrysene	420	ug/kg	330	07/01/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	72	ug/kg	330	07/01/98	SAC	117-81-7
2						
Di-n-octylphthalate	ND	ug/kg	330	07/01/98	SAC	117-84-0
Benzo(b)fluoranthene	440	ug/kg	330	07/01/98	SAC	205-99-2
Benzo(k)fluoranthene	180	ug/kg	330	07/01/98	SAC	207-08-9
Benzo(a)pyrene	370	ug/kg	330	07/01/98	SAC	50-32-8

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Indeno(1,2,3-cd)pyrene	99	ug/kg	330	07/01/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/01/98	SAC	53-70-3
Benzo(g,h,i)perylene	94	ug/kg	330	07/01/98	SAC	191-24-2
Nitrobenzene-d5 (S)	57	%		07/01/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	61	%		07/01/98	SAC	321-60-8
Terphenyl-d14 (S)	63	%		07/01/98	SAC	1718-51-0
Phenol-d6 (S)	71	%		07/01/98	SAC	13127-88-
2-Fluorophenol (S)	64	%		07/01/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	56	%		07/01/98	SAC	118-79-6
Date Extracted				06/24/98		

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Pace Project Number:
108089

Client Project ID:
20619 09

ace Sample No: 10697076 Date Collected: 06/18/98
atrix: Soil
Client Sample ID: TTBY--2-10.0 Date Received: 06/22/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS# Footnotes
GC -- Semi-VOA						
PCBs in Soil, Low Level	Method: EPA 8080					Prep Method: EPA 3550
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/26/98	SJW	12674-11-2
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/26/98	SJW	11104-28-2
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/26/98	SJW	11141-16-5
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/26/98	SJW	53469-21-9
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/26/98	SJW	12672-29-6
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/26/98	SJW	11097-69-1
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/26/98	SJW	11096-82-5
Tetrachloro-meta-xylene (S)	104	%		06/26/98	SJW	877-09-8
Decachlorobiphenyl (S)	118	%		06/26/98	SJW	2051-24-3
Date Extracted				06/24/98		
GC/MS -- VOA						
GC/MS VOCs by 8260	Method: EPA 8260					Prep Method: EPA 5260
Dichlorodifluoromethane	ND	ug/kg	5	07/02/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/02/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/02/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/02/98	TAW	74-83-9

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Chloroethane	ND	ug/kg	5	07/02/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/02/98	TAW	75-69-4
Methylene Chloride	18	ug/kg	5	07/02/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/02/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/02/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/02/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/02/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/02/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/02/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/02/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/02/98	TAW	79-01-6
1,2 Dichloropropane	ND	ug/kg	5	07/02/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/02/98	TAW	75-27-4

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Pace Project Number:

108089

Client Project ID:

0619 09

ce Sample No: 10697076 Date Collected: 06/18/98
trix: Soil
Client Sample ID: TTBY -2-10.0 Date Received: 06/22/98

Parameters Notnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Dibromomethane	ND	ug/kg	5	07/02/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/02/98	TAW	108-88-3
1,1,2 Trichloroethane	ND	ug/kg	5	07/02/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/02/98	TAW	127-18-4
1,3-Dichloropropane	ND	ug/kg	5	07/02/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/02/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/02/98	TAW	106-93 4
Chlorobenzene	ND	ug/kg	5	07/02/98	TAW	108-90-7
1,1,1,2 Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/02/98	TAW	100-41-4
M&P Xylene	ND	ug/kg	5	07/02/98	TAW	7816-60 0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/02/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/02/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/02/98	TAW	75-25-2
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/02/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/02/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/02/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/02/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/02/98	TAW	103-65-1
2 Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/02/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/02/98	TAW	106-43-4
1,2,4 Trimethylbenzene	ND	ug/kg	5	07/02/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	135-98-8
tert Butylbenzene	ND	ug/kg	5	07/02/98	TAW	98 06 6
p-Isopropyltoluene	ND	ug/kg	5	07/02/98	TAW	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	541 73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/02/98	TAW	104-51-8
1,2 Dichlorobenzene	ND	ug/kg	5	07/02/98	TAW	95-50-1
1,2-Dibromo 3-Chloropropane	ND	ug/kg	5	07/02/98	TAW	96-12-8

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1,2,4-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/02/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/02/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/02/98	TAW	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061-02-6
cis-1,3-Dichloropropene	ND	ug/kg	5	07/02/98	TAW	10061-01-5
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/02/98	TAW	110-75-8
Acetone	6.8	ug/kg	20	07/02/98	TAW	67-64-1
2-Butanone	ND	ug/kg	10	07/02/98	TAW	78-93-3

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Pace Project Number:

v8089

Client Project ID:

0619-09

Pace Sample No: 10697076 Date Collected: 06/18/98

Matrix: Soil

Client Sample ID: TTBY--2-10.0 Date Received: 06/22/98

Parameters Qtnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Methyl-2-Pentanone	ND	ug/kg	10	07/02/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/02/98	TAW	75-15-0
2-Hexanone	ND	ug/kg	100	07/02/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/02/98	TAW	108-05-4
Methyl-tert butyl Ether	ND	ug/kg	5	07/02/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/02/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/02/98	TAW	108 20 3
Ethyl-tert-butyl ether	ND	ug/kg	5	07/02/98	TAW	637-92-3
tert Amylmethyl ether	ND	ug/kg	5	07/02/98	TAW	994-05-8
2-Methyl 2-propanol	ND	ug/kg	100	07/02/98	TAW	75-65-0
Dibromofluoromethane (S)	98	%		07/02/98	TAW	1868-53-7
Toluene d8 (S)	100	%		07/02/98	TAW	2037 26-5
4-Bromofluorobenzene (S)	98	%		07/02/98	TAW	460-00 4
1,2-Dichloroethane d4 (S)	104	%		07/02/98	TAW	17060-07-

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Pace Project Number:

108089

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30619-09

ARAMETER FOOTNOTES

ND Not Detected
NC Not Calculable
RL Pace Reporting Limit
(S) Surrogate
[1] Detected but below the PRL; therefore, result is an estimated concentration (CLP J-lag).
[2] Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
[3] Common laboratory contaminant.
[4] The following compounds were analyzed with a one point calibration: Ethyl-tert-butyl ether, Isopropyl Ether, tert-Amylmethyl ether, 3-Methyl-2-propanol and Ethanol
[5] This sample was analyzed 6 minutes past the 12hr tune time. The sample was reanalyzed at of holdtime to confirm the results.

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QUALITY CONTROL DATA

Pace Analytical Long Beach SC
18089
760 Gilman Street
980619-09
Long Beach, CA 90815

Pace Project Number:
Client Project ID:

Attn: Mr. Richard Villafania
Phone: (562)498-9515

QC Batch ID: 13758
Analysis Method: EPA 8270
QC Batch Method: EPA 3550
Analysis Description: Semivolatile Organics
Associated Pace Samples: 10697001 10697019 10697043 10697050 10697068

METHOD BLANK: 10699338
Associated Pace Samples:

	10697001	10697019	10697043	10697050	10697068
Parameter	Units	Method Blank Result	PRL	Footnotes	
Phenol	ug/kg	ND	330		
Bis(2-Chloroethyl)ether	ug/kg	ND	330		
2-Chlorophenol	ug/kg	ND	330		
1,3-Dichlorobenzene	ug/kg	ND	330		
1,4-Dichlorobenzene	ug/kg	ND	330		
Benzyl Alcohol	ug/kg	ND	660		
1,2-Dichlorobenzene	ug/kg	ND	330		
2-Methylphenol	ug/kg	ND	330		
Bis(2-Chloroisopropyl)ether	ug/kg	ND	330		
4-Methylphenol	ug/kg	ND	330		
N-Nitroso-di-n-propylamine	ug/kg	ND	330		
Hexachloroethane	ug/kg	ND	330		
Nitrobenzene	ug/kg	ND	330		
Isophorone	ug/kg	ND	330		
2-Nitrophenol	ug/kg	ND	330		
2,4-Dimethylphenol	ug/kg	ND	330		
Benzoic Acid	ug/kg	ND	1600		
Bis(2-Chloroethoxy)methane	ug/kg	ND	330		
2,4-Dichlorophenol	ug/kg	ND	330		

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1,2,4-Trichlorobenzene	ug/kg	ND	330
Naphthalene	ug/kg	ND	330
4-Chloroaniline	ug/kg	ND	660
Hexachlorobutadiene	ug/kg	ND	330
4-Chloro-3-methylphenol	ug/kg	ND	660
2-Methylnaphthalene	ug/kg	ND	330

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QUALITY CONTROL DATA

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Pace Project Number:

J38089

Client Project ID:

0619-09

METHOD BLANK: 10699338

Associated Pace Samples:

10697001 10697019 10697043 10697050 10697068

rameter	Units	Method Blank Result	PRL	Footnotes
xachlorocyclopentadiene	ug/kg	ND	330	
4,6-Trichlorophenol	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2-Chloronaphthalene	ug/kg	ND	330	
itroaniline	ug/kg	ND	1600	
methylphthalate	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
6-Dinitrotoluene	ug/kg	ND	330	
Nitroaniline	ug/kg	ND	1600	
Acenaphthene	ug/kg	ND	330	
4-Dinitrophenol	ug/kg	ND	1600	
Nitrophenol	ug/kg	ND	1600	
benzofuran	ug/kg	ND	330	
2,4-Dinitrotoluene	ug/kg	ND	330	
ethylphthalate	ug/kg	ND	330	
Chlorophenyl-phenylether	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
Nitroaniline	ug/kg	ND	1600	
,6-Dinitro-2-methylphenol	ug/kg	ND	1600	
N-Nitrosodiphenylamine	ug/kg	ND	330	
4-Bromophenyl-phenylether	ug/kg	ND	330	
exachlorobenzene	ug/kg	ND	330	
entachlorophenol	ug/kg	ND	1600	
Phenanthrene	ug/kg	ND	330	
nthracene	ug/kg	ND	330	
i-n-butylphthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
yrene	ug/kg	ND	330	
utylbenzylphthalate	ug/kg	ND	330	
3'-Dichlorobenzidine	ug/kg	ND	660	
zo(a)anthracene	ug/kg	ND	330	
hrysene	ug/kg	ND	330	

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[illegible](2 Ethylhexyl)phthalate	ug/kg	100	330	1	
D[illegible]-octylphthalate	ug/kg	ND	330		
Benzo(b)fluoranthene	ug/kg	ND	330		
[illegible]nzo(k)fluoranthene	ug/kg	ND	330		
L[illegible]nzo(a)pyrene	ug/kg	ND	330		
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330		

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Pace Project Number:

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Client Project ID:

0619-09

METHOD BLANK: 10699338
Associated Pace Samples:

10697001 10697019 10697043 10697050 10697068

Parameter	Units	Method Blank Result	PRL	Footnotes
benz(a,h)anthracene	ug/kg	ND	330	
nzo(g,h,i)perylene	ug/kg	ND	330	
Nitrobenzene-d5 (S)	%	68		
-Fluorobiphenyl (S)	%	70		
phenyl-d14 (S)	%	74		
enol-d6 (S)	%	78		
2-Fluorophenol (S)	%	67		
4,6-Tribromophenol (S)	%	66		

BORATORY CONTROL SAMPLE & LCSD: 10699346 10699353

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
enol	ug/kg	1667	1533	92.0	1450	87.0	6	
Chlorophenol	ug/kg	1667	1480	88.8	1400	84.0	6	
1,4 Dichlorobenzene	ug/kg	1667	1390	83.4	1340	80.4	4	
N-Nitroso-di-n-propylamine	ug/kg	1667	1480	88.8	1400	84.0	6	
2,4-Trichlorobenzene	ug/kg	1667	1293	77.6	1253	75.2	3	
Chloro-3-methylphenol	ug/kg	1667	1553	93.2	1487	89.2	4	
Acenaphthene	ug/kg	1667	1403	84.2	1397	83.8	0	
Nitrophenol	ug/kg	1667	1353	79.2	1230	73.8	3	
2,4-Dinitrotoluene	ug/kg	1667	1560	93.6	1517	91.0	3	
Pentachlorophenol	ug/kg	1667	1340	80.4	1330	79.8	1	
ene	ug/kg	1667	1480	88.8	1483	89.0	0	
Nitrobenzene-d5 (S)				79		75		
-Fluorobiphenyl (S)				75		75		

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? -phenyl-d14 (S)	85	

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QUALITY CONTROL DATA

TE: 07/20/98

Pace Analytical Long Beach SC
8089
60 Gilman Street
980619-09
ng Beach, CA 90815

Pace Project Number:

Client Project ID:

tn: Mr. Richard Villafania
one: (562)498-9515

Batch ID: 13760 QC Batch Method: EPA 3550
alysis Method: EPA 8080 Analysis Description: PCB's in Soil, Low Level
Associated Pace Samples: 10696987 10696995 10697027 10697035 10697076

METHOD BLANK: 10699395
sociated Pace Samples:
10696987 10696995 10697027 10697035 10697076

rameter	Units	Method Blank Result	PRL	Footnotes
PCB-1016 (Arochlor 1016)	mg/kg	ND	0.03	
B-1221 (Arochlor 1221)	mg/kg	ND	0.03	
B 1232 (Arochlor 1232)	mg/kg	ND	0.03	
PCB-1242 (Arochlor 1242)	mg/kg	ND	0.03	
B-1248 (Arochlor 1248)	mg/kg	ND	0.03	
B-1254 (Arochlor 1254)	mg/kg	ND	0.03	
PCB-1260 (Arochlor 1260)	mg/kg	ND	0.03	
Tetrachloro-meta-xylene (S)	%	72		
achlorobiphenyl (S)	%	78		

BORATORY CONTROL SAMPLE & LCSD: 10699403 10699411

rameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD
otnotes							
B-1016 (Arochlor 1016)	mg/kg	0.33	0.3011	90.3	0.3500	105	15

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1260 (Arochlor 1260)	mg/kg	0.33	0.2887	86.6	0.3308	2/2/05
achloro-meta-xylene (S)				92		109
ecachlorobiphenyl (S)				91		103

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Pace Project Number:

Client Project ID:

Fm: Mr. Richard Villafania
Phone: (562)498-9515

Batch ID: 14097
alysis Method: EPA 8260
Associated Pace Samples: 10697035 10697076

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260

METHOD BLANK: 10718906
sociated Pace Samples:

		10697035	10697076
rameter	Units	Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/kg	ND	5	
loromethane	ug/kg	ND	5	
nyl Chloride	ug/kg	ND	5	
Bromomethane	ug/kg	ND	5	
loroethane	ug/kg	ND	5	
richlorofluoromethane	ug/kg	ND	5	
Methylene Chloride	ug/kg	ND	5	
1-Dichloroethene	ug/kg	ND	5	
ans 1,2-Dichloroethene	ug/kg	ND	5	
1-Dichloroethane	ug/kg	ND	5	
2-Dichloropropane	ug/kg	ND	5	
s 1,2 Dichloroethene	ug/kg	ND	5	
loroform	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,1 Trichloroethane	ug/kg	ND	5	
rbon Tetrachloride	ug/kg	ND	5	
Dichloropropene	ug/kg	ND	5	
ene	ug/kg	ND	5	
2-Dichloroethane	ug/kg	ND	5	

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Chloroethene	ug/kg	ND	5
1,2-Dichloropropane	ug/kg	ND	5
Bromodichloromethane	ug/kg	ND	5
Dibromomethane	ug/kg	ND	5
Toluene	ug/kg	ND	5
1,1,2-Trichloroethane	ug/kg	ND	5

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QUALITY CONTROL DATA

Pace Project Number:
108089

Client Project ID:
30619-09

ETHOD BLANK: 10718906
ssociated Pace Samples:
10697035 10697076

Parameter	Units	Method Blank Result	PRL	Footnotes
etrachloroethene	ug/kg	ND	5	
,3 Dichloropropane	ug/kg	ND	5	
Dibromochloromethane	ug/kg	ND	5	
1 2 Dibromoethane	ug/kg	ND	5	
lorobenzene	ug/kg	ND	5	
1,1,1,2 Tetrachloroethane	ug/kg	ND	5	
Ethylbenzene	ug/kg	ND	5	
&P-Xylene	ug/kg	ND	5	
Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
romoform	ug/kg	ND	5	
sopropylbenzene (Cumene)	ug/kg	ND	5	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
,2,3-Trichloropropane	ug/kg	ND	5	
-Propylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
,3,5-Trimethylbenzene	ug/kg	ND	5	
Chlorotoluene	ug/kg	ND	5	
1,2,4-Trimethylbenzene	ug/kg	ND	5	
ec-Butylbenzene	ug/kg	ND	5	
ert-Butylbenzene	ug/kg	ND	5	
-Isopropyltoluene	ug/kg	ND	5	
1,3-Dichlorobenzene	ug/kg	ND	5	
,4 Dichlorobenzene	ug/kg	ND	5	
-Butylbenzene	ug/kg	ND	5	
1,2-Dichlorobenzene	ug/kg	ND	5	
,2 Dibromo-3-Chloropropane	ug/kg	ND	5	
,2,4-Trichlorobenzene	ug/kg	ND	5	
achlorobutadiene	ug/kg	ND	5	
aphthalene	ug/kg	ND	5	
,2,3-Trichlorobenzene	ug/kg	ND	5	

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rans-1,3-Dichloropropene	ug/kg	ND	5	
1,3-Dichloropropene	ug/kg	ND	5	
2-Chloroethyl Vinyl Ether	ug/kg	ND	5	
Acetone	ug/kg	5.0	20	1,2
2-Butanone	ug/kg	ND	10	
4 Methyl-2-Pentanone	ug/kg	ND	10	

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Pace Analytical

QUALITY CONTROL DATA

Pace Project Number:
00089

Client Project ID:
0619 09

METHOD BLANK: 10718906
Associated Pace Samples:
10697076

Parameter	Units	10697076 Method Blank Result	PRL	Footnotes
arbon Disulfide	ug/kg	ND	10	
Hexanone	ug/kg	ND	100	
Vinyl Acetate	ug/kg	ND	100	
Methyl-tert-butyl Ether	ug/kg	ND	5	
anol	ug/kg	ND	500	
sopropyl Ether	ug/kg	ND	5	
Ethyl-tert-butyl ether	ug/kg	ND	5	
ert-Amylmethyl ether	ug/kg	ND	5	
Methyl-2-propanol	ug/kg	ND	100	
Dibromofluoromethane (S)	%	96		
Toluene d8 (S)	%	98		
Bromofluorobenzene (S)	%	98		
1,2-Dichloroethane-d4 (S)	%	104		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10718948 10718955

Parameter	Units	10697076	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	% Rec	RPD	Footnotes
ichlorodifluoromethane	ug/kg	0	50	84.00	168	84.00	168	0	
Chloromethane	ug/kg	0	50	48.00	96.0	48.00	96.0	0	
inyl Chloride	ug/kg	0	50	54.00	108	55.00	110	2	
romethane	ug/kg	0	50	48.00	96.0	53.00	106	10	

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Chloroethane	ug/kg	0	50	51.00	102	55.00
10 8						
Trichlorofluoromethane	ug/kg	0	50	59.00	118	59.00
18 0						
Methylene Chloride	ug/kg	18.00	50	60.00	84.0	54.00
72.0 15						
1,1-Dichloroethene	ug/kg	0	50	55.00	110	56.00
12 2						
trans-1,2-Dichloroethene	ug/kg	0	50	54.00	108	54.00
108 0						
1,1-Dichloroethane	ug/kg	0	50	53.00	106	54.00
108 2						
2,2-Dichloropropane	ug/kg	0	50	50.00	100	50.00
10 0						
cis-1,2-Dichloroethene	ug/kg	0	50	49.00	98.0	49.00
98.0 0						
Chloroform	ug/kg	0	50	49.00	98.0	49.00
8.0 0						
Bromochloromethane	ug/kg	0	50	50.00	100	50.00
100 0						
1,1,1-Trichloroethane	ug/kg	0	50	50.00	100	51.00
12 2						
Carbon Tetrachloride	ug/kg	0	50	49.00	98.0	51.00
12 4						
1,1-Dichloropropene	ug/kg	0	50	54.00	108	55.00
110 2						
Benzene	ug/kg	0	50	52.00	104	52.00
0						
1,2 Dichloroethane	ug/kg	0	50	48.00	96.0	48.00
96.0 0						

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QUALITY CONTROL DATA

Pace Project Number:
J80089

Client Project ID:
.0619-09

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10718948 10718955

Parameter	Units	10697076	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	% RPD	Footnotes
ichloroethene	ug/kg	0	50	52.00	104	52.00	0	
104								
1,2-Dichloropropane	ug/kg	0	50	50.00	100	51.00	2	
romodichloromethane	ug/kg	0	50	49.00	98.0	49.00	0	
98.0								
bromomethane	ug/kg	0	50	48.00	96.0	49.00	2	
1.0								
Toluene	ug/kg	0	50	50.00	100	50.00	0	
100								
1,2 Trichloroethane	ug/kg	0	50	50.00	100	50.00	0	
100								
Tetrachloroethene	ug/kg	0	50	49.00	98.0	51.00	4	
02								
3-Dichloropropane	ug/kg	0	50	48.00	96.0	49.00	2	
98.0								
bromochloromethane	ug/kg	0	50	47.00	94.0	48.00	2	
1.0								
1,2-Dibromoethane	ug/kg	0	50	48.00	96.0	48.00	0	
96.0								
hlorobenzene	ug/kg	0	50	47.00	94.0	47.00	0	
1.0								
1,1,1,2 Tetrachloroethane	ug/kg	0	50	49.00	98.0	49.00	0	
8.0								
hylbenzene	ug/kg	0	50	49.00	98.0	49.00	0	
98.0								
M&P-Xylene	ug/kg	0	100	100.0	100	99.00	1	
9.0								
Xylene (1,2 Dimethylbenzene)	ug/kg	0	50	49.00	98.0	48.00	2	
0								

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Styrene	ug/kg	0	50	48.00	96.0	47.00
96.0 2						
Bromoform	ug/kg	0	50	47.00	94.0	47.00
94.0 0						
Isopropylbenzene (Cumene)	ug/kg	0	50	48.00	96.0	48.00
96.0 0						
1,1,2,2-Tetrachloroethane	ug/kg	0	50	44.00	88.0	44.00
88.0 0						
Bromobenzene	ug/kg	0	50	46.00	92.0	45.00
90.0 2						
1,2,3-Trichloropropane	ug/kg	0	50	46.00	92.0	47.00
94.0 2						
n-Propylbenzene	ug/kg	0	50	47.00	94.0	47.00
94.0 0						
2-Chlorotoluene	ug/kg	0	50	46.00	92.0	46.00
92.0 0						
1,3,5-Trimethylbenzene	ug/kg	0	50	46.00	92.0	46.00
92.0 0						
4-Chlorotoluene	ug/kg	0	50	45.00	90.0	45.00
90.0 0						
1,2,4-Trimethylbenzene	ug/kg	0	50	46.00	92.0	45.00
90.0 2						
sec-Butylbenzene	ug/kg	0	50	44.00	88.0	44.00
88.0 0						
tert-Butylbenzene	ug/kg	0	50	45.00	90.0	45.00
90.0 0						
p-Isopropyltoluene	ug/kg	0	50	45.00	90.0	45.00
90.0 0						
1,3-Dichlorobenzene	ug/kg	0	50	43.00	86.0	43.00
86.0 0						
1,4-Dichlorobenzene	ug/kg	0	50	43.00	86.0	42.00
84.0 2						
n-Butylbenzene	ug/kg	0	50	44.00	88.0	43.00
86.0 2						
1,2-Dichlorobenzene	ug/kg	0	50	43.00	86.0	43.00
86.0 0						
1,2-Dibromo-3-Chloropropane	ug/kg	0	50	45.00	90.0	44.00
88.0 2						
1,2,4-Trichlorobenzene	ug/kg	0	50	39.00	78.0	36.00
72.0 8						
Hexachlorobutadiene	ug/kg	0	50	35.00	70.0	35.00
70.0 0						
Naphthalene	ug/kg	0	50	41.00	82.0	39.00
78.0 5						
1,2,3-Trichlorobenzene	ug/kg	0	50	37.00	74.0	35.00
70.0 6						
trans-1,3-Dichloropropene	ug/kg	0	50	50.00	100	49.00
98.0 2						
cis-1,3-Dichloropropene	ug/kg	0	50	50.00	100	50.00
100 0						
Dibromofluoromethane (S)					96	
98						

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QUALITY CONTROL DATA

Pace Project Number:

38089

Client Project ID:

0619-09

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10718948 10718955

Parameter	Units	10697076	Matrix Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	% Rec	RPD	Footnotes
Toluene d8 (S)					96		96		
4-Bromofluorobenzene (S)					98				
1,2 Dichloroethane-d4 (S)					94		96		

LABORATORY CONTROL SAMPLE: 10718914

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	50	55.00	110	
Chloromethane	ug/kg	50	46.00	92.0	
Vinyl Chloride	ug/kg	50	55.00	110	
Bromomethane	ug/kg	50	54.00	108	
Chloroethane	ug/kg	50	58.00	116	
Trichlorofluoromethane	ug/kg	50	60.00	120	
Methylene Chloride	ug/kg	50	59.00	118	
1,1-Dichloroethene	ug/kg	50	55.00	110	
trans-1,2 Dichloroethene	ug/kg	50	55.00	110	
1,1-Dichloroethane	ug/kg	50	55.00	110	
2,2-Dichloropropane	ug/kg	50	56.00	112	
cis 1,2 Dichloroethene	ug/kg	50	55.00	110	
Chloroform	ug/kg	50	56.00	112	
Bromochloromethane	ug/kg	50	57.00	114	
1,1,1-Trichloroethane	ug/kg	50	56.00	112	
Carbon Tetrachloride	ug/kg	50	56.00	112	
1,1-Dichloropropene	ug/kg	50	57.00	114	
Benzene	ug/kg	50	57.00	114	

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1,2-Dichloroethane	ug/kg	50	56.00	112
Trichloroethene	ug/kg	50	56.00	112
1,2-Dichloropropane	ug/kg	50	56.00	112
Bromodichloromethane	ug/kg	50	57.00	114
Dibromomethane	ug/kg	50	57.00	114
Toluene	ug/kg	50	55.00	110
1,1,2-Trichloroethane	ug/kg	50	57.00	114
Tetrachloroethene	ug/kg	50	58.00	116
1,3-Dichloropropane	ug/kg	50	58.00	116
Dibromochloromethane	ug/kg	50	57.00	114
1,2-Dibromoethane	ug/kg	50	56.00	112
Chlorobenzene	ug/kg	50	55.00	110
1,1,1,2-Tetrachloroethane	ug/kg	50	57.00	114
Ethylbenzene	ug/kg	50	57.00	114

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QUALITY CONTROL DATA

DATE: 07/20/98

Pace Project Number:
18089

Client Project ID:
0619-09

LABORATORY CONTROL SAMPLE: 10718914

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
m&P-Xylene	ug/kg	100	120.0	120	
o-Xylene (1,2-Dimethylbenzene)	ug/kg	50	57.00	114	
Styrene	ug/kg	50	57.00	114	
Bromoform	ug/kg	50	57.00	114	
Isopropylbenzene (Cumene)	ug/kg	50	56.00	112	
1,1,2,2-Tetrachloroethane	ug/kg	50	56.00	112	
Bromobenzene	ug/kg	50	57.00	114	
1,2,3-Trichloropropane	ug/kg	50	57.00	114	
n-Propylbenzene	ug/kg	50	58.00	116	
2-Chlorotoluene	ug/kg	50	58.00	116	
1,3,5-Trimethylbenzene	ug/kg	50	58.00	116	
4-Chlorotoluene	ug/kg	50	58.00	116	
1,2,4-Trimethylbenzene	ug/kg	50	57.00	114	
sec-Butylbenzene	ug/kg	50	57.00	114	
tert-Butylbenzene	ug/kg	50	56.00	112	
p-Isopropyltoluene	ug/kg	50	57.00	114	
1,3-Dichlorobenzene	ug/kg	50	57.00	114	
1,4-Dichlorobenzene	ug/kg	50	56.00	112	
n-Butylbenzene	ug/kg	50	58.00	116	
1,2-Dichlorobenzene	ug/kg	50	56.00	112	
1,2-Dibromo-3-Chloropropane	ug/kg	50	56.00	112	
1,2,4-Trichlorobenzene	ug/kg	50	56.00	112	
Hexachlorobutadiene	ug/kg	50	57.00	114	
Naphthalene	ug/kg	50	54.00	108	
1,2,3-Trichlorobenzene	ug/kg	50	54.00	108	
trans-1,3 Dichloropropene	ug/kg	50	57.00	114	
cis-1,3-Dichloropropene	ug/kg	50	57.00	114	
Dibromofluoromethane (S)				104	
Toluene d8 (S)				104	
4-Bromofluorobenzene (S)				120	
1,2-Dichloroethane-d4 (S)				104	

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QUALITY CONTROL DATA

Pace Analytical Long Beach SC
8089
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Pace Project Number:

Client Project ID:

tn: Mr. Richard Villafana
one: (562)498-9515

Batch ID: 14545
alysis Method: EPA 8260
Associated Pace Samples: 10696987 10696995 10697027

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260

METHOD BLANK: 10737351
sociated Pace Samples:

		10696987	10696995	10697027
rameter	Units	Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/kg	ND	5	
loromethane	ug/kg	ND	5	
nyl Chloride	ug/kg	ND	5	
Bromomethane	ug/kg	ND	5	
hloroethane	ug/kg	ND	5	
richlorofluoromethane	ug/kg	ND	5	
Methylene Chloride	ug/kg	ND	5	
1,1-Dichloroethene	ug/kg	ND	5	
ans 1,2-Dichloroethene	ug/kg	ND	5	
1-Dichloroethane	ug/kg	ND	5	
2,2-Dichloropropane	ug/kg	ND	5	
s 1,2-Dichloroethene	ug/kg	ND	5	
loroform	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,1,1-Trichloroethane	ug/kg	ND	5	
rbon Tetrachloride	ug/kg	ND	5	
-Dichloropropene	ug/kg	ND	5	
Benzene	ug/kg	ND	5	
2-Dichloroethane	ug/kg	ND	5	

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ichloroethene	ug/kg	ND	5
Dichloropropane	ug/kg	ND	5
Bromodichloromethane	ug/kg	ND	5
bromomethane	ug/kg	ND	5
luene	ug/kg	ND	5
1,1,2-Trichloroethane	ug/kg	ND	5

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QUALITY CONTROL DATA

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Pace Project Number:

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Client Project ID:

0619-09

METHOD BLANK: 10737351
Associated Pace Samples:

10696987 10696995 10697027

Parameter	Units	Method Blank Result	PRL	Footnotes
Tetrachloroethene	ug/kg	ND	5	
1,3-Dichloropropane	ug/kg	ND	5	
Dibromochloromethane	ug/kg	ND	5	
1,2-Dibromoethane	ug/kg	ND	5	
Chlorobenzene	ug/kg	ND	5	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5	
Ethylbenzene	ug/kg	ND	5	
m&p-Xylene	ug/kg	ND	5	
o-Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
Bromoform	ug/kg	ND	5	
Isopropylbenzene (Cumene)	ug/kg	ND	5	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
1,2,3-Trichloropropane	ug/kg	ND	5	
n-Propylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
1,3,5-Trimethylbenzene	ug/kg	ND	5	
4-Chlorotoluene	ug/kg	ND	5	
1,2,4-Trimethylbenzene	ug/kg	ND	5	
sec-Butylbenzene	ug/kg	ND	5	
tert-Butylbenzene	ug/kg	ND	5	
p-Isopropyltoluene	ug/kg	ND	5	
1,3-Dichlorobenzene	ug/kg	ND	5	
1,4-Dichlorobenzene	ug/kg	ND	5	
n-Butylbenzene	ug/kg	ND	5	
1,2-Dichlorobenzene	ug/kg	ND	5	
1,2-Dibromo-3-Chloropropane	ug/kg	ND	5	
1,2,4 Trichlorobenzene	ug/kg	ND	5	
Hexachlorobutadiene	ug/kg	ND	5	
Naphthalene	ug/kg	6.0	5	
1,2,3 Trichlorobenzene	ug/kg	ND	5	

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rans-1,3-Dichloropropene	ug/kg	ND	5	
1,3-Dichloropropene	ug/kg	ND	5	
2-Chloroethyl Vinyl Ether	ug/kg	ND	5	
cetone	ug/kg	16	20	1,2
Butanone	ug/kg	ND	10	
4-Methyl-2-Pentanone	ug/kg	ND	10	

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QUALITY CONTROL DATA

Pace Project Number:

08089

Client. Project ID:

30619-09

METHOD BLANK: 10737361
ssociated Pace Samples:

		10696987	10696995	10697027	
Parameter	Units		Method Blank Result	PRL	Footnotes
Carbon Disulfide	ug/kg		ND	10	
2-Hexanone	ug/kg		ND	100	
Vinyl Acetate	ug/kg		ND	100	
Methyl-tert-butyl Ether	ug/kg		ND	5	
anol	ug/kg		ND	500	
sopropyl Ether	ug/kg		ND	5	
Ethyl-tert-butyl ether	ug/kg		ND	5	
ert-Amylmethyl ether	ug/kg		ND	5	
4-Methyl 2 propanol	ug/kg		ND	100	
Dibromofluoromethane (S)	%		102		
Toluene-d8 (S)	%		84		
4-Bromofluorobenzene (S)	%		82		3
1,2 Dichloroethane-d4 (S)	%		88		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10737377 10737385

Parameter	Units	10723393	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	%
Dichlorodifluoromethane	ug/kg	0	50	40.00	80.0	37.00	
4.0 8							
Chloromethane	ug/kg	0	50	42.00	84.0	45.00	
90.0 7							
Vinyl Chloride	ug/kg	0	50	55.00	110	66.00	
18							
Bromomethane	ug/kg	0	50	2.300	4.60	8.600	
7.2 116							

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Chloroethane	ug/kg	0	50	75.00	150	
40						
Trichlorofluoromethane	ug/kg	0	50	110.0	220	99.00
98 11						
Methylene Chloride	ug/kg	0	50	56.00	112	55.00
110 2						
1,1-Dichloroethene	ug/kg	0	50	54.00	108	54.00
98 0						
trans 1,2 Dichloroethene	ug/kg	0	50	50.00	100	48.00
96.0 4						
1,1-Dichloroethane	ug/kg	0	50	54.00	108	52.00
04 4						
2,2-Dichloropropane	ug/kg	0	50	51.00	102	47.00
4.0 8						
cis 1,2 Dichloroethene	ug/kg	0	50	53.00	106	51.00
102 4						
Chloroform	ug/kg	0	50	55.00	110	54.00
08 2						
Bromochloromethane	ug/kg	0	50	59.00	118	58.00
116 2						
1,1,1-Trichloroethane	ug/kg	0	50	55.00	110	53.00
06 4						
Carbon Tetrachloride	ug/kg	0	50	56.00	112	54.00
108 4						
1,1-Dichloropropene	ug/kg	0	50	52.00	104	52.00
104 0						
Benzene	ug/kg	0	50	52.00	104	56.00
7						
1,2 Dichloroethane	ug/kg	0	50	52.00	104	49.00
98.0 6						

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QUALITY CONTROL DATA

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Pace Project Number:

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Client Project ID:

70619-09

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10737377 10737385

Parameter	Units	10723393	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	% RPD	Footnotes
Trichloroethene	ug/kg	0	50	49.00	98.0	51.00	4	
1,2-Dichloropropane	ug/kg	0	50	54.00	108	55.00	2	
Bromodichloromethane	ug/kg	0	50	55.00	110	53.00	4	
Dibromomethane	ug/kg	0	50	55.00	110	54.00	2	
Toluene	ug/kg	0	50	53.00	106	58.00	9	
1,1,2-Trichloroethane	ug/kg	0	50	55.00	110	58.00	5	
Tetrachloroethene	ug/kg	0	50	63.00	126	68.00	8	
1,3-Dichloropropane	ug/kg	0	50	69.00	138	71.00	3	
Dibromochloromethane	ug/kg	0	50	72.00	144	77.00	7	
1,2-Dibromoethane	ug/kg	0	50	53.00	106	57.00	7	
Chlorobenzene	ug/kg	0	50	50.00	100	53.00	6	
1,1,1,2-Tetrachloroethane	ug/kg	0	50	56.00	112	60.00	7	
Ethylbenzene	ug/kg	0	50	49.00	98.0	52.00	6	
M&P Xylene	ug/kg	0	100	41.00	41.0	44.00	7	
o-Xylene (1,2-Dimethylbenzene)	ug/kg	0	50	45.00	90.0	48.00	6	

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Styrene	ug/kg	0	50	44.00	88	
5. 4						
Bromoform	ug/kg	0	50	50.00	100	53.00
6 6						
Isopropylbenzene (Cumene)	ug/kg	0	50	46.00	92.0	50.00
100 8						
1,1,2,2-Tetrachloroethane	ug/kg	0	50	76.00	152	78.00
6 3						
Bromobenzene	ug/kg	0	50	63.00	126	66.00
132 5						
1,2,3-Trichloropropane	ug/kg	0	50	72.00	144	75.00
0 4						
n-Propylbenzene	ug/kg	0	50	49.00	98.0	52.00
4 6						
2-Chlorotoluene	ug/kg	0	50	50.00	100	54.00
108 8						
1,3,5-Trimethylbenzene	ug/kg	0	50	50.00	100	52.00
4 4						
4-Chlorotoluene	ug/kg	0	50	45.00	90.0	46.00
92.0 2						
tert-Butylbenzene	ug/kg	0	50	47.00	94.0	52.00
4 10						
sec-Butylbenzene	ug/kg	0	50	49.00	98.0	52.00
104 6						
4-tert-Butylbenzene	ug/kg	0	50	50.00	100	57.00
114 13						
p-Isopropyltoluene	ug/kg	0	50	50.00	100	52.00
4						
1,2-Dichlorobenzene	ug/kg	0	50	48.00	96.0	53.00
106 10						
1,4-Dichlorobenzene	ug/kg	0	50	47.00	94.0	51.00
2 8						
n-Butylbenzene	ug/kg	0	50	44.00	88.0	47.00
94.0 7						
1,2-Dichlorobenzene	ug/kg	0	50	50.00	100	53.00
6 6						
1,2-Dibromo-3-Chloropropane	ug/kg	0	50	77.00	154	91.00
12 17						
1,2,4-Trichlorobenzene	ug/kg	0	50	38.00	76.0	45.00
90.0 17						
Hexachlorobutadiene	ug/kg	0	50	45.00	90.0	49.00
8.0 9						
Naphthalene	ug/kg	5.600	50	41.00	70.8	56.00
101 35						
1,2,3-Trichlorobenzene	ug/kg	0	50	37.00	74.0	44.00
8.0 17						
trans-1,3-Dichloropropene	ug/kg	0	50	43.00	86.0	45.00
90.0 5						
cis 1,3 Dichloropropene	ug/kg	0	50	59.00	118	61.00
122 3						
Dibromofluoromethane (S)					104	
4						

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QUALITY CONTROL DATA

DATE: 07/20/98

Pace Project Number:

8089

Client Project ID:

70619-09

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10737377 10737385

Parameter	Units	10723393	Matrix Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	% RPD	Footnotes
Toluene-d8 (S)					94			
4-Bromofluorobenzene (S)					82			
1,2-Dichloroethane-d4 (S)					94			

LABORATORY CONTROL SAMPLE: 10737369

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	50	31.00	62.0	
Chloromethane	ug/kg	50	38.00	76.0	
Vinyl Chloride	ug/kg	50	51.00	102	
Bromomethane	ug/kg	50	7.200	14.4	4
Chloroethane	ug/kg	50	45.00	90.0	
Trichlorofluoromethane	ug/kg	50	87.00	174	
Methylene Chloride	ug/kg	50	47.00	94.0	
1,1-Dichloroethene	ug/kg	50	48.00	96.0	
Trans 1,2 Dichloroethene	ug/kg	50	43.00	86.0	
1,1-Dichloroethane	ug/kg	50	43.00	86.0	
1,2-Dichloropropane	ug/kg	50	44.00	88.0	
Cis 1,2 Dichloroethene	ug/kg	50	46.00	92.0	
Chloroform	ug/kg	50	45.00	90.0	
Bromochloromethane	ug/kg	50	51.00	102	
1,1,1-Trichloroethane	ug/kg	50	45.00	90.0	
Carbon Tetrachloride	ug/kg	50	47.00	94.0	
1,2 Dichloropropene	ug/kg	50	49.00	98.0	
Benzene	ug/kg	50	48.00	96.0	

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

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2-Dichloroethane	ug/kg	50	43.00	86.0
hloroethene	ug/kg	50	48.00	96.0
2 Dichloropropane	ug/kg	50	47.00	94.0
omodichloromethane	ug/kg	50	47.00	94.0
bromomethane	ug/kg	50	46.00	92.0
Toluene	ug/kg	50	49.00	98.0
1,2-Trichloroethane	ug/kg	50	49.00	98.0
trachloroethene	ug/kg	50	59.00	118
3 Dichloropropane	ug/kg	50	57.00	114
Dibromochloromethane	ug/kg	50	61.00	122
2-Dibromoethane	ug/kg	50	51.00	102
lorobenzene	ug/kg	50	47.00	94.0
1,1,1,2-Tetrachloroethane	ug/kg	50	50.00	100
hylbenzene	ug/kg	50	45.00	90.0

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Pace Project Number:

38089

Client Project ID:

0619-09

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND Not Detected

NC Not Calculable

PRL Pace Reporting Limit

RPD Relative Percent Difference

S Surrogate

[1] Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

Common laboratory contaminant.

The following compounds were analyzed with a one point calibration: Ethyl-tert-butyl ether, Isopropyl Ether,
tert-Amylmethyl ether, 3-Methyl 2-propanol and Ethanol

[1] The initial calibration for this compound was outside the method control limits. The result for this compound should
be considered an estimate.

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CHAIN-OF-CUSTODY RECORD
Analytical Request

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ent PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
ress 1320 W. WINTON AVE	Bill To: SAME		Pace Project Manager
HAYWARD CA. 94545	P.O. # / Billing Reference 86001TBT		Pace Project No.
one 510 785 1111	Project Name / No. CALTRANS TBT		*Requested Due Date: 7/3/98

mpled By (PRINT): CHRIS MERRITT

mpler Signature: CHRIS MERRITT — Date Sampled: 6/18/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	4020	8260	8270	8080	REMARKS
TTBZ-2-5.0	1335			1						X	X	X		X		
TTBZ-2-10.0	1340			1						X	X	X		X		
TTBZ-2-15.0	1345			1						X	X	X		X		
TTBY-2-5	1358			1						X	X		X		X	
TTBY-2-3.0	1401			1						X	X		X		X	
TTBY-2-5.0	1401			1						X	X		X		X	
TTBY-2-10.0	1405			1						X	X		X		X	
TTBY-2-15.0	1412			1						X	X		X		X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
FEDEX	804832270752	6/18/98	1

tional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FED EX	6/18/98	
				Hung Lam / Pace	6/19/98	900

SAMPLE CONDITION

Temp: 2.5 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

1545 OH
98619-09

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86-001 TBT		Pace Project No.
	Project Name / No.: CALTRANS TBT		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT Date Sampled: 6/18/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-S	CAM 17	8020	8260	8270	8080	REMARKS
TTBBB-1-15.0	1250	SOIL		1						X	X	X	X			
TTBAA-1-5	1302			1						X	X	X	X			
TTBAA-1-3.0	1305			1						X	X	X	X			
TTBAA-1-5.0	1305			1						X	X	X	X			
TTBAA-1-10.0	1307			1						X	X	X	X			
TTBAA-1-15.0	1316			1						X	X	X	X			
TTBZ-2-5	1333			1						X	X	X	X			
TTBZ-2-3.0	1335			1						X	X	X	X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/19/98	1600	FEDEX	6/19/98	

SAMPLE CONDITION

Temp ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Company: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager:
Phone: 510-785-1111	P.O. # / Billing Reference: 8G001 TBT		Pace Project No.
	Project Name / No.: CALTRANS TBT		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 6/18/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	8015 CAM 17	8020	8260	8270	8040	REMARKS
TTBAA-2-3.0	1056	Soil		1						X	X		X		X	
TTBAA-2-5.0	1056			1						X	X		X		X	
TTBAA-2-10.0	1100			1						X	X		X		X	
TTBAA-2-15.0	1124			1						X	X		X		X	
TTBBB-1-5	1240			1						X	X	X		X		
TTBBB-1-8.0	1242			1						X	X	X		X		
TTBBB-1-5.0	1242			1						X	X	X		X		
TTBBB-1-10.0	1245	↓		1						X	X	X		X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FED EX	6/18/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Company: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 46001 TBT		Pace Project No.
	Project Name / No.: CALTRANS TBT		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT — Date Sampled: 6/18/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM17	8020	8260	8270	8080 PCB					REMARKS
TTB17-1-5	0812	SOIL		1						X	X	X		X						
TTB17-1-3.0	0815			1						X	X	X		X						
TTB17-1-5.0	0816			1						X	X	X		X						
TTB17-1-10.0	0819			1						X	X	X		X						
TTB17-2-5	0836			1						X	X		X		X					
TTB17-2-3.0	0839			1						X	X		X		X					
TTB17-2-5.0	0851			1						X	X		X		X					
TTB17-2-10.0	0844			1						X	X		X		X					

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FED EX	6/18/98	

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Company: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 46001 TBT		Pace Project No.
	Project Name / No.: CALTRANS TBT		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT Date Sampled: 6/18/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	CAM 17	8021	8260	8270	8080	REMARKS
TTBDD-2-5.0	0941	SOIL		1						X	X		X		X	
TTBDD-2-10.0	0946			1						X	X		X		X	
TTBDD-2-15.0	0956			1						X	X		X		X	ARCHIVE
TTBCC-1-5	1011			1						X	X	X		X		
TTBCC-1-3.0	1013			1						X	X	X		X		
TTBCC-1-5.0	1014			1						X	X	X		X		
TTBCC-1-10.0	1019			1						X	X	X		X		
TTBAA-2-5	1053			1						X	X		X		X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FED EX	6/18/98	

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: P&I	Report to: FRANK POSS
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME
Phone: 510 785-1111	P.O. # / Billing Reference: 46001 TBT
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/18/98

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [x] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSIS REQUEST: TPH-5	CAM17	8020	8260	8270	8040	REMARKS
1	TTB17-2-15.0	0854	Soil		1						X	X	X	X			
2	TTBCC-2-5	0916			1						X	X	X	X			
3	TTBCC-2-3.0	0918			1						X	X	X	X			
4	TTBCC-2-5.0	0919			1						X	X	X	X			
5	TTBCC-2-10.0	0921			1						X	X	X	X			
6	~~XXXXXXXXXX~~	0925	X		X		X	X			X	X	X	X	X	X	
7	TTBDD-2-5	0938			1						X	X	X	X			
8	TTBDD-2-3.0	0940									X	X	X	X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	CHRIS MERRITT	6/18/98	1600	FED EX	6/19/98	

SAMPLE CONDITION

Temp: ___ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI ~~1320~~	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To:		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference		Pace Project No.
	Project Name / No.		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: SAME
Date Sampled: 6/18/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 3	CAM 17	8020	8260	8270	5081	REMARKS
TTB17-1-15.0		SOIL								X	X	X	X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FED EX	6/18/98	

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785 1111	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date: 7/3/98
Sampler Signature: CHRIS MERRITT Date Sampled: 6/18/98			

Rushes are by 6/26

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	6020	8260	8270	8080	REMARKS
1	TTBZ-2-5.0	1335			1						X	X	X		X		
2	TTBZ-2-10.0	1340			1						X	X	X		X		RUSH ARCHIVE
3	TTBZ-2-15.0	1345			1						X	X	X		X		
4	TTBY-2-5	1358			1						X	X		X		X	
5	TTBY-2-3.0	1401			1						X	X		X		X	
6	TTBY-2-5.0	1401			1						X	X		X		X	
7	TTBY-2-10.0	1405			1						X	X		X		X	RUSH ARCHIVE
8	TTBY-2-15.0	1412			1						X	X		X		X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
fedex	804837270752	6/18/98	1

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FED EX	6/18/98	
				Hung Lam / Pace	6/19/98	900

SAMPLE CONDITION

Temp: 2.5 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1326 W. WINTON AVE. HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86-001 TBT		Pace Project No.
Sampler(s) By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date:
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/18/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSIS REQUEST: TPH-5	OAM-17	8020	8260	8270	8080	REMARKS
1	TTBBB-1-15.0	1250	SOIL		1						X	X	X	X			ARCHIVE
2	TTBAA-1-5	1302			1						X	X	X	X			
3	TTBAA-1-3.0	1305			1						X	X	X	X			
4	TTBAA-1-5.0	1305			1						X	X	X	X			
5	TTBAA-1-10.0	1307			1						X	X	X	X			RUSH ARCHIVE
6	TTBAA-1-15.0	1316			1						X	X	X	X			
7	TTBZ-2-5	1333			1						X	X	X	X			
8	TTBZ-2-3.0	1335			1						X	X	X	X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/19/98	1600	FEDEX	6/20/98	

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510-785-1111	P.O. # / Billing Reference: 8G001 TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date:
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/18/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PAGE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	8015 CAM 17	6020	8260	8270	8080	REMARKS
1	TTBAA-2-3.0	1056	Soil		1						X	X		X		X	
2	TTBAA-2-5.0	1056			1						X	X		X		X	
3	TTBAA-2-10.0	1100			1						X	X		X		X	RUSH
4	TTBAA-2-15.0	1120			1						X	X		X		X	ARCHIVE
5	TTBBB-1-5	1240			1						X	X	X		X		
6	TTBBB-1-8.0	1242			1						X	X	X		X		
7	TTBBB-1-5.0	1242			1						X	X	X		X		
8	TTBBB-1-10.0	1245			1						X	X	X		X		RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FEDEX	6/18/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 96001 TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date:
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/18/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM17	8020	4260	8270	8080 PCB	REMARKS
1	TTB17-1-5	0812	SOIL		1						X	X	X		X		
2	TTB17-1-3.0	0815			1						X	X	X		X		
3	TTB17-1-5.0	0816			1						X	X	X		X		
4	TTB17-1-10.0	0819			1						X	X	X		X		RUSH
5	TTB17-2-5	0836			1						X	X		X		X	
6	TTB17-2-3.0	0839			1						X	X		X		X	
7	TTB17-2-5.0	0837			1						X	X		X		X	
8	TTB17-2-10.0	0841			1						X	X		X		X	RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FED EX	6/18/98	

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 46001 TBT		Pace Project No.
	Project Name / No.: CALTRANS TBT		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT

Date Sampled: 6/18/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	CAM II	8021	8260	8270	8080	REMARKS
1	TTBDD-2-5.0	0941	SOIL		1						X	X		X		X	
2	TTBDD-2-10.0	0946			1						X	X		X		X	RUSH
3	TTBDD-2-15.0	0956			1						X	X		X		X	ARCHIVE
4	TTBCC-1-5	1011			1						X	X	X		X		
5	TTBCC-1-3.0	1013			1						X	X	X		X		
6	TTBCC-1-5.0	1014			1						X	X	X		X		RUSH
7	TTBCC-1-10.0	1019			1						X	X	X		X		ARCHIVE
8	TTBAA-2-5	1053			1						X	X		X		X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FED EX	6/19/98	

SAMPLE CONDITION

Temp: ___ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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423465

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 46001 TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date:
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/18/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020	8260	8270	8080	REMARKS
1	TTB17-2-15.0	0854	Soil		1						X	X	X		X		ARCHIVE
2	TTBCC-2-5	0916			1						X	X	X		X		
3	TTBCC-2-3.0	0918			1						X	X	X		X		
4	TTBCC-2-5.0	0919			1						X	X	X		X		RUSH
5	TTBCC-2-10.0	0921			1						X	X	X		X		ARCHIVE
6	~~XXXXXXXXXX~~	~~0925~~															
7	TTBDD-2-5	0938			1						X	X	X		X		
8	TTBDD-2-3.0	0940									X	X	X		X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FED EX	6/19/98	

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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980619-09

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI ~~EFE~~	Report to: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To:		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.		*Requested Due Date:
Sampler Signature: SAME	Date Sampled: 6/18/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	PRESERVATIVES H_2SO_4	PRESERVATIVES HNO_3	PRESERVATIVES VOA (HCL)	PRESERVATIVES NaOH	ANALYSES REQUEST: TPH 3	CAM 17	8020	8260	8270	8040	REMARKS
1	TTB17-1-15.0		SOIL								X	X	X		X		ARCHIVE
2																	
3																	
4																	
5																	
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FED EX	6/18/98	

SAMPLE CONDITION

Temp. °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665545 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: 078-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/10/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/10/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/10/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/10/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/10/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/10/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/10/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/10/98	SAC	208-96-8		U
Anthracene	trace	ug/kg	330	38.787	06/10/98	SAC	120-12-7	1	J
Benzo(a)anthracene	trace	ug/kg	330	39.830	06/10/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	330	36.245	06/10/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	trace	ug/kg	330	71.700	06/10/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/10/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/10/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/10/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/10/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/10/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	29.579	06/10/98	SAC	111-44 4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/10/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/10/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/10/98	SAC	85 68-7		U
Chrysene	trace	ug/kg	330	49.277	06/10/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/10/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/10/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-6400
Fax: 612 607 6444

Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10065545 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D79-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/10/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/10/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/10/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/10/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	330	40.659	06/10/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	330	39.123	06/10/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/10/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/10/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/10/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/10/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/10/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/10/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/10/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/10/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/10/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/10/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/10/98	SAC	87-86-5		U
Phenanthrene	590	ug/kg	330	39.453	06/10/98	SAC	85-01-8		
Phenol	trace	ug/kg	330	49.142	06/10/98	SAC	108-95-2	1	J
Pyrene	trace	ug/kg	330	34.334	06/10/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	56	%		*	06/10/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	85	%		*	06/10/98	SAC	321-60-8		
2-Fluorophenol (S)	81	%		*	06/10/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	82	%		*	06/10/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980602-03
PACE ANALYTICAL WO#:13341A
Client ID#:8G001 SPW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/02/98		06/02/98	06/02/98			
TPH-Speciation	112	80-120	123	124	70-130	0.8	0-30

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/03/98		06/03/98	06/03/98			
TPH-Speciation	119	80-120	130	123	70-130	5.5	0-30

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/04/98		06/04/98	06/04/98			
TPH-Speciation	91	80-120	84	77	70-130	8.7	0-30

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/08/98		06/08/98	06/08/98			
TPH-Speciation	106	80-120	111	130	70-130	16	0-30

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562 498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 980802-03
PACE ANALYTICAL WO#:13341A
Client ID#:8G001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	D75-S	D75-3.0	D77-S	D77-3.0	D78-S	D78-3.0	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	06/02/98	06/02/98	06/02/98	06/02/98	06/02/98	06/02/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	95	104	103	101	102	99	59-134

Client ID:	D25-S	D27-S	B10-S	B10-3.0	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	06/02/98	06/02/98	06/02/98	06/02/98	06/02/98	
Analyte						
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	
Surrogate Recovery %:						Acceptable Range:
a,a,a-Trifluorotoluene	71	93	102	103	101	59-134

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597 0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location: WEST APPROACH

PACE ANALYTICAL Project #: 980602-03
PACE ANALYTICAL WO #: 13341A
Client ID #: 8G001 SFW

Date: 6/24/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/01/98 and received on 06/02/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TPH-Speciation (Soil)	2-3
BTEX (Soil)	4-6
CCR Metals (Soil)	7-12
List of Abbreviations and Definitions	13

In addition the analysis for 8270, 8260 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by:
Richard Villafana, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1229.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980002-03
PACE ANALYTICAL WO#:13341A
Client ID#:SG001 SFW

Analyst: RC/WK
Preparation Analyst: RG/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	06/02/98	<10	---	10	1
B9-3.0	06/02/98	<10	---	10	1
D71-3.0	06/03/98	<10	---	10	1
D75-S	06/03/98	<10	---	10	1
D75-3.0	06/03/98	<10	---	10	1
D76-S	06/03/98	<10	---	10	1
D76-3.0	06/03/98	<10	---	10	1
D77-S	06/03/98	<10	---	10	1
D77-3.0	06/03/98	<10	---	10	1
D78-S	06/03/98	<10	---	10	1
D78-3.0	06/03/98	<10	---	10	1
D26-S	06/04/98	70	C20-C36 Oil	10	1
D26-2.0	06/04/98	90	C20-C40 Oil	10	1
D27-S	06/04/98	170	C18-C40 Oil	10	1
D28-S	06/04/98	100	C20-C40 Oil	10	1
D25-S	06/04/98	260	C18-C40 Oil	10	1
D71-S	06/04/98	150	C18-C40 Oil	10	1
B10-S	06/08/98	<10	---	10	1
B10-3.0	06/08/98	<10	---	10	1
B10-6.0	06/08/98	<10	---	10	1
B9-S	06/08/98	<10	---	10	1
D28-3.0	06/08/98	<10	---	10	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 980002 03
PACE ANALYTICAL WO#:13341A
Client ID#:8C001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	B10-6.0	B9-S	B9-3.0	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	06/03/98	06/03/98	06/03/98	06/03/98	
Analyte					
Benzene	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	15
DF	1	1	1	1	
Surrogate Recovery %:					**Acceptable Range:**
a,a,a-Trifluorotoluene	95	97	96	98	59-134

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel: 562 498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980502.03
PACE ANALYTICAL WO#:13341A
Client ID#:SG001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/02/98		06/02/98	06/02/98			
Analyte							
Benzene	102	74-116	98	99	72-115	1.0	0-26
Toluene	103	73-116	98	100	70-114	2.0	0-22
Ethylbenzene	104	75-118	100	97	68-119	3.0	0-24
Total Xylenes	105	78-120	101	98	74-117	3.0	0-22

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/03/98		06/03/98	06/03/98			
Analyte							
Benzene	98	74-116	99	96	72-115	3.1	0-26
Toluene	99	73-116	100	96	70-114	4.1	0-22
Ethylbenzene	100	75-118	102	98	68-119	4.0	0-24
Total Xylenes	101	78-120	103	97	74-117	6.0	0-22

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980602-03
PACE ANALYTICAL WO#:13341A
Client ID#:8G001 SFW

Analyst:	BJ/VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D71-S	D71-3.0	D75-S	D75-3.0	D76-S	D76-3.0	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	230	200	200	86	220	95	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	1.3	0.9	2.8	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	33	20	30	37	22	20	0.5	6010
Cobalt (Co)	7.1	3.8	5.3	7.1	9.8	5.5	1.0	6010
Copper (Cu)	140	71	110	15	20	87	2.5	6010
Lead (Pb)	240	2800	1600	130	120	180	1.0	6010
Mercury (Hg)*	0.14	0.41	0.48	0.46	0.24	0.31	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	2.6	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	32	21	29	23	21	20	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	19	14	17	32	21	15	0.5	6010
Zinc (Zn)	390	380	700	85	79	110	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/17/98.

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Pace Analytical

PACE ANALYTICAL Project#:980602-03
PACE ANALYTICAL WO#:13341A
Client ID#:SG001 SFW

Analyst: BJ/VN
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D77-S	D77-3.0	D78-S	D78-3.0	D26-S	D26-2	D25-S	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98		
Analyte									
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	110	99	230	130	300	390	430	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	0.5	0.5	6010
Cadmium (Cd)	0.9	<0.5	<0.5	<0.5	1.0	0.9	1.2	0.5	6010
Chromium (Cr)	20	20	20	25	26	26	25	0.5	6010
Cobalt (Co)	5.3	4.0	9.8	4.6	24	26	30	1.0	6010
Copper (Cu)	200	29	16	27	53	54	69	2.5	6010
Lead (Pb)	270	310	12	160	160	170	330	1.0	6010
Mercury (Hg)*	0.29	0.55	0.05	0.83	0.15	0.17	0.24	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.8	<2.5	2.5	6010
Nickel (Ni)	19	18	64	18	49	55	54	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	5.1	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	6.0	6.9	7.7	5.0	6010
Vanadium (V)	17	15	15	18	27	27	27	0.5	6010
Zinc (Zn)	260	170	45	120	150	150	240	10	6010
DF	1	1	1	1	1	1	1		

*Mercury analyzed on 06/17/98.

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Pace Analytical

PACE ANALYTICAL Project#:980602-03
PACE ANALYTICAL WO#:13341A
Client ID#:8C001 SHW

Analyst: BJ/VN
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D27-S	D28-S	D29-3.0	B10-S	B10-3.0	B10-6.0	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98	06/18/98			
Analyte									
Antimony (Sb)	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<50	6.3	<5.0	7.0	<5.0	<5.0	5.0	6010
Barium (Ba)	350	330	200	84	53	59	<10	10	6010
Beryllium (Be)	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<5.0	0.5	0.7	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	29	71	17	21	14	24	<0.5	0.5	6010
Cobalt (Co)	22	36	14	5.9	2.1	5.3	<1.0	1.0	6010
Copper (Cu)	95	57	26	110	29	32	<2.5	2.5	6010
Lead (Pb)	600	250	13	160	140	93	<1.0	1.0	6010
Mercury (Hg)*	0.62	0.11	<0.05	2.1	0.77	2.9	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<25	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	45	320	100	23	10	15	<1.0	1.0	6010
Selenium (Se)	<2.5	<25	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<50	5.3	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	27	55	25	19	9.2	17	<0.5	0.5	6010
Zinc (Zn)	360	240	68	300	1200	77	<10	10	6010
DF	1	10	1	1	1	1	1		

*Mercury analyzed on 06/17/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project# 980602-03
PACE ANALYTICAL WO#:13341A
Client ID#:8C001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ/VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/18/98		06/18/98	06/18/98			
Analyte	EPA Method							
Antimony (Sb)	6010	86	70-130	54*	54*	60-130	0.0	0-25
Arsenic (As)	6010	79	78-104	79	82	34-136	3.7	0-15
Barium (Ba)	6010	101	81-117	74	78	55-130	5.3	0-25
Beryllium (Be)	6010	83	70-130	81	82	70-130	1.2	0-25
Cadmium (Cd)	6010	81	75-104	77	76	73-115	1.3	0-15
Chromium (Cr)	6010	86	81-103	104	87	62-125	18	0-15
Cobalt (Co)	6010	83	70-130	80	78	70-130	2.5	0-25
Copper (Cu)	6010	91	70-130	91***	86***	70-140	5.6	0-25
Lead (Pb)	6010	84	76-104	84***	86***	48-120	2.4	0-30
Mercury (Hg)**	7471	97	76-121	92	95	70-135	3.0	0-30
Molybdenum (Mo)	6010	86	70-130	76	77	70-130	1.3	0-25
Nickel (Ni)	6010	83	70-130	130	80	70-130	48*	0-25
Selenium (Se)	6010	82	70-102	78	78	42-120	0.0	0-15
Silver (Ag)	6010	90	77-107	84	85	53-115	1.2	0-19
Thallium (Tl)	6010	85	70-130	80	80	70-130	0.0	0-25
Vanadium (V)	6010	88	70-130	91	91	70-130	0.0	0-25
Zinc (Zn)	6010	87	70-130	87	69*	70-130	29*	0-25

*Sample matrix effect.
**Mercury analyzed on 06/17/98.
*** Matrix spike/spike duplicate outside control limits due to matrix effect; LCS/LCSD used for control.

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Pace Analytical

PACE ANALYTICAL Project# 980602-03
PACE ANALYTICAL WO#:13041A
Client ID#:BC001 SPW

Analyst:	BJ/VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	B9-S	B9-3.0	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/18/98	06/18/98	06/18/98		
Analyte					
Antimony (Sb)	<50	<5.0	<5.0	5.0	6010
Arsenic (As)	<50	6.2	<5.0	5.0	6010
Barium (Ba)	150	110	<10	10	6010
Beryllium (Be)	<5.0	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<5.0	0.7	<0.5	0.5	6010
Chromium (Cr)	35	26	<0.5	0.5	6010
Cobalt (Co)	16	5.2	<1.0	1.0	6010
Copper (Cu)	370	130	<2.5	2.5	6010
Lead (Pb)	370	200	<1.0	1.0	6010
Mercury (Hg)*	1.3	3.5	<0.05	0.05	7471
Molybdenum (Mo)	<25	<2.5	<2.5	2.5	6010
Nickel (Ni)	42	20	<0.5	0.5	6010
Selenium (Se)	<25	<2.5	<2.5	2.5	6010
Silver (Ag)	<5.0	<0.5	<0.5	0.5	6010
Thallium (Tl)	<50	<5.0	<5.0	5.0	6010
Vanadium (V)	49	20	<0.5	0.5	6010
Zinc (Zn)	410	270	<10	10	6010
DF	10	1	1		

*Mercury analyzed on 06/17/98.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ/VN
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/18/98		06/18/98	06/18/98			
Analyte	EPA Method							
Antimony (Sb)	6010	98	70-130	54*	54*	60-130	0.0	0-25
Arsenic (As)	6010	100	78-104	121	116	34-135	4.2	0-15
Barium (Ba)	6010	100	81-117	108	108	56-130	0.0	0-25
Beryllium (Be)	6010	99	70-130	98	98	70-130	0.0	0-25
Cadmium (Cd)	6010	100	75-104	106	106	73-115	0.0	0-15
Chromium (Cr)	6010	98	81-103	106	103	62-125	2.9	0-16
Cobalt (Co)	6010	98	70-130	97	98	70-130	1.0	0-25
Copper (Cu)	6010	102	70-130	102***	86***	70-140	17	0-25
Lead (Pb)	6010	99	76-104	99***	86***	48-120	14	0-30
Mercury (Hg)**	7471	104	76-121	160*	150*	70-135	6.0	0-30
Molybdenum (Mo)	6010	100	70-130	97	97	70-130	0.0	0-25
Nickel (Ni)	6010	98	70-130	105	103	70-130	1.9	0-25
Selenium (Se)	6010	101	79-102	99	83	42-120	18*	0-16
Silver (Ag)	6010	100	77-107	113	112	53-115	0.9	0-19
Thallium (Tl)	6010	102	70-130	116	107	70-130	7.2	0-25
Vanadium (V)	6010	99	70-130	92	92	70-130	0.0	0-25
Zinc (Zn)	6010	101	70-130	77	77	70-130	0.0	0-25

*Sample matrix effect.
**Mercury analyzed on 06/17/98.
*** Matrix spike/spike duplicate outside control limits due to matrix effect; LCS/LCSD used for control.

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/l	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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June 23, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107715
Client Project ID: 980602-03

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

DATE: 06/22/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107715
Client Project ID: 980602-03

Attn: Mr.RichardVillafania
Phone: (562)498-9515

Pace Sample No.: 10665438 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-71 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665438 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-71 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/03/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	87-61-6	*	U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/03/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/03/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/03/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/03/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/03/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665438 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-71 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/03/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/03/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/03/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/03/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/03/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/03/98	TAW	67-64-1	1	J
Benzene	ND	ug/kg	5	*	06/03/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/03/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/03/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/03/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/03/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/03/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/03/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/03/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/03/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/03/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/03/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665438 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-71 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/03/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/03/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/03/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/03/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/03/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/03/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/03/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/03/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/03/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/03/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/03/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/03/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/03/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/03/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/03/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/03/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/03/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/03/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/03/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/03/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/03/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665438 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-71 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/03/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/03/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	134	%		*	06/03/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	110	%		*	06/03/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/03/98	TAW	1868-53-7		
Toluene-d8 (S)	112	%		*	06/03/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665453 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D71-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/08/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/08/98	TAW	78-93-3		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10865453 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D71-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/08/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/08/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/08/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/08/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/08/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/08/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/08/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/08/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/08/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/08/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-71-8		U

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DATE: 06/22/98
PAGE: 8

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665453 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D71-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/08/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/08/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/08/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/08/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/08/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/08/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/08/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/08/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/08/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/08/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/08/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/08/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/08/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/08/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/08/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/08/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665453 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D71-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/08/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/08/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/08/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/08/98	TAW	1868-53-7		
Toluene-d8 (S)	100	%		*	06/08/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10685461 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-75 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/09/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/09/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/09/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/09/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/09/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/09/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/09/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/09/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/09/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	36.406	06/09/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/09/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/09/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/09/98	SAC	95-57-8		U
2-Methylnaphthalene	trace	ug/kg	330	26.613	06/09/98	SAC	91-57-6	1	J
2-Methylphenol	ND	ug/kg	330	94.548	06/09/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/09/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/09/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/09/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.504	06/09/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/09/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/09/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/09/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665461 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-75 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/09/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/09/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/09/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/09/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/09/98	SAC	100-02-7		U
Acenaphthene	trace	ug/kg	330	29.179	06/09/98	SAC	83-32-9	1	J
Acenaphthene	trace	ug/kg	330	29.993	06/09/98	SAC	83-32-9	1	J
Acenaphthylene	ND	ug/kg	330	35.839	06/09/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/09/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.830	06/09/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	330	36.245	06/09/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	trace	ug/kg	330	71.700	06/09/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	trace	ug/kg	330	38.814	06/09/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	trace	ug/kg	330	50.095	06/09/98	SAC	207-08-9	1	J
Benzoic Acid	ND	ug/kg	1600	264.99	06/09/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/09/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/09/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/09/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/09/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	2700	ug/kg	330	60.552	06/09/98	SAC	117-81-7	2	B
Butylbenzylphthalate	370	ug/kg	330	86.138	06/09/98	SAC	85-68-7		
Chrysene	trace	ug/kg	330	49.277	06/09/98	SAC	218-01-9	1	J
Di-n-butylphthalate	trace	ug/kg	330	63.556	06/09/98	SAC	84-74-2	1	J
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/09/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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1700 Elm Street - Suite 200
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Tel: 612-617-6400
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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665461 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-75 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/09/98	SAC	53-70-3		U
Dibenzofuran	trace	ug/kg	330	31.884	06/09/98	SAC	132-64-9	1	J
Diethylphthalate	ND	ug/kg	330	30.341	06/09/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/09/98	SAC	131-11-3		U
Fluoranthene	570	ug/kg	330	40.659	06/09/98	SAC	206-44-0		
Fluorene	trace	ug/kg	330	39.123	06/09/98	SAC	86-73-7	1	J
Hexachlorobenzene	ND	ug/kg	330	41.678	06/09/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/09/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/09/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/09/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	330	39.938	06/09/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	330	30.158	06/09/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/09/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/09/98	SAC	86-30-6		U
Naphthalene	trace	ug/kg	330	26.144	06/09/98	SAC	91-20-3	1	J
Nitrobenzene	ND	ug/kg	330	33.247	06/09/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/09/98	SAC	87-86-5		U
Phenanthrene	750	ug/kg	330	39.463	06/09/98	SAC	85-01-8		
Phenol	trace	ug/kg	330	49.142	06/09/98	SAC	108-95-2	1	J
Pyrene	580	ug/kg	330	34.334	06/09/98	SAC	129-00-0		
2,4,6-Tribromophenol (S)	57	%		*	06/09/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	97	%		*	06/09/98	SAC	321-60-8		
2-Fluorophenol (S)	72	%		*	06/09/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	88	%		*	06/09/98	SAC	4165-60-0		

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665461 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-75 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	80	%		*	06/09/98	SAC	13127-88-3		
Terphenyl-d14 (S)	80	%		*	06/09/98	SAC	1718-51-0		
Date Extracted	06/05/98			*		SAC			
Total EPA 8270	4970								

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665479 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D75-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/09/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/09/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/09/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/09/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/09/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/09/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/09/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/09/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/09/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/09/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/09/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/09/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/09/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/09/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.546	06/09/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/09/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/09/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/09/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/09/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/09/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/09/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/09/98	SAC	59-50-7		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10666479 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D75-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/09/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/09/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/09/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/09/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/09/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/09/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/09/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/09/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/09/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/09/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/09/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/09/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/09/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	60.095	06/09/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	284.99	06/09/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/09/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/09/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/09/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/09/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	06/09/98	SAC	117-81-7	1,2	JB
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/09/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	40.277	06/09/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/09/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/09/98	SAC	117-84-0		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665479 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D75-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/09/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/09/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/09/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/09/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/09/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/09/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/09/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/09/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/09/98	SAC	77 47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/09/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/09/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/09/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/09/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/09/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/09/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/09/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/09/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.403	06/09/98	SAC	85-01-8		U
Phenol	trace	ug/kg	330	49.142	06/09/98	SAC	108-95-2	1	J
Pyrene	ND	ug/kg	330	34.334	06/09/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	54	%		*	06/09/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	91	%		*	06/09/98	SAC	321-60-8		
2-Fluorophenol (S)	69	%		*	06/09/98	SAC	367-12 4		
Nitrobenzene-d5 (S)	87	%		*	06/09/98	SAC	4165-60-0		

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665479 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D75-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	84	%		*	06/09/98	SAC	13127-88-3		
Terphenyl-d14 (S)	79	%		*	06/09/98	SAC	1718-51-0		
Date Extracted	06/05/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665487 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-76 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/06/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/06/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/06/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/06/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/06/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/06/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/06/98	SAC	11096-82-5		U
Decachlorobiphonyl (S)	87	%		*	06/06/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	77	%		*	06/06/98	SAC	877-09-8		
Date Extracted	06/04/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665487 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-76 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Totrachloroethane	ND	ug/kg	5	*	06/05/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/05/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/05/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/05/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/05/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/05/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/05/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/05/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/05/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/05/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/05/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/05/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/05/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/05/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/05/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/05/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/05/98	TAW	78-93-3		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665407 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-76 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/05/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/05/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/05/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/05/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/05/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/05/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/05/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/05/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/05/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/05/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/05/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/05/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/05/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/05/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/05/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/05/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/05/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/05/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/05/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/05/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/05/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/05/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/05/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665487 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-76 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/05/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/05/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/05/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/05/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/05/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/05/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/05/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/05/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/05/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/05/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/05/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/05/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/05/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/05/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/05/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/05/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/05/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/05/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/05/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/05/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/05/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/05/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/05/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/05/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665487 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-76 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/05/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/05/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	134	%		*	06/05/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/05/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/05/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/05/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665503 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D76-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/06/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/06/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/06/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/06/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/06/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/06/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/06/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	96	%		*	06/06/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	94	%		*	06/06/98	SAC	877-09-8		
Date Extracted	06/04/98			*		SAC			
Total EPA 8080	ND								

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665503 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D76-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/05/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/05/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/05/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/05/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/05/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/05/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/05/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/05/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/05/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/05/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/05/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/05/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/05/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/05/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/05/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/05/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/05/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665503 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D76-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/05/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/05/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/05/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/05/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/05/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/05/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/05/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/05/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/05/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/05/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/05/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/05/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/05/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/05/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/05/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/05/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/05/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/05/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/05/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/05/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/05/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/05/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/05/98	TAW	75-71-8		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665503 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D78-3,0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	600	*	06/05/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/05/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/05/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/05/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/05/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/05/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/05/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/05/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/05/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/05/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/05/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/05/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/05/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/05/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/05/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/05/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/05/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/05/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/05/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/05/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/05/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/05/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/05/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/05/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665503 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D76-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/05/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/05/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/05/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/05/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/05/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/05/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665511 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-77 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/10/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/10/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/10/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/10/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/10/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/10/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/10/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/10/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/10/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/10/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/10/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/10/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/10/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/10/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/10/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/10/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/10/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/10/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/10/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/10/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/10/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/10/98	SAC	59-50-7		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665811 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-77 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/10/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/10/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/10/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/10/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	26.970	06/10/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/10/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/10/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/10/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/10/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/10/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/10/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/10/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/10/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/10/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/10/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/10/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/10/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.979	06/10/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/10/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/10/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/10/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/10/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/10/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/10/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10655511 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-77 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/10/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/10/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/10/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/10/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/10/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/10/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/10/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/10/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/10/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/10/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/10/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/10/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/10/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/10/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/10/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/10/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/10/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/10/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/10/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/10/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	58	%		*	06/10/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	86	%		*	06/10/98	SAC	321-60-8		
2-Fluorophenol (S)	66	%		*	06/10/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	84	%		*	06/10/98	SAC	4165-60-0		

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10666611 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-77 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	85	%		*	06/10/98	SAC	13127-88-3		
Terphenyl-d14 (S)	77	%		*	06/10/98	SAC	1718-51-0		
Date Extracted	06/05/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665529 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D77-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/10/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/10/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/10/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/10/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/10/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/10/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/10/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/10/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/10/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	36.406	06/10/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/10/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/10/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/10/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/10/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/10/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/10/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/10/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/10/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/10/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/10/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/10/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/10/98	SAC	59-50-7		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665529 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D77-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/10/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/10/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/10/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/10/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/10/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/10/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/10/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/10/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/10/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.830	06/10/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	330	36.245	06/10/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	trace	ug/kg	330	71.700	06/10/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	trace	ug/kg	330	38.814	06/10/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	trace	ug/kg	330	50.095	06/10/98	SAC	207-08-9	1	J
Benzoic Acid	trace	ug/kg	1600	264.99	06/10/98	SAC	65-85-0	1	J
Benzyl Alcohol	ND	ug/kg	660	73.25	06/10/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/10/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/10/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/10/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	06/10/98	SAC	117-81-7	1,2	JB
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/10/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	49.277	06/10/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.566	06/10/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/10/98	SAC	117-84-0		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665529 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D77-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/10/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/10/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/10/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/10/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	330	40.659	06/10/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	330	39.123	06/10/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/10/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/10/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/10/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	28.634	06/10/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	330	39.938	06/10/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	330	30.158	06/10/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/10/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/10/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/10/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/10/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/10/98	SAC	87-86-5		U
Phenanthrene	trace	ug/kg	330	39.463	06/10/98	SAC	85-01-8	1	J
Phenol	580	ug/kg	330	49.142	06/10/98	SAC	108-95-2		
Pyrene	trace	ug/kg	330	34.334	06/10/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	62	%		*	06/10/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	85	%		*	06/10/98	SAC	321-60-8		
2-Fluorophenol (S)	72	%		*	06/10/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	90	%		*	06/10/98	SAC	4165-60-0		

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665529 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D77-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	89	%		*	06/10/98	SAC	13127-88-3		
Terphenyl-d14 (S)	82	%		*	06/10/98	SAC	1718-51-0		
Date Extracted	06/05/98			*		SAC			
Total EPA 8270	580								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107716
Client Project ID: 980602-03

Pace Sample No.: 10665537 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-78 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/06/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/06/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/06/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/06/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/06/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/06/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/06/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	25	%		*	06/06/98	SAC	2051-24-3	3	
Tetrachloro-meta-xylene (S)	23	%		*	06/06/98	SAC	877-09-8	3	
Date Extracted	06/04/98			*		SAC			
Total EPA 8080	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665537 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-78 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/10/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/10/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/10/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/10/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/10/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/10/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/10/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/10/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.503	06/10/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/10/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/10/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/10/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/10/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/10/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/10/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/10/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/10/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/10/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/10/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/10/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/10/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/10/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 1066553?
Client Sample ID: DS-78
Date Collected: 06/01/98
Date Received: 06/03/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/10/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/10/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/10/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/10/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/10/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/10/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/10/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.939	06/10/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/10/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.630	06/10/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/10/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/10/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/10/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/10/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/10/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/10/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.767	06/10/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/10/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/10/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/10/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/10/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/10/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/10/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/10/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665537 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-78 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/10/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/10/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/10/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/10/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/10/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/10/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/10/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/10/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/10/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/10/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/10/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/10/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/10/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/10/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/10/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/10/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/10/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/10/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/10/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/10/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	55	%		*	06/10/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	83	%		*	06/10/98	SAC	321-60-8		
2-Fluorophenol (S)	62	%		*	06/10/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	81	%		*	06/10/98	SAC	4165-60-0		

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665537 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-78 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	83	%		*	06/10/98	SAC	13127-88-3		
Terphenyl-d14 (S)	77	%		*	06/10/98	SAC	1718-51-0		
Date Extracted	06/05/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10865545 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D78-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/06/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/06/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/06/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/06/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/06/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/06/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/06/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	106	%		*	06/06/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	101	%		*	06/06/98	SAC	877-09-8		
Date Extracted	06/04/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665545 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D78-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/10/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/10/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/10/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/10/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/10/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/10/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/10/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/10/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/10/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/10/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/10/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/10/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.874	06/10/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/10/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/10/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/10/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/10/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/10/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.804	06/10/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/10/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/10/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/10/98	SAC	59-50-7		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665545 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D78-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	80	%		*	06/10/98	SAC	13127-88-3		
Terphenyl-d14 (S)	79	%		*	06/10/98	SAC	1718-51-0		
Date Extracted	06/05/98			*		SAC			
Total EPA 8270	690								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665552 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-26 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/05/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/05/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/05/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/05/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/05/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/05/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/05/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/05/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/05/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/05/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/05/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/05/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/05/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/05/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/05/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/05/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/05/98	TAW	78-93-3		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10666552 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-26 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/05/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/05/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/05/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/05/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/05/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/05/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/05/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/05/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/05/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/05/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/05/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/05/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/05/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/05/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/05/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/05/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/05/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/05/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/05/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/05/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/05/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/05/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/05/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/05/98	TAW	75-71-8		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665552 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-26 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	600	*	06/05/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/05/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/05/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/05/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/05/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/05/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/05/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/05/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/05/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/05/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/05/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/05/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/05/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/05/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/05/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/05/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/05/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/05/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/05/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/05/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/05/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/05/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/05/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/05/98	TAW	75-69-4		U

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10666552 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-26 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/05/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/05/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	138	%		*	06/05/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	112	%		*	06/05/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/05/98	TAW	1868-53-7		
Toluene-d8 (S)	112	%		*	06/05/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665560 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D26-2.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/08/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/08/98	TAW	78-93-3		U

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665560 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D26-2.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/08/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/08/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/08/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/08/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/08/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/08/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/08/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/08/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/08/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/08/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/08/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-71-8		U

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665560 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D26-2.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/08/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/08/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/08/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/08/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/08/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/08/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/08/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/08/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/08/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/08/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/08/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/08/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/08/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/08/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/08/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/08/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-69-4		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665560 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D26-2.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/08/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	136	%		*	06/08/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	110	%		*	06/08/98	TAW	460-00-4		
Dibromofluoromethane (S)	118	%		*	06/08/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/08/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665578 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-25 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/10/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/10/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/10/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/10/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/10/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/10/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/10/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/10/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/10/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/10/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/10/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/10/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/10/98	SAC	95-57-8		U
2-Methylnaphthalene	trace	ug/kg	330	26.813	06/10/98	SAC	91-57-6	1	J
2-Methylphenol	ND	ug/kg	330	94.548	06/10/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/10/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/10/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/10/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/10/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/10/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/10/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/10/98	SAC	59-50-7		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665578 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-25 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/10/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/10/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/10/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/10/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/10/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/10/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/10/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/10/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/10/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/10/98	SAC	56-55-3		U
Benzo(a)pyrene	trace	ug/kg	330	36.245	06/10/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/10/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/10/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/10/98	SAC	207-08-9		U
Benzoic Acid	trace	ug/kg	1600	264.99	06/10/98	SAC	65-85-0	1	J
Benzyl Alcohol	ND	ug/kg	660	73.25	06/10/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/10/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/10/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/10/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	1800	ug/kg	330	60.552	06/10/98	SAC	117-81-7	2	B
Butylbenzylphthalate	360	ug/kg	330	86.138	06/10/98	SAC	85-68-7		
Chrysene	trace	ug/kg	330	49.277	06/10/98	SAC	218-01-9	1	J
Di-n-butylphthalate	470	ug/kg	330	63.556	06/10/98	SAC	84-74-2		
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/10/98	SAC	117-84-0		U

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Client Project ID: 980602-03

Pace Sample No.: 10065578 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-25 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/10/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/10/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/10/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/10/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	330	40.659	06/10/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	330	39.123	06/10/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/10/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/10/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/10/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/10/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/10/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/10/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/10/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/10/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/10/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/10/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/10/98	SAC	87-86-5		U
Phenanthrene	trace	ug/kg	330	39.463	06/10/98	SAC	85-01-8	1	J
Phenol	910	ug/kg	330	49.142	06/10/98	SAC	108-95-2		
Pyrene	trace	ug/kg	330	34.334	06/10/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	62	%		*	06/10/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	67	%		*	06/10/98	SAC	321-60-8		
2-Fluorophenol (S)	79	%		*	06/10/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	96	%		*	06/10/98	SAC	4165-60-0		

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10685578 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-25 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	90	%		*	06/10/98	SAC	13127-88-3		
Terphenyl-d14 (S)	126	%		*	06/10/98	SAC	1718-51-0		
Date Extracted	06/05/98			*		SAC			

Total EPA 8270 3540

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665586 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-27 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 3270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/10/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/10/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/10/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/10/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/10/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/10/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.903	06/10/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/10/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/10/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/10/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/10/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/10/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/10/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/10/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/10/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/10/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/10/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/10/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/10/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/10/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/10/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/10/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10668586 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-27 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/10/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/10/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/10/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/10/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/10/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	06/10/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	06/10/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/10/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.797	06/10/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/10/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/10/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/10/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/10/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.085	06/10/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/10/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/10/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/10/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/10/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/10/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	370	ug/kg	330	60.552	06/10/98	SAC	117-81-7	2	B
Butylbenzylphthalate	ND	ug/kg	330	66.139	06/10/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/10/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/10/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/10/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665586 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-27 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/10/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/10/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/10/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/10/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/10/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/10/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/10/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/10/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/10/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/10/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/10/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/10/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/10/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/10/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/10/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/10/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.025	06/10/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/10/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/10/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/10/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	83	%		*	06/10/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	88	%		*	06/10/98	SAC	321-60-8		
2-Fluorophenol (S)	73	%		*	06/10/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	97	%		*	06/10/98	SAC	4165-60-0		

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10865586 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-27 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	90	%		*	06/10/98	SAC	13127-88-3		
Terphenyl-d14 (S)	99	%		*	06/10/98	SAC	1718-51-0		
Date Extracted	06/05/98			*		SAC			
Total EPA 8270	**370**								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665594 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-28 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/08/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/08/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665594 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-28 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/08/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/08/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/08/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/08/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/08/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/08/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/08/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/08/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/08/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/08/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/08/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665594 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-28 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/08/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/08/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/08/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/08/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/08/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/08/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/08/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/08/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/08/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/08/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/08/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/08/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/08/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/08/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/08/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/08/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665594 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: DS-28 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/08/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	138	%		*	06/08/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	110	%		*	06/08/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/08/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/08/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665602 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D28-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/08/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/08/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10685602 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D28-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/08/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/08/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/08/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/08/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/08/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/08/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/08/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/08/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/08/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/08/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/08/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665602 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D28-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/08/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/08/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/08/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/08/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/08/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/08/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/08/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/08/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/08/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/08/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/08/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/08/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/08/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/08/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/08/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/08/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665802 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: D26-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/08/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/08/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/08/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/08/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/08/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10685610 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-S Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/06/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/06/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/06/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/06/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/06/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/06/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/06/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	86	%		*	06/06/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	84	%		*	06/06/98	SAC	877-09-8		
Date Extracted	06/04/98			*		SAC			
Total EPA 8080	ND								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665610 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-S Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/11/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/11/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/11/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/11/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/11/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/11/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/11/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/11/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/11/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/11/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/11/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/11/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/11/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/11/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/11/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/11/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/11/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665610 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-S Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/11/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/11/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/11/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/11/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/11/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/11/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/11/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/11/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/11/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/11/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/11/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/11/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/11/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/11/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/11/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/11/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/11/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/11/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/11/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/11/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/11/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/11/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/11/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665610 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-S Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/11/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/11/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/11/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/11/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/11/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/11/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/11/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/11/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/11/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/11/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/11/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/11/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/11/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/11/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/11/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/11/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/11/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/11/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/11/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/11/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/11/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/11/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/11/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/11/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665610 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-S Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/11/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/11/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/11/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/11/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/11/98	TAW	1868-53-7		
Toluene-d8 (S)	112	%		*	06/11/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665510 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-S Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/10/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/10/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/10/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/10/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/10/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/10/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/10/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/10/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/10/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/10/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/10/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/10/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/10/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/10/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.648	06/10/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/10/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.066	06/10/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/10/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/10/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/10/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/10/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/10/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665610 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-S Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/10/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/10/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/10/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/10/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/10/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/10/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	20.993	06/10/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/10/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/10/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/10/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/10/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/10/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/10/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/10/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/10/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/10/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/10/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/10/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/10/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/10/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	66.138	06/10/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/10/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/10/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/10/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665610 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-S Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/10/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/10/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/10/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/10/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/10/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/10/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/10/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/10/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/10/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/10/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/10/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/10/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/10/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/10/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/10/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/10/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/10/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/10/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/10/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	34.334	06/10/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	52	%		*	06/10/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	74	%		*	06/10/98	SAC	321-60-8		
2-Fluorophenol (S)	62	%		*	06/10/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	76	%		*	06/10/98	SAC	4165-60-0		

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10666610 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-S Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	74	%		*	06/10/98	SAC	13127-88-3		
Terphenyl-d14 (S)	83	%		*	06/10/98	SAC	1718-51-0		
Date Extracted	06/05/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10866629 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/06/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/06/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/06/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/06/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/06/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/06/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/06/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	89	%		*	06/06/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	96	%		*	06/06/98	SAC	877-09-8		
Date Extracted	06/04/98			*		SAC			
Total EPA 8080	**ND**								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665828 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/11/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/11/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/11/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/11/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/11/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/11/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/11/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/11/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/11/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/11/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/11/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/11/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/11/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/11/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/11/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/11/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/11/98	TAW	78-93-3		U

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Pace Project Number: 107715
Client Project ID: 980502-03

Pace Sample No.: 10665628 | Date Collected: 06/01/98 | Matrix: Soil
Client Sample ID: B10-3.0 | Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/11/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/11/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/11/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/11/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/11/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/11/98	TAW	108-10-1		U
Acetone	trace	ug/kg	20	*	06/11/98	TAW	67-64-1	1,4	J
Benzene	ND	ug/kg	5	*	06/11/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/11/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/11/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/11/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/11/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/11/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/11/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/11/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/11/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/11/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/11/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/11/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/11/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/11/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/11/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/11/98	TAW	75-71-8		U

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665628 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/11/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/11/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/11/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/11/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/11/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/11/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/11/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/11/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/11/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/11/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/11/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/11/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/11/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/11/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/11/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/11/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/11/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/11/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/11/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/11/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/11/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/11/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/11/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/11/98	TAW	75-69-4		U

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665628 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/11/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/11/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/11/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/11/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/11/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/11/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665628 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/10/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/10/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/10/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/10/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/10/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/10/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/10/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/10/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.503	06/10/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/10/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/10/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/10/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/10/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/10/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/10/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/10/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/10/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/10/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/10/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/10/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/10/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/10/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665626 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/10/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/10/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/10/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/10/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/10/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/10/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/10/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/10/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/10/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/10/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/10/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/10/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/10/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/10/98	SAC	207-08-9		U
Benzoic Acid	trace	ug/kg	1600	264.99	06/10/98	SAC	65-85-0	1	J
Benzyl Alcohol	ND	ug/kg	660	73.25	06/10/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	26.757	06/10/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	26.579	06/10/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/10/98	SAC	39638-32-9		U
bis(2-Ethythoxyl)phthalate	ND	ug/kg	330	60.552	06/10/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/10/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/10/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/10/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/10/98	SAC	117-84-0		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665628 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/10/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/10/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/10/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/10/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/10/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/10/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/10/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/10/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/10/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.834	06/10/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/10/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/10/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/10/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/10/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/10/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/10/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/10/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/10/98	SAC	85-01-8		U
Phenol	trace	ug/kg	330	49.142	06/10/98	SAC	108-95-2	1	J
Pyrene	ND	ug/kg	330	34.334	06/10/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	64	%		*	06/10/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	91	%		*	06/10/98	SAC	321-60-8		
2-Fluorophenol (S)	78	%		*	06/10/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	98	%		*	06/10/98	SAC	4165-60-0		

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665628 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	88	%		*	06/10/98	SAC	13127-88-3		
Terphenyl-d14 (S)	103	%		*	06/10/98	SAC	1718-51-0		
Date Extracted	06/05/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665636 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-6.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/06/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/06/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/06/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/06/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/06/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/06/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/06/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	107	%		*	06/06/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	91	%		*	06/06/98	SAC	877-09-8		
Date Extracted	06/04/98			*		SAC			
Total EPA 8080	**ND**								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665636 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-6.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/11/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/11/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/11/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/11/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/11/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/11/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/11/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/11/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/11/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/11/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/11/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/11/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/11/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/11/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/11/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/11/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/11/98	TAW	78-93-3		U

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DATE: 06/22/98
PAGE: 90

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665636 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-6.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/11/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/11/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/11/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/11/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/11/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/11/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/11/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/11/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/11/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/11/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/11/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/11/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/11/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/11/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/11/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/11/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/11/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/11/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/11/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/11/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/11/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/11/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/11/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/11/98	TAW	75-71-8		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665636 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-6.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/11/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/11/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/11/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/11/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/11/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/11/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/11/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/11/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/11/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/11/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/11/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/11/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/11/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/11/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/11/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/11/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/11/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/11/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/11/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/11/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/11/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/11/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/11/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/11/98	TAW	75-69-4		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665636 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-6.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/11/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/11/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	134	%		*	06/11/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	110	%		*	06/11/98	TAW	460-00-4		
Dibromofluoromethane (S)	112	%		*	06/11/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/11/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665636 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-6.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/10/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/10/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/10/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/10/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/10/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.698	06/10/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/10/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/10/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/10/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	38.406	06/10/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/10/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/10/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/10/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/10/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/10/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/10/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/10/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/10/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/10/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/10/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/10/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/10/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665636 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-6.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/10/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/10/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/10/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/10/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/10/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/10/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/10/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/10/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/10/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.830	06/10/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	330	36.245	06/10/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	trace	ug/kg	330	71.700	06/10/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/10/98	SAC	191-24-2		U
Benzo(k)fluoranthene	trace	ug/kg	330	50.095	06/10/98	SAC	207-08-9	1	J
Benzoic Acid	ND	ug/kg	1600	264.99	06/10/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/10/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	29.757	06/10/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/10/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/10/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/10/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	85.138	06/10/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	49.277	06/10/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.566	06/10/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/10/98	SAC	117-84-0		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665636 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-6.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/10/98	SAC	53-70-3		U
Dibunzofuran	ND	ug/kg	330	31.884	06/10/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/10/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/10/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	330	40.659	06/10/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	330	39.123	06/10/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/10/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/10/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/10/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/10/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/10/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/10/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/10/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/10/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/10/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/10/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/10/98	SAC	87-86-5		U
Phenanthrene	trace	ug/kg	330	39.463	06/10/98	SAC	85-01-8	1	J
Phenol	ND	ug/kg	330	49.142	06/10/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	34.334	06/10/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	60	%		*	06/10/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	89	%		*	06/10/98	SAC	321-60-8		
2-Fluorophenol (S)	70	%		*	06/10/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	96	%		*	06/10/98	SAC	4165-60-0		

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10666636 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B10-6.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	86	%		*	06/10/98	SAC	13127-88-3		
Terphenyl-d14 (S)	98	%		*	06/10/98	SAC	1718-51-0		
Date Extracted	06/05/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665644 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: BS-9 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/08/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/08/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665644 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: BS-9 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/08/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/08/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/08/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/08/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/08/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/08/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/08/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/08/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/08/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/08/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/08/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-71-8		U

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665644 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: BS-9 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/08/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/08/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/08/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/08/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/08/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/08/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/08/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/08/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/08/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/08/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/08/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/08/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/08/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/08/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/08/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/08/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 06/22/98
PAGE: 100

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665644 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: BS-9 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/08/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/08/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/08/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/08/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/08/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10066044 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: BS-9 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/12/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/12/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/12/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/12/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/12/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/12/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/12/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/12/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/12/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/12/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/12/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/12/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/12/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.813	06/12/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/12/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/12/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/12/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.096	06/12/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/12/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/12/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/12/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/12/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665644 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: BS-9 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/12/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/12/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/12/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/12/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/12/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/12/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/12/98	SAC	83-32-9		U
Acenaphthylene	trace	ug/kg	330	35.839	06/12/98	SAC	208-96-8	1	J
Anthracene	trace	ug/kg	330	38.787	06/12/98	SAC	120-12-7	1	J
Benzo(a)anthracene	380	ug/kg	330	39.830	06/12/98	SAC	56-55-3		
Benzo(a)pyrene	410	ug/kg	330	36.245	06/12/98	SAC	50-32-8		
Benzo(b)fluoranthene	370	ug/kg	330	71.700	06/12/98	SAC	205-99-2		
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/12/98	SAC	191-24-2		U
Benzo(k)fluoranthene	trace	ug/kg	330	50.095	06/12/98	SAC	207-08-9	1	J
Benzoic Acid	ND	ug/kg	1600	264.99	06/12/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/12/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/12/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/12/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/12/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.582	06/12/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/12/98	SAC	85-68-7		U
Chrysene	410	ug/kg	330	49.277	06/12/98	SAC	218-01-9		
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/12/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/12/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665644 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: BS-9 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/12/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/12/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/12/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/12/98	SAC	131-11-3		U
Fluoranthene	870	ug/kg	330	40.659	06/12/98	SAC	206-44-0		
Fluorene	ND	ug/kg	330	39.123	06/12/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/12/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.601	06/12/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/12/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/12/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/12/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/12/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/12/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/12/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/12/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/12/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/12/98	SAC	87-86-5		U
Phenanthrene	1200	ug/kg	330	39.463	06/12/98	SAC	85-01-8		
Phenol	ND	ug/kg	330	49.142	06/12/98	SAC	108-95-2		U
Pyrene	2000	ug/kg	330	34.334	06/12/98	SAC	129-00-0		
2,4,6-Tribromophenol (S)	72	%		*	06/12/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	64	%		*	06/12/98	SAC	321-60-8		
2-Fluorophenol (S)	51	%		*	06/12/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	68	%		*	06/12/98	SAC	4165-60-0		

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665644 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: BS-9 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	49	%		*	06/12/98	SAC	13127-88-3		
Terphenyl-d14 (S)	99	%		*	06/12/98	SAC	1718-51-0		
Date Extracted	06/09/98			*		SAC			
Total EPA 8270	5840								

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10066661 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B9-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/08/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/08/98	TAW	78-93-3		U

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665651 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B9-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/08/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/08/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/08/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/08/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/08/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/08/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/08/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/08/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/08/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/08/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/08/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-71-8		U

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665651 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B9-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/08/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/08/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/08/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/08/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/08/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/08/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/08/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/08/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/08/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/08/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/08/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/08/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/08/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/08/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/08/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/08/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-69-4		U

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665651 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B9-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/08/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/08/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/08/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/08/98	TAW	1868-53-7		
Toluene-d8 (S)	112	%		*	06/08/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665651 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B9-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/12/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/12/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/12/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/12/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/12/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/12/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/12/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/12/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/12/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/12/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/12/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/12/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/12/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/12/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/12/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/12/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/12/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/12/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/12/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/12/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/12/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/12/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665651 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B9-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/12/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/12/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/12/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/12/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/12/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/12/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.003	06/12/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/12/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/12/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	30.830	06/12/98	SAC	56-55-3	1	J
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/12/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/12/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/12/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	60.095	06/12/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/12/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.26	06/12/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/12/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/12/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/12/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/12/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/12/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	40.277	06/12/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/12/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/12/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665651 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B9-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/12/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/12/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/12/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/12/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	330	40.659	06/12/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	330	39.123	06/12/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/12/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/12/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/12/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/12/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.936	06/12/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/12/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/12/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/12/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/12/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/12/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	40.026	06/12/98	SAC	87-86-5		U
Phenanthrene	trace	ug/kg	330	39.463	06/12/98	SAC	85-01-8	1	J
Phenol	ND	ug/kg	330	49.142	06/12/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	34.334	06/12/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	75	%		*	06/12/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	61	%		*	06/12/98	SAC	321-60-8		
2-Fluorophenol (S)	54	%		*	06/12/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	64	%		*	06/12/98	SAC	4165-60-0		

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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

Pace Sample No.: 10665651 Date Collected: 06/01/98 Matrix: Soil
Client Sample ID: B9-3.0 Date Received: 06/03/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	48	%		*	06/12/98	SAC	13127-88-3		
Terphenyl-d14 (S)	94	%		*	06/12/98	SAC	1718-51-0		
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Minneapolis, MN 55414
Tel: 612-617-6400
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Pace Analytical

Pace Project Number: 107715
Client Project ID: 980602-03

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL, therefore, result is an estimated concentration (CLP J-Flag).
[2]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
[3]	The surrogate recovery was outside QC acceptance limits due to matrix interference.
[4]	Common laboratory contaminant.

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

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980602-03

423315

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94544	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86001		Pace Project No.
Sampled By (PRINT): Chris Merritt	Project Name / No.: West Approach		*Requested Due Date:

Sampler Signature: CHRIS MERRITT Date Sampled: 6-01-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-5	BTEX	VOC's	SVOC's	PCB's	REMARKS
1	B10-5	1225	S		1						X	X	X	X	X	X	
2	B10-3.0	1305			1						X	X	X	X	X	X	
3	B10-6.0	1313			1						X	X	X	X	X	X	
4	B9-5	1325			1						X	X	X	X	X		
5	B9-3.0	1415			1						X	X	X	X	X		
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible] PSI	6/1/98	1530	C.A. Dermitt	6/1/98	1530

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Page 2/3 980602-03

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600L		Pace Project No.
Sampled By (PRINT): Chris Merritt	Project Name / No.: West Approach		*Requested Due Date: 6/16/98
Sampler Signature: CHRIS MERRITT	Date Sampled: 6-01-98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	D78-S	1015	S		1						X	X	X		X	X	
2	D78-3.0	1030			1						X	X	X		X	X	
3	D26-S	1054			1						X	X		X			
4	D26-2.0	1057			1						X	X		X			
5	D25-S	1050			1						X	X	X		X		
6	D27-S	1100			1						X	X	X		X		
7	D28-S				1						X	X		X			
8	D28-3.0				1						X	X		X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnite			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/1/98	1530	CA Overnite	6/1/98	1530
				Stephen Mac	6/2/98	1000

SAMPLE CONDITION

Temp: 3 °C | Received on Ice: (Y) / N | Sealed Cooler: (Y) / N | Samples Intact: (Y) / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Page 1/3

9806203

423313

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 80001 SFW		Pace Project No.
	Project Name / No.: CALTRANS		*Requested Due Date: 6/6/98

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT Date Sampled: 6/1/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020	8260	8270	8080	CAM 17	REMARKS
1	D71-5	0834			1						X		X			X	
2	D71-3.0	0850			1						X		X			X	
3	D75-5	0907			1						X	X		X		X	
4	D75-3.0	0920			1						X	X		X		X	
5	D76-5	0928			1						X		X		X	X	
6	D76-3.0	0942			1						X		X		X	X	
7	D77-5	0925			1						X	X		X		X	
8	D77-3.0	1000			1						X	X		X		X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
C.A Overite			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/1/98	1530	Cal Overnite Hungtom/Pace	6/1/98	1530

SAMPLE CONDITION

Temp: 3 °C | Received on Ice: (Y) N | Seated Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562 498-9515
Fax: 562 597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980603-03
PACE ANALYTICAL WO #: 13357A
Client ID #: 8G001 SFW

Date: 6/26/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/02/98 and received on 06/03/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
BTEX (Soil)	2-3
TPH-Speciation (Soil)	4-5
CCR Metals (Soil)	6-9
List of Abbreviations and Definitions	10

In addition the analysis for 8270, 8260 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Tel. 562 498-9515
Fax. 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980603 03
PACE ANALYTICAL WO#:13357A
Client ID:8G001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	B30-S	B10-6.0	B30-3.0	B32-S	B32-3.0	B11-S	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/03/98	06/03/98	06/03/98	06/03/98	06/03/98	06/03/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	58	95	95	96	89	96	59-134

Client ID:	B11-.25	B3-S	B3-3.0	B4-S	B4-1.0	B5-S	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	06/03/98	06/03/98	06/03/98	06/03/98	06/03/98	06/03/98	06/03/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:								Acceptable Range:
a,a,a-Trifluorotoluene	98	92	95	98	94	94	98	59-134

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Pace Analytical

PACE ANALYTICAL Project#:980603-03
PACE ANALYTICAL WO#:13357A
Client ID:80001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/03/98		06/03/98	06/03/98			
Analyte							
Benzene	98	74-116	99	96	72-115	3.1	0-26
Toluene	99	73-116	100	96	70-114	4.1	0-22
Ethylbenzene	100	75-118	102	98	68-119	4.0	0-24
Total Xylenes	101	78-120	103	97	74-117	6.0	0-22

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980803-03
PACE ANALYTICAL WO#:13357A
Client ID:BG001 SFW

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	06/09/98	<10	---	10	1
D29-S	06/09/98	100	C20-C40 Oil	10	1
D29-1.0	06/09/98	<10	---	10	1
D30-S	06/09/98	140	C18-C40 Oil	10	1
D30-3.0	06/09/98	<10	---	10	1
D31-S	06/09/98	<10	---	10	1
D31-3.0	06/09/98	<10	---	10	1
D32-S	06/09/98	<10	---	10	1
D32-3.0	06/09/98	<10	---	10	1
D33-S	06/09/98	190	C16-C40 Oil	10	1
D33-3.0	06/09/98	<10	---	10	1
B11-S	06/09/98	70	C20-C40 Oil	10	1
B11-2.5	06/09/98	<10	---	10	1
B3-S	06/09/98	60	C20-C40 Oil	10	1
B3-3.0	06/09/98	<10	---	10	1
B4-S	06/09/98	80	C20-C40 Oil	10	1
B4-1.0	06/09/98	<10	---	10	1
B5-S	06/09/98	<10	---	10	1

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Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980603-03
PACE ANALYTICAL WO#:13357A
Client ID:8G001 SHW

Analyst:	BJ/VN
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D29-S	D29-1.0	D30-S	D30-3.0	D31-S	D31-3.0		EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	PRL mg/Kg	Method
Date Analyzed:	06/20/98	06/20/98	06/20/98	06/20/98	06/20/98	06/20/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	43	84	32	140	270	19	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.7	<0.5	0.6	0.6	0.8	<0.5	0.5	6010
Chromium (Cr)	49	65	31	49	19	27	0.5	6010
Cobalt (Co)	5.5	11	12	12	15	4.0	1.0	6010
Copper (Cu)	31	9.5	21	17	32	4.6	2.5	6010
Lead (Pb)	48	9.1	6.3	24	28	12	1.0	6010
Mercury (Hg)*	0.11	0.08	0.08	0.15	0.09	0.11	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	48	45	28	45	49	15	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	9.0	<5.0	7.7	<5.0	5.0	6010
Vanadium (V)	17	45	37	38	23	17	0.5	6010
Zinc (Zn)	160	27	50	48	90	20	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/11/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
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PACE ANALYTICAL Project#:980603-03
PACE ANALYTICAL WO#:13357A
Client ID:8G001 SFW

Analyst:	BJ/VN
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D32-S	D32-3.0	D33-S	D33-3.0	B11-S	B11-2.5	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/20/98	06/20/98	06/20/98	06/20/98	06/20/98	06/20/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	9.1	5.0	6010
Barium (Ba)	65	94	78	200	52	100	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	0.7	0.6	<0.5	0.5	0.7	0.5	6010
Chromium (Cr)	22	32	72	38	30	32	0.5	6010
Cobalt (Co)	7.2	8.3	15	13	5.7	7.8	1.0	6010
Copper (Cu)	38	64	32	25	36	62	2.5	6010
Lead (Pb)	74	100	12	31	400	380	1.0	6010
Mercury (Hg)*	0.18	0.71	0.10	0.14	0.27	1.3	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	21	28	110	42	23	28	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	9.0	5.6	<5.0	<5.0	5.0	6010
Vanadium (V)	23	28	31	32	24	24	0.5	6010
Zinc (Zn)	130	160	70	65	100	170	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/11/98.

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Pace Analytical

PACE ANALYTICAL Project#:980003-03
PACE ANALYTICAL WO#:13357A
Client ID:8G001 SFW

Analyst:	BJ/VN
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	B3-S	B3-3.0	B4-S	B4-1.0	B5-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/20/98	06/20/98	06/20/98	06/20/98	06/20/98	06/20/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.1	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	200	140	160	180	180	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	1.4	0.6	0.9	<0.5	0.7	<0.5	0.5	6010
Chromium (Cr)	40	15	36	23	35	<0.5	0.5	6010
Cobalt (Co)	16	5.5	10	12	13	<1.0	1.0	6010
Copper (Cu)	57	86	36	24	38	<2.5	2.5	6010
Lead (Pb)	450	99	190	65	120	<1.0	1.0	6010
Mercury (Hg)*	0.21	0.10	0.22	0.13	0.20	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	37	26	31	30	35	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	5.4	<5.0	5.0	6010
Vanadium (V)	25	15	28	22	29	<0.5	0.5	6010
Zinc (Zn)	340	150	170	70	120	<10	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/11/98

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ/VN
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/20/98		06/20/98	06/20/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	86	70-130	25**	34**	60-130	31**	0-25
Arsenic (As)	6010	85	78-104	76	85	34-135	11	0-15
Barium (Ba)	6010	96	81-117	90	97	55-130	7.5	0-25
Beryllium (Be)	6010	84	70-130	80	86	70-130	7.2	0-25
Cadmium (Cd)	6010	86	75-104	80	87	73-115	8.4	0-15
Chromium (Cr)	6010	88	81-103	91	99	62-125	4.3	0-15
Cobalt (Co)	6010	86	70-130	80	88	70-130	9.5	0-25
Copper (Cu)	6010	89	70-130	88	96	70-140	8.7	0-25
Lead (Pb)	6010	84	76-104	41**	46**	48-120	11	0-30
Mercury (Hg)*	7471	108	76-121	98	92	70-135	7	0-30
Molybdenum (Mo)	6010	89	70-130	77	86	70-130	11	0-25
Nickel (Ni)	6010	86	70-130	89	96	70-130	7.6	0-25
Selenium (Se)	6010	89	79-102	77	83	42-120	7.5	0-16
Silver (Ag)	6010	92	77-107	82	91	53-115	10	0-19
Thallium (Tl)	6010	92	70-130	82	88	70-130	7.1	0-25
Vanadium (V)	6010	90	70-130	98	106	70-130	7.8	0-25
Zinc (Zn)	6010	90	70-130	78	86	70-130	8.6	0-25

*Mercury analyzed on 06/11/98.
**Sample matrix effect.

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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June 23, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107746
Client Project ID: 980603-03

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Pace Analytical

Pace Analytical Services, Inc.
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DATE: 06/22/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107746
Client Project ID: 980603-03

Attn: Mr.RichardVillafania
Phone: (562)498-9515

Pace Sample No.: 10668853
Client Sample ID: DS-33
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/11/98	SAC1	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/11/98	SAC1	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/11/98	SAC1	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/11/98	SAC1	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/11/98	SAC1	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/11/98	SAC1	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/11/98	SAC1	11096-82-5		U
Decachlorobiphenyl (S)	114	%		*	06/11/98	SAC1	2051-24-3		
Tetrachloro-meta-xylene (S)	100	%		*	06/11/98	SAC1	877-09-8		
Date Extracted	06/08/98			*		SAC1			
Total EPA 8080	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669853
Client Sample ID: DS-33

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
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Pace Project Number: 10/746
Client Project ID: 980603-03

Pace Sample No.: 10668853
Client Sample ID: DS-33

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 simular response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668853
Client Sample ID: DS-33
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668853
Client Sample ID: DS-33

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	112	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107745
Client Project ID: 980603-03

Pace Sample No.: 10668861 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: 033-3.0 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/08/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/08/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668861
Client Sample ID: D33-3.0
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC -- Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/11/98	SJW	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/11/98	SJW	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/11/98	SJW	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/11/98	SJW	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/11/98	SJW	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/11/98	SJW	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/11/98	SJW	11096-82-5		U
Decachlorobiphenyl (S)	103	%		*	06/11/98	SJW	2051-24-3		
Tetrachloro-meta-xylene (S)	105	%		*	06/11/98	SJW	877-09-8		
Date Extracted	06/08/98			*		SJW			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668881
Client Sample ID: D33-3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/08/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/08/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/08/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/08/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/08/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/08/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/08/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/08/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/08/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/08/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/08/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668861
Client Sample ID: D33-3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/08/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/08/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/08/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/08/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/08/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/08/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/08/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/08/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/08/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/08/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/08/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/08/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/08/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/08/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/08/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/08/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668861
Client Sample ID: D33-3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/08/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	136	%		*	06/08/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/08/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/08/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/08/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10008879
Client Sample ID: BS-11
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/11/98	SJW	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/11/98	SJW	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/11/98	SJW	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/11/98	SJW	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/11/98	SJW	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/11/98	SJW	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/11/98	SJW	11096-82-5		U
Decachlorobiphenyl (S)	99	%		*	06/11/98	SJW	2051-24-3		
Tetrachloro-meta-xylene (S)	104	%		*	06/11/98	SJW	877-09-8		
Date Extracted	06/08/98			*		SJW			
Total EPA 8080	ND								

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668879 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: BS-11 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/08/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/08/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10658879
Client Sample ID: BS-11

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/08/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/08/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/08/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/08/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/08/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/08/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/08/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/08/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/08/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/08/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/08/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668879
Client Sample ID: BS-11

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/08/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/08/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/08/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/08/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/08/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/08/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/08/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/08/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/08/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/08/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/08/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/08/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/08/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/08/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/08/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/08/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-69-4		U

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Pace Project Number: 107745
Client Project ID: 980603-03

Pace Sample No.: 10668879
Client Sample ID: BS-11

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/08/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/08/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/08/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/08/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/08/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668879
Client Sample ID: BS-11

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/12/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/12/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/12/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/12/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/12/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/12/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/12/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/12/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/12/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/12/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/12/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/12/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/12/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/12/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/12/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/12/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/12/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/12/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/12/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/12/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/12/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/12/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/12/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/12/98	SAC	117-84-0		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668879 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: BS-11 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/12/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/12/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/12/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/12/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/12/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/12/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/12/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/12/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/12/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/12/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/12/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/12/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/12/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/12/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/12/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/12/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/12/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/12/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/12/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/12/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/12/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/12/98	SAC	59-50-7		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668979 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: BS-11 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/12/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/12/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/12/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/12/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.859	06/12/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/12/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/12/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/12/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/12/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/12/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/12/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/12/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/12/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/12/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/12/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/12/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/12/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/12/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/12/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/12/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	83	%		*	06/12/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	80	%		*	06/12/98	SAC	321-60-8		
2-Fluorophenol (S)	56	%		*	06/12/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	80	%		*	06/12/98	SAC	4165-60-0		

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Pace Project Number: 107748
Client Project ID: 980803-03

Pace Sample No.: 10668879
Client Sample ID: BS-11

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	51	%		*	06/12/98	SAC	13127-88-3		
Terphenyl-d14 (S)	139	%		*	06/12/98	SAC	1718-51-0		
Date Extracted	06/09/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10666887
Client Sample ID: BS-11 2.5
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/10/98	SJW	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/10/98	SJW	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/10/98	SJW	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/10/98	SJW	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/10/98	SJW	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/10/98	SJW	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/10/98	SJW	11096-82-5		U
Decachlorobiphenyl (S)	113	%		*	06/10/98	SJW	2051-24-3		
Tetrachloro-meta-xylene (S)	98	%		*	06/10/98	SJW	877-09-8		
Date Extracted	06/08/98			*		SJW			
Total EPA 8080	ND								

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Pace Project Number: 107745
Client Project ID: 980603-03

Pace Sample No.: 10668887
Client Sample ID: BS-11 2.5

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

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Pace Project Number: 107746
Client Project ID: 980503-03

Pace Sample No.: 10668887
Client Sample ID: BS-11 2.5
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

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Client Project ID: 980603-03

Pace Sample No.: 10660887
Client Sample ID: BS-11 2.5
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668887
Client Sample ID: BS-11 2.5

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	109	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	112	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668887 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: BS-11 2.5 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/12/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/12/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.864	06/12/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/12/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/12/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/12/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/12/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/12/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/12/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/12/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/12/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/12/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/12/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	28.613	06/12/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.648	06/12/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/12/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/12/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/12/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/12/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/12/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/12/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/12/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 1066887
Client Sample ID: BS-11 2.5

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.049	06/12/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/12/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/12/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/12/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/12/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	06/12/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	06/12/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/12/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/12/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/12/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/12/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/12/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/12/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/12/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/12/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/12/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/12/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	26.579	06/12/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/12/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/12/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/12/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/12/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/12/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/12/98	SAC	117-84-0		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668887 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: BS-11 2.5 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/12/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/12/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/12/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/12/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/12/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/12/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/12/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/12/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/12/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/12/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/12/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/12/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/12/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/12/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/12/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/12/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/12/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/12/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/12/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/12/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	105	%		*	06/12/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	89	%		*	06/12/98	SAC	321-60-8		
2-Fluorophenol (S)	65	%		*	06/12/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	84	%		*	06/12/98	SAC	4165-60-0		

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10660887
Client Sample ID: BS-11 2.5

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	63	%		*	06/12/98	SAC	13127-88-3		
Terphenyl-d14 (S)	174	%		*	06/12/98	SAC	1718-51-0	1	
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668895 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: BS-3 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668895 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: BS-3 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10666895 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: BS-3 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980503-03

Pace Sample No.: 10668895
Client Sample ID: BS-3

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668895
Client Sample ID: BS-3

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/12/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/12/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/12/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/12/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/12/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/12/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/12/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	166.31	06/12/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/12/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/12/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/12/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/12/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/12/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/12/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/12/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.809	06/12/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/12/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/12/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/12/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/12/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/12/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/12/98	SAC	59-50-7		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668895
Client Sample ID: BS-3
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/12/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/12/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/12/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/12/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/12/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	06/12/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	06/12/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.639	06/12/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/12/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/12/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/12/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/12/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/12/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/12/98	SAC	207-08-9		U
Benzoic Acid	trace	ug/kg	1600	264.99	06/12/98	SAC	65-85-0	2	J
Benzyl Alcohol	ND	ug/kg	660	73.25	06/12/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/12/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	26.579	06/12/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/12/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.652	06/12/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/12/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/12/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/12/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/12/98	SAC	117-84-0		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668895
Client Sample ID: BS-3

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.988	06/12/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/12/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/12/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	28.104	06/12/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/12/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/12/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/12/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/12/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/12/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/12/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/12/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/12/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/12/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/12/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/12/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/12/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/12/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/12/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/12/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/12/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	116	%		*	06/12/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	105	%		*	06/12/98	SAC	321-60-8		
2-Fluorophenol (S)	71	%		*	06/12/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	90	%		*	06/12/98	SAC	4165-60-0		

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Client Project ID: 980603-03

Pace Sample No.: 10668895
Client Sample ID: BS-3

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	60	%		*	06/12/98	SAC	13127-88-3		
Terphenyl-d14 (S)	179	%		*	06/12/98	SAC	1718-51-0	1	
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668903
Client Sample ID: B3 3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

GC/MS – VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

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Pace Project Number: 107746
Client Project ID: 980503-03

Pace Sample No.: 10068903
Client Sample ID: B3 3.0
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

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Pace Project Number: 107748
Client Project ID: 980603-03

Pace Sample No.: 10668903
Client Sample ID: B3 3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668903
Client Sample ID: B3 3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668903
Client Sample ID: B3 3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/12/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/12/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/12/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/12/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/12/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/12/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/12/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/12/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/12/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/12/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/12/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/12/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/12/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/12/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/12/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/12/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/12/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/12/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/12/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/12/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/12/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/12/98	SAC	59-50-7		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668003
Client Sample ID: B3 3.0
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/12/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/12/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/12/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/12/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/12/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/12/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/12/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/12/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/12/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/12/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/12/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/12/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/12/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/12/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/12/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/12/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/12/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/12/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/12/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/12/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.139	06/12/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/12/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/12/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/12/98	SAC	117-84-0		U

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Client Project ID: 980603-03

Pace Sample No.: 10668903
Client Sample ID: B3 3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/12/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/12/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/12/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/12/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.660	06/12/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/12/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/12/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/12/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/12/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/12/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/12/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/12/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/12/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/12/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/12/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/12/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/12/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/12/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/12/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/12/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	102	%		*	06/12/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	96	%		*	06/12/98	SAC	321-60-8		
2-Fluorophenol (S)	64	%		*	06/12/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	83	%		*	06/12/98	SAC	4165-60-0		

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10666903
Client Sample ID: B3 3.0
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	55	%		*	06/12/98	SAC	13127-88-3		
Terphenyl-d14 (S)	199	%		*	06/12/98	SAC	1718-51-0	1	
Date Extracted	06/08/98			-		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668911
Client Sample ID: BS-4
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/10/98	SJW	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/10/98	SJW	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/10/98	SJW	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/10/98	SJW	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/10/98	SJW	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/10/98	SJW	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/10/98	SJW	11096-82-5		U
Decachlorobiphenyl (S)	118	%		*	06/10/98	SJW	2051-24-3		
Tetrachloro-meta-xylene (S)	103	%		*	06/10/98	SJW	877-09-8		
Date Extracted	06/08/98			*		SJW			
Total EPA 8080	ND								

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10568911
Client Sample ID: BS-4

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

GC/MS - VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

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Pace Project Number: 107746
Client Project ID: 980803-03

Pace Sample No.: 10668911 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: BS-4 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668911
Client Sample ID: BS-4

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

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Pace Analytical

Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668911
Client Sample ID: BS-4

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Client Project ID: 980603-03

Pace Sample No.: 10668911
Client Sample ID: BS-4
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/12/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/12/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/12/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/12/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.493	06/12/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/12/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/12/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/12/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.503	06/12/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/12/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/12/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/12/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/12/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/12/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/12/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/12/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/12/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/12/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/12/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/12/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/12/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/12/98	SAC	59-50-7		U

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Client Project ID: 980603-03

Pace Sample No.: 10668911
Client Sample ID: BS-4

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/12/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/12/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/12/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/12/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/12/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/12/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/12/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	36.839	06/12/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/12/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/12/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/12/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/12/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/12/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/12/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/12/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/12/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/12/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/12/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/12/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/12/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.136	06/12/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/12/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/12/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/12/98	SAC	117-84-0		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668911
Client Sample ID: BS-4
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/12/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/12/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/12/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/12/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/12/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/12/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/12/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/12/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/12/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/12/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/12/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/12/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/12/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/12/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/12/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/12/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/12/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/12/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/12/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/12/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	41	%		*	06/12/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	104	%		*	06/12/98	SAC	321-60-8		
2-Fluorophenol (S)	43	%		*	06/12/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	92	%		*	06/12/98	SAC	4165-60-0		

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10808911 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: BS-4 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	55	%		*	06/12/98	SAC	13127-88-3		
Terphenyl-d14 (S)	222	%		*	06/12/98	SAC	1718-51-0	1	
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10868929 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: B4-1.0 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.098	0.0088	06/11/98	SJW	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.098	0.0099	06/11/98	SJW	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.098	*	06/11/98	SJW	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.098	*	06/11/98	SJW	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.098	*	06/11/98	SJW	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.098	*	06/11/98	SJW	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.098	0.0899	06/11/98	SJW	11096-82-5		U
Decachlorobiphenyl (S)	109	%		*	06/11/98	SJW	2051-24-3		
Tetrachloro-meta-xylene (S)	118	%		*	06/11/98	SJW	877-09-8		
Date Extracted	06/08/98			*		SJW			
Total EPA 8080	ND								

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Client Project ID: 980603-03

Pace Sample No.: 10068929 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: B4-1.0 Date Received: 06/04/98

GC/MS - VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10568929
Client Sample ID: B4-1.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

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Client Project ID: 980603-03

Pace Sample No.: 10868929
Client Sample ID: B4-1.0
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2 Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668929
Client Sample ID: B4-1.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668929
Client Sample ID: B4-1.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/12/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/12/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/12/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/12/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/12/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/12/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/12/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/12/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/12/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/12/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/12/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/12/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/12/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/12/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/12/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/12/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/12/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/12/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/12/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/12/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/12/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/12/98	SAC	59-50-7		U

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Client Project ID: 980603-03

Pace Sample No.: 10668929
Client Sample ID: B4-1.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/12/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/12/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/12/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/12/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/12/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/12/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/12/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/12/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/12/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/12/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/12/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/12/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/12/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/12/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/12/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/12/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/12/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/12/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/12/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/12/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/12/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/12/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/12/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/12/98	SAC	117-84-0		U

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Client Project ID: 980603-03

Pace Sample No.: 10668929
Client Sample ID: B4-1.0
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/12/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/12/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/12/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/12/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/12/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/12/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/12/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/12/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/12/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/12/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.939	06/12/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/12/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/12/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/12/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/12/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/12/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/12/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/12/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/12/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/12/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	86	%		*	06/12/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	86	%		*	06/12/98	SAC	321-60-8		
2-Fluorophenol (S)	53	%		*	06/12/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	78	%		*	06/12/98	SAC	4165-60-0		

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668929
Client Sample ID: B4-1.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	49	%		*	06/12/98	SAC	13127-88-3		
Terphenyl-d14 (S)	183	%		*	06/12/98	SAC	1718-51-0	1	
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Analytical

Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668937 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: B5-S Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/11/98	SJW	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/11/98	SJW	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/11/98	SJW	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/11/98	SJW	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/11/98	SJW	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/11/98	SJW	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/11/98	SJW	11096-82-5		U
Decachlorobiphenyl (S)	102	%		*	06/11/98	SJW	2051-24-3		
Tetrachloro-meta-xylene (S)	99	%		*	06/11/98	SJW	877-09-8		
Date Extracted	06/08/98			*		SJW			
Total EPA 8080	ND								

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668937
Client Sample ID: B5-S
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18 4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668937
Client Sample ID: B5-S

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668937 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: B5-S Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668937 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: B5-S Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	134	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	112	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668937
Client Sample ID: B5-S

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270				Prep Method: EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/15/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/15/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.864	06/15/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/15/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/15/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/15/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/15/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/15/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/15/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/15/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/15/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/15/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/15/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/15/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/15/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/15/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/15/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/15/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/15/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/15/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/15/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/15/98	SAC	59-50-7		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10869937
Client Sample ID: B5-S

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.549	06/15/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/15/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/15/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/15/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/15/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/15/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/15/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/15/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/15/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/15/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/15/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/15/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/15/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/15/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/15/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/15/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/15/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/15/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/15/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/15/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/15/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/15/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/15/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/15/98	SAC	117-84-0		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668937 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: B5-S Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/15/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/15/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/15/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/15/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/15/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/15/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/15/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/15/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/15/98	SAC	77-47 4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/15/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/15/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/15/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/15/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/15/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/15/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/15/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/15/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/15/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/15/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/15/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	50	%		*	06/15/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	88	%		*	06/15/98	SAC	321-60-8		
2-Fluorophenol (S)	46	%		*	06/15/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	84	%		*	06/15/98	SAC	4165-60-0		

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10608937
Client Sample ID: B5-S

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	58	%		*	06/15/98	SAC	13127-88-3		
Terphenyl-d14 (S)	180	%		*	06/15/98	SAC	1718-51-0	1	
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668994 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: DS-29 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/11/98	SJW	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/11/98	SJW	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/11/98	SJW	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/11/98	SJW	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/11/98	SJW	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/11/98	SJW	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/11/98	SJW	11096-82-5		U
Decachlorobiphenyl (S)	98	%		*	06/11/98	SJW	2051-24-3		
Tetrachloro-meta-xylene (S)	103	%		*	06/11/98	SJW	877-09-8		
Date Extracted	06/08/98			*		SJW			
Total EPA 8080	ND								

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668994
Client Sample ID: DS-29
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/08/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/08/98	TAW	78-93-3		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668994
Client Sample ID: DS-29

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/08/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/08/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/08/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/08/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/08/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/08/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/08/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/08/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/08/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/08/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/08/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-71-8		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668994 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: DS-29 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/08/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/08/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/08/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/08/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/08/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/08/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/08/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/08/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/08/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/08/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/08/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/08/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/08/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/08/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/08/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/08/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10668994 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: DS-29 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/08/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	134	%		*	06/08/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/08/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/08/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/08/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10069000
Client Sample ID: D29-1.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.000	06/11/98	SJW	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/11/98	SJW	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/11/98	SJW	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/11/98	SJW	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/11/98	SJW	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/11/98	SJW	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/11/98	SJW	11096-82-5		U
Decachlorobiphenyl (S)	123	%		*	06/11/98	SJW	2051-24-3		
Tetrachloro-meta-xylene (S)	126	%		*	06/11/98	SJW	877-09-8		
Date Extracted	06/08/98			*		SJW			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669000 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: D29-1.0 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/08/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/08/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669000
Client Sample ID: D29-1.0
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/08/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/08/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/08/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/08/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/08/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/08/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/08/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/08/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/08/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/08/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/08/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10689000
Client Sample ID: D29-1.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/08/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/08/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/08/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/08/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/08/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/08/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/08/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/08/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/08/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/08/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/08/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/08/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/08/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/08/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/08/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/08/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669000
Client Sample ID: D29-1.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/08/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	134	%		*	06/08/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	110	%		*	06/08/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/08/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/08/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669016
Client Sample ID: DS-31
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - SemI-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.094	0.0084	06/11/98	SJW	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.094	0.0095	06/11/98	SJW	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.094	*	06/11/98	SJW	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.094	*	06/11/98	SJW	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.094	*	06/11/98	SJW	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.094	*	06/11/98	SJW	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.094	0.0862	06/11/98	SJW	11096-82-5		U
Decachlorobiphenyl (S)	123	%		*	06/11/98	SJW	2051-24-3		
Tetrachloro-meta-xylene (S)	106	%		*	06/11/98	SJW	877-09-8		
Date Extracted	06/08/98			*		SJW			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669018
Client Sample ID: DS-31
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/08/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/08/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/08/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/08/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/08/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/08/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/08/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/08/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/08/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/08/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/08/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669018 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: DS-31 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/08/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/08/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10659018
Client Sample ID: DS-31

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/08/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/08/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/08/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/08/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/08/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/08/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/08/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/08/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/08/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/08/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/08/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/08/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/08/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/08/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/08/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/08/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-69-4		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669018
Client Sample ID: DS-31
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/08/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/08/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	110	%		*	06/08/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/08/98	TAW	1868-53-7		
Toluene-d8 (S)	114	%		*	06/08/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 06/22/98

Pace Project Number: 107748
Client Project ID: 980603-03

Pace Sample No.: 10669026
Client Sample ID: D31-3.0
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/11/98	SJW	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/11/98	SJW	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/11/98	SJW	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/11/98	SJW	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/11/98	SJW	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/11/98	SJW	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/11/98	SJW	11096-82-5		U
Decachlorobiphenyl (S)	115	%		*	06/11/98	SJW	2051-24-3		
Tetrachloro-meta-xylene (S)	110	%		*	06/11/98	SJW	877-09-8		
Date Extracted	06/08/98			*		SJW			
Total EPA 8080	ND								

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669026
Client Sample ID: D31-3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/08/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/08/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669026
Client Sample ID: D31-3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/08/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/08/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/08/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/08/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/08/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/08/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/08/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/08/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/08/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/08/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/08/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-71-8		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669026
Client Sample ID: 031-3.0
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/08/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/08/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/08/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/08/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/08/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/08/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/08/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/08/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/08/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/08/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/08/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/08/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/08/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/08/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/08/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/08/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669026 Date Collected: 06/02/98 Matrix: Soil
Client Sample ID: D31-3.0 Date Received: 06/04/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/08/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/08/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/08/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/08/98	TAW	1868-53-7		
Toluene-d8 (S)	112	%		*	06/08/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669034
Client Sample ID: ~~B630~~ D30-5

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/12/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/12/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/12/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/12/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/12/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.698	06/12/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/12/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/12/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/12/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/12/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/12/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/12/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/12/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/12/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/12/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/12/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/12/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/12/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/12/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/12/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/12/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/12/98	SAC	59-50-7		U

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669034
Client Sample ID: ~~D030~~ D30-S

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/12/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/12/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/12/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/12/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/12/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	06/12/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	06/12/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/12/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/12/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/12/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/12/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/12/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/12/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/12/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/12/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/12/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/12/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/12/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/12/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/12/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/12/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/12/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	83.556	06/12/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/12/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10660034
Client Sample ID: ~~SS1-~~ D30-S

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/12/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/12/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/12/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/12/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/12/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/12/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/12/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/12/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/12/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/12/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/12/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/12/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/12/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/12/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/12/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/12/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/12/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/12/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/12/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/12/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	88	%		*	06/12/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	79	%		*	06/12/98	SAC	321-60-8		
2-Fluorophenol (S)	60	%		*	06/12/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	74	%		*	06/12/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10869034
Client Sample ID: DS 3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	54	%		*	06/12/98	SAC	13127-88-3		
Terphenyl-d14 (S)	134	%		*	06/12/98	SAC	1718-51-0		
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669042
Client Sample ID: D30-3.0
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/12/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/12/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/12/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/12/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/12/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/12/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/12/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/12/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/12/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/12/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/12/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/12/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/12/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/12/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/12/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/12/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/12/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/12/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/12/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/12/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/12/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/12/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669042
Client Sample ID: D30-3.0
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/12/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/12/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/12/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/12/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/12/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/12/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/12/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/12/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/12/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/12/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/12/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/12/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/12/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/12/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/12/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/12/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/12/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/12/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/12/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	80.552	06/12/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/12/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/12/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/12/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/12/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10869042
Client Sample ID: D30-3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.988	06/12/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/12/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/12/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/12/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.059	06/12/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/12/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/12/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/12/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.641	06/12/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/12/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/12/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/12/98	SAC	78-59-1		U
N-Nitroso di-n-propylamine	ND	ug/kg	330	37.743	06/12/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/12/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/12/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/12/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/12/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/12/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/12/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/12/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	89	%		*	06/12/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	85	%		*	06/12/98	SAC	321-60-8		
2-Fluorophenol (S)	68	%		*	06/12/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	86	%		*	06/12/98	SAC	4165-60-0		

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669042
Client Sample ID: D30-3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	67	%		*	06/12/98	SAC	13127-88-3		
Terphenyl-d14 (S)	171	%		*	06/12/98	SAC	1718-51-0	1	
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669059
Client Sample ID: ~~DB-02~~ D32-S

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/12/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/12/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/12/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/12/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/12/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/12/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/12/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/12/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.503	06/12/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/12/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.226	06/12/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/12/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/12/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/12/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/12/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/12/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/12/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/12/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/12/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/12/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/12/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/12/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669059
Client Sample ID: ~~D3-02~~ D32-S

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/12/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/12/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/12/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/12/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/12/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/12/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/12/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/12/98	SAC	208-96-8		U
Anthracene	trace	ug/kg	330	38.787	06/12/98	SAC	120-12-7	2	J
Benzo(a)anthracene	440	ug/kg	330	39.930	06/12/98	SAC	56-55-3		
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/12/98	SAC	50-32-8		U
Benzo(b)fluoranthene	660	ug/kg	330	71.700	06/12/98	SAC	205-99-2		
Benzo(g,h,i)perylene	ND	ug/kg	330	38.614	06/12/98	SAC	191-24-2		U
Benzo(k)fluoranthene	trace	ug/kg	330	50.095	06/12/98	SAC	207-08-9	2	J
Benzoic Acid	ND	ug/kg	1600	264.99	06/12/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.26	06/12/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/12/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/12/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/12/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/12/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.139	06/12/98	SAC	85-68-7		U
Chrysene	430	ug/kg	330	49.277	06/12/98	SAC	218-01-9		
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/12/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/12/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street Suite 200
Minneapolis, MN 55414
Tel: 612 607-6400
Fax: 612-607-6444

Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669059
Client Sample ID: D3-32
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/12/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/12/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/12/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/12/98	SAC	131-11-3		U
Fluoranthene	790	ug/kg	330	40.659	06/12/98	SAC	206 44-0		
Fluorene	ND	ug/kg	330	39.123	06/12/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/12/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.601	06/12/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/12/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/12/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/12/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/12/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/12/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/12/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/12/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/12/98	SAC	08-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/12/98	SAC	87-86-5		U
Phenanthrene	1200	ug/kg	330	39.463	06/12/98	SAC	85-01-8		
Phenol	ND	ug/kg	330	49.142	06/12/98	SAC	108-95-2		U
Pyrene	1700	ug/kg	330	34.334	06/12/98	SAC	129-00-0		
2,4,6-Tribromophenol (S)	78	%		*	06/12/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	67	%		*	06/12/98	SAC	321-60-8		
2-Fluorophenol (S)	52	%		*	06/12/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	64	%		*	06/12/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10869059
Client Sample ID: D3-32
Date Collected: 06/02/98
Date Received: 06/04/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	45	%		*	06/12/98	SAC	13127-88-3		
Terphenyl-d14 (S)	90	%		*	06/12/98	SAC	1718-51-0		
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	**5110**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669067
Client Sample ID: D32-3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/12/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/12/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/12/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/12/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.463	06/12/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/12/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/12/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/12/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/12/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/12/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/12/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/12/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/12/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.813	06/12/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/12/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/12/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/12/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/12/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/12/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/12/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/12/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/12/98	SAC	59-50-7		U

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1700 Elm Street - Suite 200
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Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669067
Client Sample ID: D32-3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/12/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/12/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/12/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/12/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/12/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/12/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/12/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/12/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/12/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/12/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/12/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/12/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/12/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/12/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/12/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/12/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/12/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	26.579	06/12/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/12/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/12/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/12/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/12/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/12/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/12/98	SAC	117-84-0		U

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Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10669087
Client Sample ID: D32-3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/12/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/12/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/12/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/12/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/12/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/12/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/12/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/12/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/12/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/12/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/12/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/12/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/12/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/12/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/12/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/12/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/12/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/12/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/12/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	34.334	06/12/98	SAC	129-00-0	2	J
2,4,6-Tribromophenol (S)	84	%		*	06/12/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	98	%		*	06/12/98	SAC	321-60-8		
2-Fluorophenol (S)	66	%		*	06/12/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	91	%		*	06/12/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107746
Client Project ID: 980603-03

Pace Sample No.: 10869067
Client Sample ID: D32-3.0

Date Collected: 06/02/98
Date Received: 06/04/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol d6 (S)	68	%		*	06/12/98	SAC	13127-88-3		
Terphenyl-d14 (S)	173	%		*	06/12/98	SAC	1718-51-0	1	
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-6400
Fax: 612-607-6444

Pace Project Number: 107746
Client Project ID: 980603-03

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	The surrogate recovery was outside QC acceptance limits due to matrix interference.
[2]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SFW		*Requested Due Date: 6/16/98
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/2/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	8020	8260	8270	5080 PCB	CAM 17	REMARKS
1	D29-5	0813									X		X		X	X	
2	D29-1.0	0824									X		X		X	X	
3	D30-5	0859									X	X		X		X	
4	D30-3.0	0929									X	X		X		X	
5	D31-5	1015									X		X		X	X	
6	D31-3.0	1025									X		X		X	X	
7	D32-5	1124									X	X		X		X	
8	D32-3.0	1131									X	X		X		X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/2/98	1530	CALIFORNIA OVERNIGHT	6/2/98	
				Kingston Pace	6/3/98	1000

SAMPLE CONDITION

Temp: 5.0 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

98603-03

423391

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI

Address: 1320 W. WINTON AVE
HAYWARD CA 94545

Phone: 510-785-1111

Report To: FRANK POSS

Bill To: SAME

P.O. # / Billing Reference: 86001 SFW

Project Name / No.: CALTRANS SFW

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No:

Pace Project Manager:

Pace Project No:

*Requested Due Date: 6/16/98

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT

Date Sampled: 6/2/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020	8260	8270	8080 PCB	CAM 17	REMARKS
1	B33-5	1244									X		X		X	X	
2	B33-3.0	1257									X		X		X	X	
3	B11-5	1150									X	X	X	X	X	X	
4	B11-2.5	1201									X	X	X	X	X	X	
5	B3-5	1352 1340									X	X	X	X		X	
6	B3-3.0	1400 1352									X	X	X	X		X	
7	B4-5	1343									X	X	X	X	X	X	
8	B4-1.0	1348									X	X	X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/2/98	1530	CALIFORNIA OVERNIGHT	6/2/98	
				Hazleton/Pace	6/3/98	0800

SAMPLE CONDITION

Temp: 5.0 °C | Received on Ice: (Y) / N | Sealed Cooler: (Y) / N | Samples Intact: (Y) / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

1235'4
980603-03

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI
Address: 1320 W. WINTON AVE
HAYWARD CA 94545
Phone: 510 785 1111

Report To: FRANK POSS
Bill To: SAME
P.O. # / Billing Reference: 86001 SFW
Project Name / No.: CALTRANS SEW

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6/16/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 6/2/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020	8260	8270	8080 PCB	CAM 17	REMARKS
1	B5-5	1340									X	X	X	X	X	X	
2																	
3																	
4																	
5																	
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/2/98	1530	CALIFORNIA OVERNIGHT	6/2/98	
				Ayleen/Pace	6/3/98	1000

SAMPLE CONDITION

Temp: 5.0 °C | Received on Ice: (Y) / N | Sealed Cooler: (Y) / N | Samples Intact: (Y) / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8-97

SITE INVESTIGATION REPORT
VOLUME 11 (APPENDIX C)

WEST APPROACH PROJECT INCLUDING
TRANSBAY TERMINAL LOOP
SAN FRANCISCO, CALIFORNIA

prepared for

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

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

prepared by

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
Environmental Engineering Branch
&
Professional Servico Industries, Inc.
1320 West Winton Avenue
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June, 1999
575-8G001

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
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Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980604-03
PACE ANALYTICAL WO #: 13366A
Client ID #: 8G001 SFW

Date: 6/26/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/03/98 and received on 06/04/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
BTEX (Soil)	2-3
TPH-Speciation (Soil)	4-5
CCR Metals (Soil)	6-11
List of Abbreviations and Definitions	12

In addition the analysis for 8270, 8260 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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PACE ANALYTICAL Project#:980503-03
PACE ANALYTICAL WO#:13366A
Client ID:aG001 SFW

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	D34-S	D34-3.0	D36-S	D36-3.0	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	06/05/98	06/05/98	06/05/98	06/05/98	06/05/98	
Analyte						
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	
Surrogate Recovery %:						Acceptable Range:
a,a,a-Trifluorotoluene	93	97	96	95	99	59-134

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/05/98		06/05/98	06/05/98			
Analyte							
Benzene	97	74-116	93	96	72-115	3.2	0-26
Toluene	99	73-116	94	98	70-114	4.2	0-22
Ethylbenzene	100	75-118	96	100	68-119	4.1	0-24
Total Xylenes	101	78-120	97	100	74-117	3.0	0-22

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Pace Analytical

PACE ANALYTICAL Project#:980603-03
PACE ANALYTICAL WO#:13388A
Client ID:80001 SFW

Analyst: RG
Preparation Analyst: WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	06/10/98	<10	---	10	1
D34-S	06/10/98	<10	---	10	1
D34-3.0	06/10/98	<10	---	10	1
D35-S	06/10/98	<10	---	10	1
D35-3.0	06/10/98	<10	---	10	1
D36-S	06/10/98	<10	---	10	1
D36-3.0	06/10/98	<10	---	10	1
D37-S	06/10/98	160	C18-C40 Oil	10	1
D37-3.0	06/10/98	<10	---	10	1
B1-S	06/10/98	<10	---	10	1
B1-2.0	06/10/98	<10	---	10	1
B2-S	06/10/98	<10	---	10	1
B6-S	06/10/98	50	C20-C40 Oil	10	1
B7-S	06/10/98	<10	---	10	1
B8-S	06/10/98	110	C20-C40 Oil	10	1
TF21-1-S	06/10/98	240	C20-C40 Oil	10	1
TF21-1-1.0	06/10/98	140	C20-C40 Oil	10	1
TF22-1-S	06/10/98	60	C20-C40 Oil	10	1
TF22-1-1.0	06/10/98	<10	---	10	1

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG
Preparation Analyst: WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/10/98		06/10/98	06/10/98			
TPH-Speciation	108	80-120	109	117	70-130	7.1	0-30

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Analyst:	BJ/VN
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D35-3.0	D36-S	D36-3.0	D37-S	D37-3.0	B1-S	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/20/98	06/20/98	06/20/98	06/20/98	06/20/98	06/20/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	180	160	220	47	11	220	10	6010
Beryllium (Be)	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.7	1.2	0.6	1.2	<0.5	0.6	0.5	6010
Chromium (Cr)	23	26	32	30	21	27	0.5	6010
Cobalt (Co)	15	12	15	5.9	3.7	12	1.0	6010
Copper (Cu)	28	43	30	170	3.5	36	2.5	6010
Lead (Pb)	14	75	25	140	2.2	160	1.0	6010
Mercury (Hg)*	0.07	0.20	0.11	0.66	0.06	0.21	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	37	64	46	28	15	26	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	7.2	<5.0	7.3	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	25	22	27	23	17	22	0.5	6010
Zinc (Zn)	73	110	73	300	64	180	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/11/98.

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PACE ANALYTICAL Project#:980603-03
PACE ANALYTICAL WO#:13368A
Client ID:860001 SFW

Analyst: BJ/VN
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	B1-2.0	B2-S	B6-S	B7-S	B8-S	TF21-1-S	PRL	EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Method
Date Analyzed:	06/20/98	06/20/98	06/20/98	06/20/98	06/20/98	06/20/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	5.1	<5.0	6.8	5.0	6010
Barium (Ba)	150	220	200	230	100	270	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	2.8	1.0	0.9	0.8	1.1	1.3	0.5	6010
Chromium (Cr)	15	22	29	24	26	37	0.5	6010
Cobalt (Co)	7.2	9.7	16	15	5.6	31	1.0	6010
Copper (Cu)	13	45	48	39	44	47	2.5	6010
Lead (Pb)	51	290	520	100	1800	600	1.0	6010
Mercury (Hg)*	0.11	0.23	0.17	0.15	0.18	0.57	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	17	25	36	42	24	57	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	5.1	6.5	<5.0	6.6	5.0	6010
Vanadium (V)	15	22	31	28	21	32	0.5	6010
Zinc (Zn)	360	240	190	180	350	270	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/11/98.

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PACE ANALYTICAL Project#:980603-03
PACE ANALYTICAL WO#:13365A
Client ID:8G001 SFW

Analyst:	BJ/VN
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TF21-1-1.0	TF22-1-S	TF22-1-1	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/20/98	06/20/98	06/20/98	06/20/98		
Analyte						
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	250	140	320	<10	10	6010
Beryllium (Be)	0.5	<0.5	0.8	<0.5	0.5	6010
Cadmium (Cd)	0.7	1.0	<0.5	<0.5	0.5	6010
Chromium (Cr)	30	30	14	<0.5	0.5	6010
Cobalt (Co)	13	7.4	16	<1.0	1.0	6010
Copper (Cu)	40	41	13	<2.5	2.5	6010
Lead (Pb)	220	540	72	<1.0	1.0	6010
Mercury (Hg)*	0.16	0.24	0.10	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	36	30	21	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	27	24	20	<0.5	0.5	6010
Zinc (Zn)	140	190	62	<10	10	6010
DF	1	1	1	1		

*Mercury analyzed on 06/11/98.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ/VN
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		06/20/98		06/20/98	06/20/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	84	70-130	31**	36**	60-130	15	0-25
Arsenic (As)	6010	81	78-104	92	92	34-135	0.0	0-15
Barium (Ba)	6010	95	81-117	95	94	55-130	1.1	0-25
Beryllium (Be)	6010	84	70-130	83	84	70-130	1.2	0-25
Cadmium (Cd)	6010	84	75-104	86	86	73-115	0.0	0-15
Chromium (Cr)	6010	80	81-103	101	90	62-125	5.1	0-15
Cobalt (Co)	6010	84	70-130	86	85	70-130	1.2	0-25
Copper (Cu)	6010	87	70-130	87***	91***	70-140	4.5	0-25
Lead (Pb)	6010	83	76-104	83***	87***	48-120	4.7	0-30
Mercury (Hg)*	7471	109	76-121	101	103	70-135	2.0	0-30
Molybdenum (Mo)	6010	96	70-130	85	87	70-130	2.3	0-25
Nickel (Ni)	6010	84	70-130	109	99	70-130	9.6	0-25
Selenium (Se)	6010	85	79-102	82	78	42-120	5.0	0-16
Silver (Ag)	6010	90	77-107	90	89	53-115	1.1	0-19
Thallium (Tl)	6010	82	70-130	95	96	70-130	0.0	0-25
Vanadium (V)	6010	87	70-130	103	97	70-130	6.0	0-25
Zinc (Zn)	6010	87	70-130	95	76	70-130	22	0-25

*Mercury analyzed on 06/11/98.
**Sample matrix effect.
*** MS/MSD outside control limits due to matrix effect. LCS/LCSD used as control.

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Analyst:	BJ/VN
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D34-S	D34-3.0	D36-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/20/98	06/20/98	06/20/98	06/20/98		
Analyte						
Antimony (Sb)	6.2	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	210	110	150	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	<0.5	0.6	<0.5	0.5	6010
Chromium (Cr)	29	40	28	<0.5	0.5	6010
Cobalt (Co)	13	9.4	12	<1.0	1.0	6010
Copper (Cu)	39	17	36	<2.5	2.5	6010
Lead (Pb)	160	25	74	<1.0	1.0	6010
Mercury (Hg)*	0.29	0.12	0.22	<0.10	0.10	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	30	30	34	<0.5	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	5.8	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	25	32	28	<0.5	0.5	6010
Zinc (Zn)	110	46	110	<10	10	6010
DF	1	1	1	1		

*Mercury analyzed on 06/11/98.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ/VN
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		06/20/98		06/20/98	06/20/98			
Analyte	EPA Method							
Antimony (Sb)	6010	84	70-130	25**	34**	60-130	30**	0-25
Arsenic (As)	6010	81	78-104	78	85	34-135	11	0-15
Barium (Ba)	6010	96	81-117	90	97	55-130	7.5	0-25
Beryllium (Be)	6010	84	70-130	80	86	70-130	7.2	0-25
Cadmium (Cd)	6010	84	75-104	80	87	73-115	8.4	0-15
Chromium (Cr)	6010	86	81-103	91	95	62-128	4.3	0-15
Cobalt (Co)	6010	84	70-130	80	88	70-130	9.5	0-25
Copper (Cu)	6010	87	70-130	88	96	70-140	8.7	0-25
Lead (Pb)	6010	83	78-104	41**	46**	48-120	11	0-30
Mercury (Hg)*	7471	106	76-121	98	92	70-135	7	0-30
Molybdenum (Mo)	6010	86	70-130	77	86	70-130	11	0-25
Nickel (Ni)	6010	84	70-130	89	96	70-130	7.6	0-25
Selenium (Se)	6010	85	79-102	77	83	42-120	7.5	0-16
Silver (Ag)	6010	90	77-107	82	91	53-115	10	0-19
Thallium (Tl)	6010	82	70-130	82	88	70-130	7.1	0-25
Vanadium (V)	6010	87	70-130	98	106	70-130	7.8	0-25
Zinc (Zn)	6010	87	70-130	78	95	70-130	9.6	0-25

*Mercury analyzed on 06/11/98.

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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DATE: 06/22/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107781
Client Project ID: 980604-03

Attn: Mr.RichardVillafania
Phone: (562)498-9515

Pace Sample No.: 10670719
Client Sample ID: D34 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670719
Client Sample ID: D34 S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/11/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/11/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/11/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/11/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/11/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/11/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/11/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/11/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/11/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/11/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/11/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/11/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/11/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/11/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/11/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.969	06/11/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/11/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/11/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/11/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/11/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/11/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/11/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670719
Client Sample ID: D34 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/11/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/11/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/11/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/11/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/11/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/11/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/11/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/11/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/11/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/11/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/11/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/11/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/11/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/11/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/11/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/11/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/11/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/11/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/11/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/11/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/11/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/11/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/11/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/11/98	SAC	117-84-0		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670719
Client Sample ID: D34 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/11/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/11/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/11/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/11/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	330	40.659	06/11/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	330	39.123	06/11/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/11/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/11/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/11/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/11/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.939	06/11/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/11/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/11/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/11/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/11/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/11/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/11/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.483	06/11/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/11/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/11/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	58	%		*	06/11/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	85	%		*	06/11/98	SAC	321-60-8		
2-Fluorophenol (S)	74	%		*	06/11/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	89	%		*	06/11/98	SAC	4165-60-0		

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670719
Client Sample ID: D34 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	88	%		*	06/11/98	SAC	13127-88-3		
Terphenyl-d14 (S)	122	%		*	06/11/98	SAC	1718-51-0		
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670727
Client Sample ID: D34 3.0
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/11/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/11/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/11/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/11/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/11/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/11/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/11/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/11/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/11/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/11/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.226	06/11/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/11/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/11/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/11/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/11/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/11/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/11/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/11/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/11/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/11/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/11/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/11/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670727
Client Sample ID: D34 3,0

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/11/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/11/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/11/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/11/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/11/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/11/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/11/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/11/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/11/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/11/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/11/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/11/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/11/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/11/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/11/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/11/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/11/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/11/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/11/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.582	06/11/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/11/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/11/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.656	06/11/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/11/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670727
Client Sample ID: D34 3.0
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/11/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/11/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/11/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/11/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/11/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/11/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/11/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/11/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/11/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/11/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/11/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.188	06/11/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/11/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/11/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/11/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/11/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/11/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/11/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/11/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/11/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	53	%		*	06/11/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	80	%		*	06/11/98	SAC	321-60-8		
2-Fluorophenol (S)	72	%		*	06/11/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	85	%		*	06/11/98	SAC	4165-60-0		

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670727 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: D34 3.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	79	%		*	06/11/98	SAC	13127-88-3		
Terphenyl-d14 (S)	114	%		*	06/11/98	SAC	1718-51-0		
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10870735
Client Sample ID: D36 S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/11/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/11/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/11/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/11/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/11/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/11/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/11/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/11/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/11/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/11/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/11/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/11/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/11/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.813	06/11/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/11/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/11/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/11/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.099	06/11/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/11/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/11/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/11/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/11/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10870735
Client Sample ID: D36 S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/11/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/11/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/11/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/11/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/11/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/11/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/11/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/11/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/11/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/11/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/11/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/11/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/11/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/11/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/11/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/11/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/11/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/11/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.594	06/11/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	06/11/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	98.138	06/11/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/11/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/11/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/11/98	SAC	117-84-0		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670735
Client Sample ID: D36 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/11/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/11/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/11/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/11/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/11/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/11/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/11/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/11/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/11/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/11/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/11/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.198	06/11/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/11/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/11/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/11/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/11/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/11/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/11/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/11/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	34.334	06/11/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	54	%		*	06/11/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	77	%		*	06/11/98	SAC	321-60-8		
2-Fluorophenol (S)	78	%		*	06/11/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	91	%		*	06/11/98	SAC	4165-60-0		

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670735 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: D36 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	88	%		*	06/11/98	SAC	13127-88-3		
Terphenyl-d14 (S)	141	%		*	06/11/98	SAC	1718-51-0		
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670743
Client Sample ID: D36 3.0

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/11/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/11/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/11/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/11/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/11/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/11/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/11/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/11/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/11/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/11/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/11/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/11/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/11/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/11/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/11/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/11/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/11/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/11/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/11/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/11/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/11/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/11/98	SAC	59-50-7		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670743
Client Sample ID: 036 3.0
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/11/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/11/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/11/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/11/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/11/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	06/11/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	06/11/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/11/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/11/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/11/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/11/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/11/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/11/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/11/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	284.99	06/11/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/11/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/11/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/11/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)other	ND	ug/kg	330	43.694	06/11/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/11/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/11/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/11/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/11/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/11/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670743 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: D36 3.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/11/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/11/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/11/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/11/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/11/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/11/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/11/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/11/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/11/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/11/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/11/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/11/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/11/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/11/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/11/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/11/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/11/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.483	06/11/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/11/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/11/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	52	%		*	06/11/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	82	%		*	06/11/98	SAC	321-60-8		
2-Fluorophenol (S)	70	%		*	06/11/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	84	%		*	06/11/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670743
Client Sample ID: D36 3.0

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	81	%		*	06/11/98	SAC	13127-88-3		
Terphenyl-d14 (S)	127	%		*	06/11/98	SAC	1718-51-0		
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107751
Client Project ID: 980604-03

Pace Sample No.: 10670750 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: D35 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/11/98	SAC1	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/11/98	SAC1	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/11/98	SAC1	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/11/98	SAC1	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/11/98	SAC1	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/11/98	SAC1	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/11/98	SAC1	11096-82-5		U
Decachlorobiphenyl (S)	102	%		*	06/11/98	SAC1	2051-24-3		
Tetrachloro-meta-xylene (S)	103	%		*	06/11/98	SAC1	877-09-8		
Date Extracted	06/08/98			*		SAC1			
Total EPA 8080	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10870750 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: D35 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670750
Client Sample ID: D35 S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670750
Client Sample ID: D35 S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670750
Client Sample ID: 035 S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10870768 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: D35 3.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/11/98	SJW	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/11/98	SJW	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/11/98	SJW	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/11/98	SJW	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/11/98	SJW	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/11/98	SJW	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/11/98	SJW	11096-82-5		U
Decachlorobiphenyl (S)	102	%		*	06/11/98	SJW	2051-24-3		
Tetrachloro-meta-xylenn (S)	100	%		*	06/11/98	SJW	877-09-8		
Date Extracted	06/08/98			*		SJW			
Total EPA 8080	ND								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670768 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: D35 3,0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670768
Client Sample ID: D35 3.0
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670768
Client Sample ID: D35 3.0

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670768 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: D35 3.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670776 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: D37 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080				Prep Method: EPA 8080				
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/11/98	SAC1	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/11/98	SAC1	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/11/98	SAC1	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/11/98	SAC1	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/11/98	SAC1	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/11/98	SAC1	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/11/98	SAC1	11096-82-5		U
Decachlorobiphenyl (S)	113	%		*	06/11/98	SAC1	2051-24-3		
Tetrachloro-meta-xylene (S)	96	%		*	06/11/98	SAC1	877-09-8		
Date Extracted	06/08/98			*		SAC1			
Total EPA 8080	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670776
Client Sample ID: D37 S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670776
Client Sample ID: D37 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670776
Client Sample ID: D37 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670776
Client Sample ID: D37 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	128	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	104	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980504-03

Pace Sample No.: 10670784 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: D37 3.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/11/98	SJW	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/11/98	SJW	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/11/98	SJW	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/11/98	SJW	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/11/98	SJW	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/11/98	SJW	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/11/98	SJW	11096-82-5		U
Decachlorobiphenyl (S)	106	%		*	06/11/98	SJW	2051-24-3		
Tetrachloro-meta-xylene (S)	105	%		*	06/11/98	SJW	877-09-8		
Date Extracted	06/08/98			*		SJW			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10570784 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: D37 3.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/08/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/08/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/08/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/08/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/08/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/08/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670784
Client Sample ID: D37 3.0

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/08/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/08/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/08/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/08/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/08/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/08/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/08/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/08/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/08/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/08/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/08/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/08/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/08/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/08/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/08/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/08/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/08/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670784 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: D37 3.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/08/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/08/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/08/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/08/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/08/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/08/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/08/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/08/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/08/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/08/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/08/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/08/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/08/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/08/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/08/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/08/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/08/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/08/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/08/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/08/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/08/98	TAW	75-69-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670784
Client Sample ID: D37 3.0

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/08/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/08/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	126	%		*	06/08/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/08/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/08/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/08/98	TAW	2037-26-5		
Total EPA 8260	ND								

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DATE: 06/22/98
PAGE: 38

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670792
Client Sample ID: B1 S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/11/98	SJW	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/11/98	SJW	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/11/98	SJW	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/11/98	SJW	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/11/98	SJW	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/11/98	SJW	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/11/98	SJW	11096-82-5		U
Decachlorobiphenyl (S)	100	%		*	06/11/98	SJW	2051-24-3		
Tetrachloro-meta-xylene (S)	100	%		*	06/11/98	SJW	877-09-8		
Date Extracted	06/08/98			*		SJW			
Total EPA 8080	ND								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670792
Client Sample ID: B1 S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670792
Client Sample ID: B1 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670702
Client Sample ID: B1 S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10870792
Client Sample ID: B1 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	134	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670792
Client Sample ID: B1 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/16/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/16/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/16/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/16/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/16/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/16/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/16/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/16/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/16/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/16/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/16/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/16/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/16/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/16/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/16/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/16/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/16/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/16/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/16/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/16/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/16/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/16/98	SAC	59-50-7		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670792
Client Sample ID: B1 S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/16/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/16/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/16/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/16/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/16/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/16/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/16/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/16/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/16/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/16/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/16/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/16/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/16/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	60.095	06/16/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/16/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/16/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/16/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/16/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/16/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/16/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/16/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/16/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/16/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/16/98	SAC	117-84-0		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670792
Client Sample ID: B1 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/16/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/16/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/16/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/16/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/16/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/16/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/16/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/16/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/16/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/16/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/16/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/16/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/16/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/16/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/16/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/16/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/16/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/16/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/16/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	34.334	06/16/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	86	%		*	06/16/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	73	%		*	06/16/98	SAC	321-60-8		
2-Fluorophenol (S)	69	%		*	06/16/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	64	%		*	06/16/98	SAC	4165-60-0		

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670792 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B1 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	76	%		*	06/16/98	SAC	13127-88-3		
Terphenyl-d14 (S)	72	%		*	06/16/98	SAC	1718-51-0		
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670800 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B1 2.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/11/98	SJW	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/11/98	SJW	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/11/98	SJW	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/11/98	SJW	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/11/98	SJW	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/11/98	SJW	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/11/98	SJW	11096-82-5		U
Decachlorobiphenyl (S)	104	%		*	06/11/98	SJW	2051-24-3		
Tetrachloro-meta-xylene (S)	101	%		*	06/11/98	SJW	877-09-8		
Date Extracted	06/08/98			*		SJW			
Total EPA 8080	ND								

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Pace Project Number: 107781
Client Project ID: 980604-03

Pace Sample No.: 10670800
Client Sample ID: B1 2.0
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10870800 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B1 2.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670800
Client Sample ID: B1 2.0

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10570800
Client Sample ID: B1 2.0

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Client Project ID: 980604-03

Pace Sample No.: 10670800 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B1 2.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/11/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/11/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/11/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/11/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/11/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/11/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/11/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/11/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/11/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/11/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/11/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/11/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/11/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.813	06/11/98	SAC	91-57-6		U
2 Methylphenol	ND	ug/kg	330	94.549	06/11/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/11/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/11/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/11/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/11/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/11/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/11/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/11/98	SAC	59-50-7		U

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Client Project ID: 980604-03

Pace Sample No.: 10670800 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B1 2.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/11/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/11/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/11/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/11/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/11/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	06/11/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	06/11/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/11/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/11/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/11/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/11/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/11/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/11/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	60.095	06/11/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/11/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/11/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/11/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/11/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/11/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/11/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/11/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/11/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/11/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.099	06/11/98	SAC	117-84-0		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670800 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B1 2.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/11/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/11/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/11/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/11/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/11/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/11/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/11/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/11/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/11/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/11/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/11/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/11/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/11/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/11/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/11/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/11/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/11/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/11/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/11/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/11/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	60	%		*	06/11/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	94	%		*	06/11/98	SAC	321-60-8		
2-Fluorophenol (S)	79	%		*	06/11/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	98	%		*	06/11/98	SAC	4165-60-0		

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10570800
Client Sample ID: B1 2.0

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	91	%		*	06/11/98	SAC	13127-88-3		
Terphenyl-d14 (S)	156	%		*	06/11/98	SAC	1718-51-0		
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	ND								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670818
Client Sample ID: 82 S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670818
Client Sample ID: B2 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670818
Client Sample ID: B2 S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670818
Client Sample ID: B2 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	136	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670818 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B2 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/16/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/16/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/16/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/16/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/16/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.698	06/16/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/16/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/16/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/16/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/16/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/16/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/16/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/16/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/16/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/16/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/16/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/16/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/16/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/16/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.573	06/16/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/16/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/16/98	SAC	59-50-7		U

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DATE: 06/22/98
PAGE: 61

Pace Project Number: 107761
Client Project ID: 980504-03

Pace Sample No.: 10670818
Client Sample ID: B2 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/16/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/16/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/16/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/16/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	20.970	06/16/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	06/16/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	06/16/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/16/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/16/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/16/98	SAC	56-55-3		U
Benzo(a)pyrene	trace	ug/kg	330	36.245	06/16/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	trace	ug/kg	330	71.700	06/16/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/16/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/16/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/16/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/16/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/16/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	29.579	06/16/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/16/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	06/16/98	SAC	117-81-7	1	J
Butylbenzylphthalate	trace	ug/kg	330	86.138	06/16/98	SAC	85-68-7	1	J
Chrysene	trace	ug/kg	330	49.277	06/16/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/16/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/16/98	SAC	117-84-0		U

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Pace Project Number: 107781
Client Project ID: 980604-03

Pace Sample No.: 10670818 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B2 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/16/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/16/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/16/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/16/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	330	40.659	06/16/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	330	39.123	06/16/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/16/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/16/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/16/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/16/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/16/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/16/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/16/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/16/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/16/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/16/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/16/98	SAC	87-86-5		U
Phenanthrene	trace	ug/kg	330	39.463	06/16/98	SAC	85-01-8	1	J
Phenol	ND	ug/kg	330	49.142	06/16/98	SAC	108-95-2		U
Pyrene	trace	ug/kg	330	34.334	06/16/98	SAC	129-00-0	1	J
2,4,6-Tribromophenol (S)	83	%		*	06/16/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	65	%		*	06/16/98	SAC	321-60-8		
2-Fluorophenol (S)	63	%		*	06/16/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	60	%		*	06/16/98	SAC	4165-60-0		

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670818 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B2 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	74	%		*	06/16/98	SAC	13127-88-3		
Terphenyl-d14 (S)	74	%		*	06/16/98	SAC	1718-51-0		
Date Extracted	06/08/98			*		SAC			
Total EPA 8270	ND								

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670826 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B6-S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/11/98	SJW	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/11/98	SJW	11104-28-2		U
PCB-1232 (Arochlor 1232)	8.8	mg/kg	2	*	06/11/98	SJW	11141-16-5		
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/11/98	SJW	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/11/98	SJW	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/11/98	SJW	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.1	0.0917	06/11/98	SJW	11096-82-5		U
Decachlorobiphenyl (S)	100	%		*	06/11/98	SJW	2051-24-3		
Tetrachloro-meta-xylene (S)	15	%		*	06/11/98	SJW	877-09-8		
Date Extracted	06/08/98			*		SJW			
Total EPA 8080	8.8								

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670826 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B6-S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS - VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670826 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B6-S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670826
Client Sample ID: B6-S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670826
Client Sample ID: B6-S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670826
Client Sample ID: B6-S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/16/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/16/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/16/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/16/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/16/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/16/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/16/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/16/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.503	06/16/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/16/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/16/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/16/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/16/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/16/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/16/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/16/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/16/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/16/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/16/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/16/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/16/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/16/98	SAC	59-50-7		U

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670826
Client Sample ID: B6-S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/16/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/16/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/16/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/16/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/16/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/16/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/16/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.939	06/16/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/16/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.830	06/16/98	SAC	56-55-3	1	J
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/16/98	SAC	50-32-8		U
Benzo(b)fluoranthene	trace	ug/kg	330	71.700	06/16/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/16/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/16/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/16/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/16/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/16/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/16/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/16/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	06/16/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/16/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	49.277	06/16/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/16/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/16/98	SAC	117-84-0		U

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Pace Project Number: 107751
Client Project ID: 980604-03

Pace Sample No.: 10670826
Client Sample ID: B6-S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/16/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/16/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/16/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/16/98	SAC	131-11-3		U
Fluoranthene	330	ug/kg	330	40.659	06/16/98	SAC	206-44-0		
Fluorene	ND	ug/kg	330	39.123	06/16/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/16/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/16/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/16/98	SAC	77 47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/16/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/16/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/16/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/16/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/16/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/16/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/16/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/16/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/16/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/16/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/16/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	76	%		*	06/16/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	81	%		*	06/16/98	SAC	321-60-8		
2-Fluorophenol (S)	78	%		*	06/16/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	72	%		*	06/16/98	SAC	4165-60-0		

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670834
Client Sample ID: B7 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

GC/MS – VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670934
Client Sample ID: B7 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670834 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B7 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

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Pace Project Number: 107751
Client Project ID: 980604-03

Pace Sample No.: 10670834
Client Sample ID: B7 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	112	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Client Project ID: 980604-03

Pace Sample No.: 10670834
Client Sample ID: B7 S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/16/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/16/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/16/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/16/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/16/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/16/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/16/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/16/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/16/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/16/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.226	06/16/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/16/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/16/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/16/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/16/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/16/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/16/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/16/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/16/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/16/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/16/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/16/98	SAC	59-50-7		U

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Client Project ID: 980604-03

Pace Sample No.: 1067834
Client Sample ID: B7 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/16/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/16/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/16/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/16/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/16/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/16/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/16/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/16/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/16/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/16/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.248	06/16/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/16/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/16/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/16/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/16/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/16/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/16/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/16/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/16/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	06/16/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/16/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/16/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/16/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/16/98	SAC	117-84-0		U

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Client Project ID: 980604-03

Pace Sample No.: 10870834 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B7 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/16/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/16/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/16/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/16/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/16/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/16/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/16/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/16/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/16/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/16/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/16/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/16/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/16/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/16/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/16/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/16/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/16/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.483	06/16/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/16/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/16/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	82	%		*	06/16/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	62	%		*	06/16/98	SAC	321-60-8		
2-Fluorophenol (S)	73	%		*	06/16/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	70	%		*	06/16/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670834
Client Sample ID: B7 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	85	%		*	06/16/98	SAC	13127-88-3		
Terphenyl-d14 (S)	77	%		*	06/16/98	SAC	1718-51-0		
Date Extracted	06/10/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10570842 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B8 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/11/98	SJW	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/11/98	SJW	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/11/98	SJW	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/11/98	SJW	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/11/98	SJW	12672-29-6		U
PCB-1254 (Arochlor 1254)	0.11	mg/kg	0.1	*	06/11/98	SJW	11097-69-1		
PCB-1260 (Arochlor 1260)	0.15	mg/kg	0.1	0.0917	06/11/98	SJW	11096-82-5		
Decachlorobiphenyl (S)	132	%		*	06/11/98	SJW	2051-24-3		
Tetrachloro-meta-xylene (S)	96	%		*	06/11/98	SJW	877-09-8		
Date Extracted	06/08/98			*		SJW			
Total EPA 8080	**0.26**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670842 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B8 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10870842
Client Sample ID: 88 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670842
Client Sample ID: 68 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980504-03

Pace Sample No.: 10670842 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B8 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	118	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	112	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10870842 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B8 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270				Prep Method: EPA 8270				
1,2,4-Trichlorobenzene	ND	ug/kg	330	28.447	06/17/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/17/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/17/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/17/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/17/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/17/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/17/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/17/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.603	06/17/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/17/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/17/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/17/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/17/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/17/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/17/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/17/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/17/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/17/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/17/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/17/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/17/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/17/98	SAC	59-50-7		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670842 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B8 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/17/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/17/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/17/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/17/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/17/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/17/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/17/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/17/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/17/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/17/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/17/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/17/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	trace	ug/kg	330	38.814	06/17/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/17/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/17/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/17/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/17/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/17/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/17/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	330	ug/kg	330	60.552	06/17/98	SAC	117-81-7		
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/17/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	49.277	06/17/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/17/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/17/98	SAC	117-84-0		U

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Pace Project Number: 107781
Client Project ID: 980604-03

Pace Sample No.: 10670842 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B8 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/17/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/17/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/17/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/17/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	330	40.659	06/17/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	330	39.123	06/17/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.679	06/17/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/17/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/17/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/17/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/17/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/17/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/17/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/17/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/17/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/17/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/17/98	SAC	87-86-5		U
Phenanthrene	trace	ug/kg	330	39.463	06/17/98	SAC	85-01-8	1	J
Phenol	ND	ug/kg	330	49.142	06/17/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/17/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	90	%		*	06/17/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	82	%		*	06/17/98	SAC	321-60-8		
2-Fluorophenol (S)	71	%		*	06/17/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	68	%		*	06/17/98	SAC	4165-60-0		

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670842 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: B6 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	74	%		*	06/17/98	SAC	13127-88-3		
Terphenyl-d14 (S)	118	%		*	06/17/98	SAC	1718-51-0		
Date Extracted	06/10/98			*		SAC			
Total EPA 8270	**330**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670859 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF21 1 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/11/98	SAC1	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/11/98	SAC1	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/11/98	SAC1	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/11/98	SAC1	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/11/98	SAC1	12672-29-6		U
PCB-1254 (Arochlor 1254)	0.34	mg/kg	0.1	*	06/11/98	SAC1	11097-69-1		
PCB-1260 (Arochlor 1260)	0.63	mg/kg	0.1	0.0917	06/11/98	SAC1	11096-82-5		
Decachlorobiphenyl (S)	108	%		*	06/11/98	SAC1	2051-24-3		
Tetrachloro-meta-xylene (S)	105	%		*	06/11/98	SAC1	877-09-8		
Date Extracted	06/08/98			*		SAC1			
Total EPA 8080	**0.97**								

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670859 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF21 1 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980804-03

Pace Sample No.: 10670859 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF21 1 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670859 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF21 1 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670859
Client Sample ID: TF21 1 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	136	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	112	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670859
Client Sample ID: TF21 1 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/17/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/17/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/17/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/17/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/17/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.698	06/17/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/17/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/17/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/17/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/17/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/17/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/17/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.074	06/17/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/17/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/17/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/17/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/17/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/17/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/17/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/17/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/17/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/17/98	SAC	59-50-7		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670859 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF21 1 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/17/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/17/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/17/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/17/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/17/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/17/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/17/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/17/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	39.787	06/17/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.830	06/17/98	SAC	56-55-3	1	J
Benzo(a)pyrene	trace	ug/kg	330	36.245	06/17/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/17/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	trace	ug/kg	330	38.814	06/17/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	trace	ug/kg	330	50.095	06/17/98	SAC	207-08-9	1	J
Benzoic Acid	ND	ug/kg	1600	264.99	06/17/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/17/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/17/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/17/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/17/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	670	ug/kg	330	60.552	06/17/98	SAC	117-81-7		
Butylbenzylphthalate	trace	ug/kg	330	86.138	06/17/98	SAC	85-68-7	1	J
Chrysene	ND	ug/kg	330	49.277	06/17/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/17/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/17/98	SAC	117-84-0		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670859
Client Sample ID: TF21 1 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/17/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.894	06/17/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/17/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/17/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/17/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/17/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/17/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/17/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	97.541	06/17/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/17/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/17/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/17/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/17/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/17/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/17/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/17/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/17/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/17/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/17/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/17/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	74	%		*	06/17/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	69	%		*	06/17/98	SAC	321-60-8		
2-Fluorophenol (S)	54	%		*	06/17/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	55	%		*	06/17/98	SAC	4165-60-0		

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670859 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF21 1 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	55	%		*	06/17/98	SAC	13127-88-3		
Terphenyl-d14 (S)	73	%		*	06/17/98	SAC	1718-51-0		
Date Extracted	06/10/98			*		SAC			
Total EPA 8270	670								

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670867 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TP21 1 1.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/12/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/12/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/12/98	SAC	11141-16-5	2	U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/12/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/12/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/12/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	0.14	mg/kg	0.1	0.0917	06/12/98	SAC	11096-82-5		
Decachlorobiphenyl (S)	105	%		*	06/12/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	111	%		*	06/12/98	SAC	877-09-8		
Date Extracted	06/10/98			*		SAC			
Total EPA 8080	**0.14**								

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670867 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF21 1 1.0 Date Received: 06/05/98

GC/MS -- VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Totrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethano	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980804-03

Pace Sample No.: 10670867 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF21 1 1.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670867 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF21 1 1.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670967 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF21 1 1.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	114	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	108	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670867 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF21 1 1.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/16/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/16/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/16/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/16/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/16/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.698	06/16/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/16/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/16/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/16/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/16/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/16/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/16/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/16/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/16/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/16/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/16/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/16/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/16/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/16/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/16/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/16/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/16/98	SAC	59-50-7		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670867 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF21 1 1.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/16/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/16/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/16/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/16/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/16/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/16/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/16/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.639	06/16/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	36.787	06/16/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/16/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/16/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/16/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/16/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/16/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/16/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/16/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/16/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	26.579	06/16/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	06/16/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	trace	ug/kg	330	60.552	06/16/98	SAC	117-81-7	1	J
Butylbenzylphthalate	ND	ug/kg	330	86.138	06/16/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/16/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/16/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/16/98	SAC	117-84-0		U

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Client Project ID: 980604-03

Pace Sample No.: 10670867 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF21 1 1.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/16/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/16/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/16/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/16/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/16/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/16/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/16/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/16/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/16/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/16/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	06/16/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/16/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/16/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/16/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/16/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/16/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/16/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/16/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/16/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/16/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	79	%		*	06/16/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	72	%		*	06/16/98	SAC	321-60-8		
2-Fluorophenol (S)	68	%		*	06/16/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	61	%		*	06/16/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670867 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF21 1 1.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	77	%		*	06/16/98	SAC	13127-88-3		
Terphenyl-d14 (S)	66	%		*	06/16/98	SAC	1718-51-0		
Date Extracted	06/10/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670875 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF22 1 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/12/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/12/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	0.11	mg/kg	0.1	*	06/12/98	SAC	11141-16-5	2	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/12/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/12/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/12/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	0.49	mg/kg	0.1	0.0917	06/12/98	SAC	11096-82-5		
Decachlorobiphenyl (S)	101	%		*	06/12/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	100	%		*	06/12/98	SAC	877-09-8		
Date Extracted	06/10/98			*		SAC			
Total EPA 8080	0.6								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670875
Client Sample ID: TF22 1 S
Date Collected: 06/03/98
Date Received: 06/06/98
Matrix: Soil

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

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Pace Analytical

Pace Project Number: 107751
Client Project ID: 980604-03

Pace Sample No.: 10670875 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF22 1 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670875
Client Sample ID: TF22 1 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

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Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670875
Client Sample ID: TF22 1 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	132	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	108	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	110	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670875 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF22 1 S Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/17/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/17/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/17/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/17/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/17/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/17/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/17/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/17/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	46.503	06/17/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	06/17/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/17/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/17/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/17/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	28.613	06/17/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	06/17/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	06/17/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/17/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/17/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/17/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/17/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/17/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/17/98	SAC	59-50-7		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670875
Client Sample ID: TF22 1 S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/17/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/17/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/17/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/17/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/17/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	06/17/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	06/17/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/17/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/17/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/17/98	SAC	56-55-3		U
Benzo(a)pyrene	trace	ug/kg	330	36.245	06/17/98	SAC	50-32-8	1	J
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/17/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	trace	ug/kg	330	38.814	06/17/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/17/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/17/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/17/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/17/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/17/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)other	ND	ug/kg	330	43.694	06/17/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	560	ug/kg	330	60.552	06/17/98	SAC	117-81-7		
Butylbenzylphthalate	trace	ug/kg	330	86.138	06/17/98	SAC	85-68-7	1	J
Chrysene	trace	ug/kg	330	49.277	06/17/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/17/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/17/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670875
Client Sample ID: TF22 1 S
Date Collected: 06/03/98
Date Received: 06/05/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/17/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/17/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/17/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/17/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/17/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/17/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/17/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/17/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	06/17/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/17/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	330	39.938	06/17/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	330	30.156	06/17/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/17/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/17/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/17/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/17/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	06/17/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/17/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/17/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/17/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	88	%		*	06/17/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	68	%		*	06/17/98	SAC	321-60-8		
2-Fluorophenol (S)	65	%		*	06/17/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	62	%		*	06/17/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670875
Client Sample ID: TF22 1 S

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	89	%		*	06/17/98	SAC	13127-88-3		
Terphenyl-d14 (S)	93	%		*	06/17/98	SAC	1718-51-0		
Date Extracted	06/10/98			*		SAC			
Total EPA 8270	560								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670883 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF22 1 1.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.1	0.009	06/12/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.1	0.0101	06/12/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.1	*	06/12/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.1	*	06/12/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.1	*	06/12/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.1	*	06/12/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	0.16	mg/kg	0.1	0.0917	06/12/98	SAC	11096-82-5		
Decachlorobiphenyl (S)	101	%		*	06/12/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	103	%		*	06/12/98	SAC	877-09-8		
Date Extracted	06/10/98			*		SAC			
Total EPA 8080	0.16								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670883 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF22 1 1,0 Date Received: 06/05/98

GC/MS -- VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	*	06/09/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	*	06/09/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	*	06/09/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	*	06/09/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	*	06/09/98	TAW	594-20-7		U
2-Butanone	ND	ug/kg	10	*	06/09/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 1067083 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF22 1 1.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	*	06/09/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	95-49-8		U
2-Hexanone	ND	ug/kg	100	*	06/09/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/kg	100	*	06/09/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/kg	5	*	06/09/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	*	06/09/98	TAW	108-10-1		U
Acetone	ND	ug/kg	20	*	06/09/98	TAW	67-64-1		U
Benzene	ND	ug/kg	5	*	06/09/98	TAW	71-43-2		U
Bromobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	*	06/09/98	TAW	75-27-4		U
Bromoform	ND	ug/kg	5	*	06/09/98	TAW	75-25-2		U
Bromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	*	06/09/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	*	06/09/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/kg	5	*	06/09/98	TAW	108-90-7		U
Chloroethane	ND	ug/kg	5	*	06/09/98	TAW	75-00-3		U
Chloroform	ND	ug/kg	5	*	06/09/98	TAW	67-66-3		U
Chloromethane	ND	ug/kg	5	*	06/09/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	*	06/09/98	TAW	124-48-1		U
Dibromomethane	ND	ug/kg	5	*	06/09/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-71-8		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670883
Client Sample ID: TF22 1 1.0

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/kg	500	*	06/09/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/kg	5	*	06/09/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/kg	5	*	06/09/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	*	06/09/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/kg	5	*	06/09/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	*	06/09/98	TAW	98-82-8		U
M&P-Xylene	ND	ug/kg	5	*	06/09/98	TAW	7816-60-0		U
Methyl-tert-butyl Ether	ND	ug/kg	5	*	06/09/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	*	06/09/98	TAW	103-65-1		U
Naphthalene	ND	ug/kg	5	*	06/09/98	TAW	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	*	06/09/98	TAW	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	*	06/09/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	135-98-8		U
Styrene	ND	ug/kg	5	*	06/09/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/kg	5	*	06/09/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/kg	5	*	06/09/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	*	06/09/98	TAW	127-18-4		U
Toluene	ND	ug/kg	5	*	06/09/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	*	06/09/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	*	06/09/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/kg	5	*	06/09/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	*	06/09/98	TAW	75-69-4		U

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Fax: 612-617-6444

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670883 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF22 1 1.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Vinyl Acetate	ND	ug/kg	100	*	06/09/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	*	06/09/98	TAW	75-01-4		U
1,2-Dichloroethane-d4 (S)	130	%		*	06/09/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	106	%		*	06/09/98	TAW	460-00-4		
Dibromofluoromethane (S)	116	%		*	06/09/98	TAW	1868-53-7		
Toluene-d8 (S)	112	%		*	06/09/98	TAW	2037-26-5		
Total EPA 8260	ND								

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670883
Client Sample ID: TF22 1 1.0

Date Collected: 06/03/98
Date Received: 06/05/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	06/17/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	06/17/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	06/17/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	06/17/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	06/17/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	06/17/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	06/17/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	06/17/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	06/17/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.405	06/17/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	06/17/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	06/17/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	06/17/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	06/17/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.549	06/17/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.669	06/17/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	06/17/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	06/17/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	06/17/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	06/17/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	06/17/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	06/17/98	SAC	59-50-7		U

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Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670883 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF22 1 1.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	06/17/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	06/17/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	06/17/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	06/17/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	06/17/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	06/17/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	06/17/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	06/17/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	06/17/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	06/17/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	06/17/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	06/17/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	06/17/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	06/17/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	06/17/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	06/17/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	06/17/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	06/17/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.094	06/17/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	06/17/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	88.138	06/17/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	06/17/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	06/17/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	06/17/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full.

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670883 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF22 1 1.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	06/17/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	06/17/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	06/17/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	06/17/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	06/17/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	06/17/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	06/17/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	06/17/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.641	06/17/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	06/17/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.936	06/17/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	06/17/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	06/17/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	06/17/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	06/17/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	06/17/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	49.026	06/17/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	06/17/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	06/17/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	06/17/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	96	%		*	06/17/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	75	%		*	06/17/98	SAC	321-60-8		
2-Fluorophenol (S)	73	%		*	06/17/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	72	%		*	06/17/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107761
Client Project ID: 980604-03

Pace Sample No.: 10670883 Date Collected: 06/03/98 Matrix: Soil
Client Sample ID: TF22 1 1.0 Date Received: 06/05/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	80	%		*	06/17/98	SAC	13127-88-3		
Terphenyl-d14 (S)	82	%		*	06/17/98	SAC	1718-51-0		
Date Extracted	06/10/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107761
Client Project ID: 980804-03

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[2]	PCB like peaks present. Best match to Arocior 1232.

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

T3366A
980604-03

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423399

CHAIN-OF-CUSTODY RECORD
Analytical Request

Company: RSI	Report To: FRANK POSS
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME
Phone: 510-785-1111	P.O. # / Billing Reference: 86001 SFW
	Project Name / No.: CALTRANS SFW

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6/18/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 6/3/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	TPH-5	8020	8260	8270	6080 PCB	CAM 17	REMARKS
D34-5	0827	SOIL		1						X	X		X		X	
D34-3.0	0834			1						X	X		X		X	
D35-5	0911			1						X		X		X	X	
D35-3.0	0927			1						X		X		X	X	
D36-5	1014			1						X	X		X		X	
D36-3.0	1035			1						X	X		X		X	
D37-5	1114			1						X		X		X	X	
D37-3.0	1126			1						X		X		X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/3/98	1530	FEDEX	6/5/98	
				Hughes/Pace	6/4/98	900

SAMPLE CONDITION

Temp: 1.0 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

6/97

Pace Analytical

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13566.1
980604-03

423400

CHAIN-OF-CUSTODY RECORD
Analytical Request

Company: PSI	Report To: FRANK POSS
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW
	Project Name / No.: CALTRANS SFW

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week ☐ 2 Weeks
- ☒ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6/18/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 6/3/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020	8260	8270	8080 PCB	CAM 17	REMARKS
B1-S	1154	SOIL								X	X	X	X	X		
B1-2.0	1203									X	X	X	X	X		
B2-S	1208									X	X	X		X		
B6-S	1235									X	X	X	X	X		
B7-S	1240									X	X	X		X		
B8-S	1245									X	X	X	X	X		
TF21-1-5	1314									X	X	X	X	X		
TF21-1-1.0	1323									X	X	X	X	X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/3/98	1530	FED EX	6/3/98	

SAMPLE CONDITION

Temp: 1.0 °C | Received on Ice: (Y) / N | Sealed Cooler: (Y) / N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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980604-03

42516

CHAIN-OF-CUSTODY RECORD
Analytical Request

Company: BSI	Report To: FRANK POSS
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME
Phone: 510 785 1111	P.O. # / Billing Reference: 86001 SFW
	Project Name / No.: CALTRANS SFW

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☒ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6/8/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 6/3/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: T#11-5	4020	4260	4270	8080 PCB	CAM 17	REMARKS
TF22-1-5	1327	SOIL								X		X	X	X	X	
TF22-1-1.0	1332	↓								X		X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/3/98	1530	FED EX	6/3/98	
				Kinsman/Pace	6/4/98	0800

SAMPLE CONDITION

Temp: 1.0 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#980509-13
PACE ANALYTICAL WO#:13188A
Client ID#:

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TH25-1-3	T20-2-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/12/98	05/12/98	05/12/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	60	100	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	27	17	<0.5	0.5	6010
Cobalt (Co)	5.8	5.8	<1.0	1.0	6010
Copper (Cu)	8.6	12	<2.5	2.5	6010
Lead (Pb)	19	7.3	<1.0	1.0	6010
Mercury (Hg)	0.05	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	21	20	<0.5	0.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	23	19	<0.5	0.5	6010
Zinc (Zn)	28	37	<10	10	6010
DF	1	1	1		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilmar St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0785

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/12/98		05/12/98	05/12/98			
Analyte	EPA Method							
Antimony (Sb)	6010	86	70-130	40*	48*	60-130	18	0-25
Arsenic (As)	6010	86	78-104	83	81	34-135	2.4	0-15
Barium (Ba)	6010	106	81-117	86	91	55-130	5.6	0-25
Beryllium (Be)	6010	89	70-130	82	85	70-130	3.6	0-25
Cadmium (Cd)	6010	86	75-104	76	79	73-115	3.9	0-15
Chromium (Cr)	6010	91	81-103	82	84	62-125	2.4	0-15
Cobalt (Co)	6010	89	70-130	78	77	70-130	1.3	0-25
Copper (Cu)	6010	90	70-130	83	83	70-140	0.0	0-25
Lead (Pb)	6010	85	70-104	69	73	48-120	5.6	0-30
Mercury (Hg)	7471	91	76-121	89	84	70-135	6.0	0-30
Molybdenum (Mo)	6010	92	70-130	77	80	70-130	3.8	0-25
Nickel (Ni)	6010	89	70-130	82	79	70-130	3.7	0-25
Selenium (Se)	6010	87	79-102	70	74	42-120	5.6	0-16
Silver (Ag)	6010	97	77-107	74	80	53-115	7.8	0 19
Thallium (Tl)	6010	86	70-130	82	82	70-130	0.0	0-25
Vanadium (V)	6010	92	70-130	80	78	70-130	2.5	0-25
Zinc (Zn)	6010	87	70-130	74	78	70-130	5.3	0-25

* Sample matrix effect.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

June 23, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107761
Client Project ID: 980604-03

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562 597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name:
Site Location:

PACE ANALYTICAL Project #: 980509-13
PACE ANALYTICAL WO #: 13169A
Client ID #;

Date: 6/3/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/08/98 and received on 05/08/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PACE
CCR Metals (Soil)	2-10
TPH-Speciation (Soil)	11-12
List of Abbreviations and Definitions	13

In addition the analysis for 8080, 8260 & 8270 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by.
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
9970 Gilman St.
Long Beach, CA 90815
Tel: 562-498 9515
Fax: 562-597-0786

Pace Analytical

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TH22-1-3	TH22-1-5	TH22-1-10	TH23-1-S	TH23-1-3	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/12/98	05/12/98	05/12/98	05/12/98	05/12/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	90	110	40	120	78	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	49	30	70	36	37	0.5	6010
Cobalt (Co)	7.6	7.9	8.3	7.4	7.7	1.0	6010
Copper (Cu)	21	11	11	11	19	2.5	6010
Lead (Pb)	22	26	2.3	11	18	1.0	6010
Mercury (Hg)	0.28	0.18	0.07	0.12	0.10	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	36	18	41	21	30	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	42	27	56	32	30	0.5	6010
Zinc (Zn)	47	46	25	47	43	10	6010
DF	1	1	1	1	1		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980509-13
PACE ANALYTICAL WO#:13189A
Client ID#:

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TH23-1-5	TH23-1-10	TH24-1-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/12/98	05/12/98	05/12/98	05/12/98		
Analyte						
Antimony (Sb)	<5.0	<5.0	<50	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<50	<5.0	5.0	6010
Barium (Ba)	170	57	<100	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<5.0	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<5.0	<0.5	0.5	6010
Chromium (Cr)	39	45	1900	<0.5	0.5	6010
Cobalt (Co)	9.4	6.1	15	<1.0	1.0	6010
Copper (Cu)	27	8.2	100	<2.5	2.5	6010
Lead (Pb)	170	3.9	13	<1.0	1.0	6010
Mercury (Hg)	0.21	0.12	0.11	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	870	<2.5	2.5	6010
Nickel (Ni)	20	32	56	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<25	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<5.0	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<50	<5.0	5.0	6010
Vanadium (V)	34	53	210	<0.5	0.5	6010
Zinc (Zn)	150	26	<100	<10	10	6010
DF	1	1	10	1		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/12/98		05/12/98	05/12/98			
Analyte	EPA Method							
Antimony (Sb)	6010	84	70-130	40*	46*	60-130	18	0-25
Arsenic (As)	6010	84	78-104	83	81	34-135	2.4	0-15
Barium (Ba)	6010	99	81-117	86	91	55-130	5.6	0-25
Beryllium (Be)	6010	87	70-130	82	85	70-130	3.6	0-25
Cadmium (Cd)	6010	82	75-104	76	79	73-116	3.9	0-15
Chromium (Cr)	6010	88	81-103	82	84	62-125	2.4	0-15
Cobalt (Co)	6010	86	70-130	78	77	70-130	1.3	0-25
Copper (Cu)	6010	88	70-130	83	83	70-140	0.0	0-25
Lead (Pb)	6010	83	76-104	69	73	48-120	5.6	0-30
Mercury (Hg)	7471	100	76-121	91	91	70-135	0.0	0-30
Molybdenum (Mo)	6010	89	70-130	77	80	70-130	3.8	0-25
Nickel (Ni)	6010	85	70-130	82	79	70-130	3.7	0-25
Selenium (Se)	6010	86	79-102	70	74	42-120	5.6	0-16
Silver (Ag)	6010	90	77-107	74	80	53-115	7.8	0-19
Thallium (Tl)	6010	85	70-130	82	82	70-130	0.0	0-25
Vanadium (V)	6010	89	70-130	80	78	70-130	2.5	0-25
Zinc (Zn)	6010	83	70-130	74	78	70-130	5.3	0-25

* Sample matrix effect.

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Pace Analytical

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TH24-1-3	TH24-1-5	TH24-1-10	TH25-1-5	PRL	EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Method
Date Analyzed:	05/12/98	05/12/98	05/12/98	05/12/98		
Analyte						
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	42	41	28	170	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	53	58	46	40	0.5	6010
Cobalt (Co)	8.7	8.8	6.5	8.4	1.0	6010
Copper (Cu)	11	9.7	5.9	23	2.5	6010
Lead (Pb)	2.3	2.8	1.3	76	1.0	6010
Mercury (Hg)	<0.05	<0.05	<0.05	0.53	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	34	35	39	32	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	45	40	30	34	0.5	6010
Zinc (Zn)	27	25	22	65	10	6010
DF	1	1	1	1		

REPORT OF LABORATORY ANALYSIS

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Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T20-2-3	T21-3-S	T22-2-S	T24-2-S	PRL	EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Method
Date Analyzed:	05/14/98	05/14/98	05/14/98	05/14/98		
Analyte						
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	6.1	5.7	5.4	<5.0	5.0	6010
Barium (Ba)	110	210	270	180	10	6010
Beryllium (Be)	0.6	0.5	0.6	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	22	25	18	30	0.5	6010
Cobalt (Co)	8.7	14	12	9.6	1.0	6010
Copper (Cu)	32	27	20	19	2.5	6010
Lead (Pb)	8.3	45	9.7	31	1.0	6010
Mercury (Hg)	<0.05	<0.05	0.24	0.09	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	34	38	28	31	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	21	21	22	27	0.5	6010
Zinc (Zn)	79	71	52	68	10	6010
DF	1	1	1	1		

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Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T24-2-3	T24-2-5	T24-3-S	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	05/14/98	05/14/98	05/14/98	05/14/98		
Analyte						
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	6.7	<5.0	5.0	6010
Barium (Ba)	76	120	160	<10	10	6010
Beryllium (Be)	<0.5	0.6	0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	33	28	23	<0.5	0.5	6010
Cobalt (Co)	9.9	9.7	12	<1.0	1.0	6010
Copper (Cu)	11	12	36	<2.5	2.5	6010
Lead (Pb)	6.1	6.3	35	<1.0	1.0	6010
Mercury (Hg)	<0.05	<0.05	0.14	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	37	39	36	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	6.6	<5.0	5.0	6010
Vanadium (V)	36	30	25	<0.5	0.5	6010
Zinc (Zn)	67	61	83	<10	10	6010
DF	1	1	1	1		

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/12/98		05/12/98	05/12/98			
Antimony (Sb)	6010	84	70-130	37*	46*	60-130	22	0-25
Arsenic (As)	6010	87	78-104	81	91	34-135	12	0-15
Barium (Ba)	6010	98	81-117	93	103	55-130	110	0-25
Beryllium (Be)	6010	90	70-130	79	81	70-130	2.5	0-25
Cadmium (Cd)	6010	87	75-104	72	76	73-115	5.4	0-15
Chromium (Cr)	6010	91	81-103	69	65	62-125	6.0	0-15
Cobalt (Co)	6010	89	70-130	67	66	70-130	1.5	0-25
Copper (Cu)	6010	92	70-130	73	69	70-140	5.6	0-25
Lead (Pb)	6010	84	76-104	67	71	48-120	5.8	0-30
Mercury (Hg)	7471	94	76-121	104	86	70-135	18	0-30
Molybdenum (Mo)	6010	91	70-130	70	76	70-130	8.2	0-25
Nickel (Ni)	6010	88	70-130	60	56	70-130	6.9	0-25
Selenium (Se)	6010	88	70-102	67	74	42-120	9.9	0-15
Silver (Ag)	6010	90	77-107	77	83	53-115	7.5	0-19
Thallium (Tl)	6010	91	70-130	73	76	70-130	4.0	0-25
Vanadium (V)	6010	92	70-130	75	69	70-130	8.3	0-25
Zinc (Zn)	6010	88	70-130	70	72	70-130	2.8	0-25

* Sample matrix effect.

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Tel: 562-498-9515
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Pace Analytical

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	05/15/98	<10	---	10	1
TH22-1-3	05/15/98	<10	---	10	1
TH22-1-5	05/15/98	70	C20-C40	10	1
TH22-1-10	05/15/98	<10	---	10	1
TH23-1-S	05/15/98	<10	---	10	1
TH23-1-3	05/15/98	<10	---	10	1
TH23-1-5	05/15/98	<10	---	10	1
TH23-1-10	05/15/98	<10	---	10	1
TH24-1-S	05/15/98	<10	---	10	1
TH24-1-S Dup.	05/15/98	<10	---	10	1
TH24-1-3	05/15/98	<10	---	10	1
TH24-1-5	05/15/98	<10	---	10	1
TH24-1-10	05/15/98	<10	---	10	1
TH25-1-S	05/15/98	<10	---	10	1
TH25-1-15	05/15/98	<10	---	10	1
T20-2-S	05/15/98	<10	---	10	1
T20-2-3	05/15/98	<10	---	10	1
T21-3-5	05/15/98	<10	---	10	1
T22-1-S			---	10	1
T22-2-S	05/18/98	20	C20-C36	10	1
T24-2-S	05/18/98	<10	---	10	1
T24-2-3	05/18/98	<10	---	10	1
T24-2-5	05/18/98	<10	---	10	1
T24-3-S	05/18/98	40	C20-C40	10	1
T24-3-S Dup.	05/18/98	30	C20-C40	10	1

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RV
Preparation Analyst: RV

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/15/98		05/15/98	05/15/98			
TPH-Speciation	101	80-120	120	101	70-130	17	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/18/98		05/18/98	05/18/98			
TPH-Speciation	102	80-120	109	96	70-130	13	0-30

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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May 28, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107340
Client Project ID: 980509-13

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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DATE: 05/28/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107340
Client Project ID: 980509-13

Attn: Mr.RichardVillafania
Phone: (562)498-0515

Pace Sample No.: 10633451
Client Sample ID: TH22-1-10
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.051	0.0138	05/18/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.051	*	05/18/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.051	*	05/18/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.051	*	05/18/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.051	*	05/18/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.051	*	05/18/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.051	0.1413	05/18/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	118	%		*	05/18/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	87	%		*	05/18/98	DKP	877-09-8		
Date Extracted	05/15/98			*		DKP			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107340
Client Project ID: 980509-13

Pace Sample No.: 10633451
Client Sample ID: TH22-1-10

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/18/98	SAC1	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/18/98	SAC1	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/18/98	SAC1	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/18/98	SAC1	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/18/98	SAC1	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.096	05/18/98	SAC1	88 06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/18/98	SAC1	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	166.31	05/18/98	SAC1	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/18/98	SAC1	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/18/98	SAC1	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37 225	05/18/98	SAC1	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/18/98	SAC1	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/18/98	SAC1	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26 613	05/18/98	SAC1	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/18/98	SAC1	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/18/98	SAC1	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/18/98	SAC1	88-75 5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/18/98	SAC1	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/18/98	SAC1	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/18/98	SAC1	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/18/98	SAC1	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/18/98	SAC1	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107340
Client Project ID: 980509-13

Pace Sample No.: 10533451
Client Sample ID: TH22-1-10

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/18/98	SAC1	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/18/98	SAC1	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/18/98	SAC1	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/18/98	SAC1	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/18/98	SAC1	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/18/98	SAC1	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/18/98	SAC1	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/18/98	SAC1	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/18/98	SAC1	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/18/98	SAC1	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/18/98	SAC1	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/18/98	SAC1	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/18/98	SAC1	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/18/98	SAC1	207-08-9		U
Benzoic Acid	trace	ug/kg	1600	264.99	05/18/98	SAC1	65-85-0	1	J
Benzyl Alcohol	ND	ug/kg	660	73.25	05/18/98	SAC1	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/18/98	SAC1	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/18/98	SAC1	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/18/98	SAC1	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/18/98	SAC1	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/18/98	SAC1	85-68-7		U
Chrysene	ND	ug/kg	330	40.277	05/18/98	SAC1	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/18/98	SAC1	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/18/98	SAC1	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107340
Client Project ID: 980509-13

Pace Sample No.: 10633451
Client Sample ID: TH22-1-10

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/18/98	SAC1	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/18/98	SAC1	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/18/98	SAC1	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/18/98	SAC1	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/18/98	SAC1	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/18/98	SAC1	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/18/98	SAC1	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/18/98	SAC1	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/18/98	SAC1	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/18/98	SAC1	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/18/98	SAC1	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/18/98	SAC1	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/18/98	SAC1	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/18/98	SAC1	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/18/98	SAC1	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/18/98	SAC1	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/18/98	SAC1	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/18/98	SAC1	85-01-8		U
Phenol	820	ug/kg	330	49.142	05/18/98	SAC1	108-95-2		
Pyrene	ND	ug/kg	330	34.334	05/18/98	SAC1	129-00-0		U
2,4,6-Tribromophenol (S)	69	%		*	05/18/98	SAC1	118-79-6		
2-Fluorobiphenyl (S)	73	%		*	05/18/98	SAC1	321-60-8		
2-Fluorophenol (S)	95	%		*	05/18/98	SAC1	367-12-4		
Nitrobenzene-d5 (S)	84	%		*	05/18/98	SAC1	4165-60-0		

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Pace Analytical

Pace Project Number: 10340
Client Project ID: 980509-13

Pace Sample No.: 10633401 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	115	%		*	05/18/98	SAC1	13127-88-3		
Terphenyl-d14 (S)	70	%		*	05/19/98	SAC1	1718-51-0		
Date Extracted	05/13/98			*		SAC1			
Total EPA 8270	**820**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107340
Client Project ID: 980509-13

Pace Sample No.: 10633477 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH23-1-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26,447	05/18/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40,139	05/18/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31,564	05/18/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27,023	05/18/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54,483	05/18/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52,596	05/18/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42,993	05/18/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/18/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45,503	05/18/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35,406	05/18/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37,225	05/18/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32,439	05/18/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43,674	05/18/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26,613	05/18/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94,649	05/18/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37,869	05/18/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32,068	05/18/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24,098	05/18/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33,604	05/18/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35,673	05/18/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47,102	05/18/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39,200	05/18/98	SAC	59-50-7		U

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Pace Project Number: 107340
Client Project ID: 980509-13

Pace Sample No.: 10633477
Client Sample ID: TH23-1-10

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/18/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/18/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/18/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/18/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/18/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	05/18/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	05/18/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	36.839	05/18/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/18/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/18/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/18/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/18/98	SAC	205-00-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	39.814	05/18/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.096	05/18/98	SAC	207-08-9		U
Benzoic Acid	trace	ug/kg	1600	264.99	05/18/98	SAC	65-85-0	1	J
Benzyl Alcohol	ND	ug/kg	660	73.25	05/18/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/18/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/18/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/18/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/18/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/18/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/18/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/18/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/18/98	SAC	117-84-0		U

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Pace Project Number: 107340
Client Project ID: 980509-13

Pace Sample No.: 10633477
Client Sample ID: TH23-1-10

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/18/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/18/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/18/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/18/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/18/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/18/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/18/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/18/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/18/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/18/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/18/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/18/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/18/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/18/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/18/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/18/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/18/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/18/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/18/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/18/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	38	%		*	05/18/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	81	%		*	05/18/98	SAC	321-60-8		
2-Fluorophenol (S)	53	%		*	05/18/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	81	%		*	05/18/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 05/28/98
PAGE: 9

Pace Project Number: 107340
Client Project ID: 980509-13

Pace Sample No.: 10633477 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TI123-1-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	72	%		*	05/18/98	SAC	13127-88-3		
Terphenyl-d14 (S)	78	%		*	05/18/98	SAC	1718-51-0		
Date Extracted	05/13/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107340
Client Project ID: 980509-13

Pace Sample No.: 10633486 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH24-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.059	0.0162	05/18/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.059	*	05/18/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.059	*	05/18/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.059	*	05/18/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.059	*	05/18/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.059	*	05/18/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.059	0.1651	05/18/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	99	%		*	05/18/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	100	%		*	05/18/98	DKP	877-09-8		
Date Extracted	05/15/98			*		DKP			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107340
Client Project ID: 980509-13

Pace Sample No.: 10633485 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH24-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/18/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/18/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/18/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/18/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/18/98	SAC	95-95 4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	62.696	05/18/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/18/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/18/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/18/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/18/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/18/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/18/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/18/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/18/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/18/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/18/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/18/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/18/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/18/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/18/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/18/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/18/98	SAC	59-50-7		U

* Indicates MDL, not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107340
Client Project ID: 980509-13

Pace Sample No.: 10633485 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH24-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.640	05/18/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/18/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/18/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/18/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/18/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/18/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/18/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/18/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/18/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/18/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/18/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/18/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/18/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/18/98	SAC	207-08-9		U
Benzoic Acid	trace	ug/kg	1600	264.99	05/18/98	SAC	65-85-0	1	J
Benzyl Alcohol	ND	ug/kg	660	73.25	05/18/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/18/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/18/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/18/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/18/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/18/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/18/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/18/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/18/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107340
Client Project ID: 980509-13

Pace Sample No.: 10633485
Client Sample ID: TH24-1-3
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/18/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/18/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/18/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/18/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/18/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/18/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/18/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/18/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/18/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/18/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/18/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/18/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/18/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/18/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/18/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/18/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.028	05/18/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/18/98	SAC	85-01-8		U
Phenol	710	ug/kg	330	49.142	05/18/98	SAC	108-95-2		
Pyrene	ND	ug/kg	330	34.334	05/18/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	72	%		*	05/18/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	85	%		*	05/18/98	SAC	321-60-8		
2-Fluorophenol (S)	73	%		*	05/18/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	86	%		*	05/18/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107340
Client Project ID: 980509-13

Pace Sample No.: 10633485
Client Sample ID: TH24-1-3

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	84	%		*	05/18/98	SAC	13127-88-3		
Terphenyl-d14 (S)	76	%		*	05/18/98	SAC	1718-51-0		
Date Extracted	05/13/98			*		SAC			
Total EPA 8270	710								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107340
Client Project ID: 980609-13

Pace Sample No.: 10633493 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH25-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/19/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/19/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/19/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/19/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/19/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/19/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/19/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	105.31	05/19/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/19/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/19/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/19/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/19/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.074	05/19/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/19/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/19/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/19/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/19/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/19/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/19/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	36.673	05/19/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/19/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/19/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107340
Client Project ID: 980509-13

Pace Sample No.: 10633493
Client Sample ID: TH25-1-3

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/19/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/19/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/19/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/19/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/19/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	05/19/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	05/19/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/19/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/19/98	SAC	120-12-7		U
Benzo(a)anthracene	trace	ug/kg	330	39.830	05/19/98	SAC	56-55-3	1	J
Benzo(a)pyrene	ND	ug/kg	330	36.246	05/19/98	SAC	50-32-8		U
Benzo(b)fluoranthene	trace	ug/kg	330	71.700	05/19/98	SAC	205-99-2	1	J
Benzo(g,h,i)perylene	trace	ug/kg	330	38.814	05/19/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	trace	ug/kg	330	50.095	05/19/98	SAC	207-08-9	1	J
Benzoic Acid	ND	ug/kg	1600	264.99	05/19/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.26	05/19/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/19/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/19/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.094	05/19/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/19/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/19/98	SAC	85-68-7		U
Chrysene	trace	ug/kg	330	49.277	05/19/98	SAC	218-01-9	1	J
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/19/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/19/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107340
Client Project ID: 980509-13

Pace Sample No.: 10533493
Client Sample ID: TH25-1-3

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/19/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/19/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/19/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/19/98	SAC	131-11-3		U
Fluoranthene	trace	ug/kg	330	40.659	05/19/98	SAC	206-44-0	1	J
Fluorene	ND	ug/kg	330	39.123	05/19/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/19/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.601	05/19/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/19/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/19/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	330	39.938	05/19/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	330	30.158	05/19/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/19/98	SAC	621-64-7		U
N-Nitrosodiphonylamine	ND	ug/kg	330	49.302	05/19/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/19/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/19/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/19/98	SAC	87-86-5		U
Phenanthrene	trace	ug/kg	330	39.463	05/19/98	SAC	85-01-8	1	J
Phenol	ND	ug/kg	330	49.142	05/19/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/19/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	69	%		*	05/19/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	82	%		*	05/19/98	SAC	321-60-8		
2-Fluorophenol (S)	60	%		*	05/19/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	79	%		*	05/19/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107340
Client Project ID: 980509-13

Pace Sample No.: 10633493 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH25-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	79	%		*	05/19/98	SAC	13127-88-3		
Terphenyl-d14 (S)	78	%		*	05/19/98	SAC	1718-51-0		
Date Extracted	05/13/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107340
Client Project ID: 980509-13

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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May 28, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107339
Client Project ID: 980509-13

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum;total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

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Fax: 612-617-6444

DATE: 05/28/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107339
Client Project ID: 980509-13

Attn: Mr.RichardVillafania
Phone: (562)498-9515

Pace Sample No.: 10033329
Client Sample ID: TH22-1-3

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
GC – SomI-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.046	0.0126	05/22/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.046	*	05/22/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.046	*	05/22/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.046	*	05/22/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.046	*	05/22/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.046	*	05/22/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.046	0.1284	05/22/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	101	%		*	05/22/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	102	%		*	05/22/98	DKP	877-09-8		
Date Extracted	05/20/98			*		DKP			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107339
Client Project ID: 980500-13

Pace Sample No.: 10633329 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.463	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.603	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.008	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/21/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633329
Client Sample ID: TH22-1-3

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/21/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/21/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/21/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/21/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/21/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.90	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/21/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/21/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/21/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/21/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/21/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/21/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/21/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633329 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.641	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.156	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/21/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/21/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	40.142	05/21/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	75	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	73	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	36	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	67	%		*	05/21/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 080609-13

Pace Sample No.: 10633329 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	64	%		*	05/21/98	SAC	13127-88-3		
Terphenyl-d14 (S)	53	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633337
Client Sample ID: TH22-1-5

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.033	0.009	05/22/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.033	*	05/22/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.033	*	05/22/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.033	*	05/22/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.033	*	05/22/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.033	*	05/22/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.033	0.0917	05/22/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	118	%		*	05/22/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	117	%		*	05/22/98	DKP	877-09-8		
Date Extracted	05/20/98			*		DKP			
Total EPA 8080	ND								

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633337 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.664	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/21/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633337
Client Sample ID: TH22-1-5

Date Collected: 05/09/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.070	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/21/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	36.787	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/21/98	SAC	56-55-3		U
Benzo(a)pyrene	330	ug/kg	330	36.245	05/21/98	SAC	50-32-8		
Benzo(b)fluoranthene	410	ug/kg	330	71.700	05/21/98	SAC	205-99-2		
Benzo(g,h,i)perylene	trace	ug/kg	330	38.814	05/21/98	SAC	191-24-2	1	J
Benzo(k)fluoranthene	ND	ug/kg	330	60.095	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/21/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/21/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/21/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/21/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/21/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.566	05/21/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/21/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633337
Client Sample ID: TH22-1-6

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.834	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	trace	ug/kg	330	39.938	05/21/98	SAC	193-39-5	1	J
Isophorone	ND	ug/kg	330	30.158	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/21/98	SAC	87-86-5		U
Phenanthrene	trace	ug/kg	330	39.463	05/21/98	SAC	85-01-8	1	J
Phenol	ND	ug/kg	330	49.142	05/21/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	72	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	74	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	36	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	67	%		*	05/21/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633337 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	64	%		*	05/21/98	SAC	13127-88-3		
Terphenyl-d14 (S)	67	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	740								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633345 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH23-1-SURR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.430	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/21/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633345
Client Sample ID: TH23-1-SURR
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.993	05/21/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.179	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/21/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/21/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/21/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/21/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/21/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/21/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/21/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/21/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/21/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/21/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/21/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10033345 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH23-1-SURR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/21/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/21/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/21/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	56	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	57	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	32	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	51	%		*	05/21/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10833345 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH23-1-SURR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	52	%		*	05/21/98	SAC	13127-88-3		
Terphenyl d14 (S)	57	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	ND								

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107330
Client Project ID: 980509-13

Pace Sample No.: 10833352 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH23-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	320	25.918	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	320	39.336	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	320	30.933	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	320	26.483	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	320	53.394	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	320	51.642	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	320	42.133	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	320	162.00	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	44.593	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	320	34.698	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	320	36.481	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	320	31.790	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	320	42.800	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	320	26.080	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	320	92.657	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.112	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	320	31.427	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	650	23.616	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	32.932	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	34.960	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	320	46.160	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	650	38.416	05/21/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633352 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH23-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	650	27.096	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	320	17.506	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	320	88.276	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	40.422	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.391	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	320	28.596	05/21/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	320	29.393	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	320	35.122	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	320	38.011	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	320	39.034	05/21/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	320	35.520	05/21/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	320	70.266	05/21/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	320	36.038	05/21/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	320	49.093	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	259.69	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	650	71.785	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	320	28.182	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	320	28.008	05/21/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	320	42.820	05/21/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	320	59.341	05/21/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	320	84.415	05/21/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	320	48.291	05/21/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	320	62.285	05/21/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	320	89.266	05/21/98	SAC	117-84-0		U

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Pace Analytical

Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633352 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH23-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	320	37.208	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	320	31.246	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	320	29.734	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	320	28.522	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	320	39.846	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	320	38.341	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	320	40.845	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	320	32.831	05/21/98	SAC	87 68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	320	85.790	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	320	29.041	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	320	39.139	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	320	29.555	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	320	36.988	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	320	46.316	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	320	25.622	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	320	32.582	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	47.066	05/21/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	320	38.673	05/21/98	SAC	85-01-8		U
Phenol	ND	ug/kg	320	48.159	05/21/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	320	33.647	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	61	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	62	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	32	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	54	%		*	05/21/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633352 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH23-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	54	%		*	05/21/98	SAC	13127-88-3		
Terphenyl-d14 (S)	56	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633360
Client Sample ID: TH23-1-5

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS -- Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/21/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633360
Client Sample ID: TH23-1-5

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/21/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/21/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/21/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/21/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/21/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.26	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/21/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/21/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/21/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/21/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/21/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/21/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/21/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633360
Client Sample ID: TH23-1-5

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	48.302	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/21/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.483	05/21/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/21/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	69	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	69	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	37	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	62	%		*	05/21/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10033360 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH23-1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	58	%		*	05/21/98	SAC	13127-88-3		
Terphenyl-d14 (S)	62	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Analytical

Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633386 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH24-1-SURR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.037	0.0100	05/22/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.037	*	05/22/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.037	*	05/22/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.037	*	05/22/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.037	*	05/22/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.037	*	05/22/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.037	0.1027	05/22/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	116	%		*	05/22/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	113	%		*	05/22/98	DKP	877-09-8		
Date Extracted	05/20/98			*		DKP			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633386 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH24-1-SURR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/21/98	SAC	59-50-7		U

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633386
Client Sample ID: TH24-1-SURR

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/21/98	SAC	83-32-9		U
Aconaphthene	ND	ug/kg	330	29.993	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/21/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/21/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/21/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/21/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.579	05/21/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/21/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.562	05/21/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/21/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/21/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.666	05/21/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/21/98	SAC	117-84-0		U

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633386 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH24-1-SURR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.038	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.158	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.070	05/21/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/21/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/21/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	58	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	69	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	35	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	58	%		*	05/21/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633386 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH24-1-SURR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	58	%		*	05/21/98	SAC	13127-88-3		
Terphenyl-d14 (S)	62	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	**ND**								

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633394 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH24-1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC - Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.044	0.0118	05/22/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.044	*	05/22/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.044	*	05/22/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.044	*	05/22/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.044	*	05/22/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.044	*	05/22/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.044	0.1211	05/22/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	107	%		*	05/22/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	106	%		*	05/22/98	DKP	877-09-8		
Date Extracted	05/20/98			*		DKP			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633394
Client Sample ID: TH24-1-5

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/21/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/21/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/21/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/21/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/21/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/21/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/21/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/21/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/21/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/21/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/21/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/21/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/21/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/21/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/21/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/21/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/21/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/21/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/21/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/21/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/21/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/21/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107330
Client Project ID: 980509-13

Pace Sample No.: 10633394
Client Sample ID: TH24-1-5

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/21/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/21/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/21/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/21/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/21/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/21/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/21/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.639	05/21/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/21/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/21/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/21/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/21/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/21/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/21/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/21/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/21/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/21/98	SAC	111-91-1		U
bis(2-Chloroethyl)other	ND	ug/kg	330	28.579	05/21/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/21/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.662	05/21/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.138	05/21/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/21/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/21/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/21/98	SAC	117-84-0		U

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633394
Client Sample ID: TH24-1-5

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/21/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/21/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/21/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/21/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/21/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/21/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/21/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/21/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/21/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/21/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/21/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.168	05/21/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/21/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/21/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/21/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/21/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1000	48.026	05/21/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/21/98	SAC	85-01-8		U
Phenol	ND	ug/kg	330	49.142	05/21/98	SAC	108-95-2		U
Pyrene	ND	ug/kg	330	34.334	05/21/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	66	%		*	05/21/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	78	%		*	05/21/98	SAC	321-60-8		
2-Fluorophenol (S)	37	%		*	05/21/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	67	%		*	05/21/98	SAC	4165-60-0		

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633394
Client Sample ID: TH24-1-5

Date Collected: 05/09/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	57	%		*	05/21/98	SAC	13127-88-3		
Terphenyl-d14 (S)	66	%		*	05/21/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	ND								

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DATE: 05/28/98
PAGE: 33

Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633402 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH24-1-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.12	0.0333	05/22/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.12	*	05/22/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.12	*	05/22/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.12	*	05/22/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.12	*	05/22/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.12	*	05/22/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.12	0.3395	05/22/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	116	%		*	05/22/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	118	%		*	05/22/98	DKP	877-09-8		
Date Extracted	05/20/98			*		DKP			
Total EPA 8080	ND								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633402 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T1124-1-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.182	05/22/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	39.738	05/22/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.248	05/22/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	26.753	05/22/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	53.938	05/22/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.159	05/22/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.563	05/22/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	163.65	05/22/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.048	05/22/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.052	05/22/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	36.853	05/22/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.115	05/22/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.237	05/22/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.346	05/22/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	93.602	05/22/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.491	05/22/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	31.747	05/22/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	23.857	05/22/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.268	05/22/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.316	05/22/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	46.631	05/22/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	38.808	05/22/98	SAC	59-50-7		U

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633402
Client Sample ID: TH24-1-10

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	650	27.372	05/22/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.686	05/22/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	89.177	05/22/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	40.836	05/22/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.681	05/22/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.693	05/22/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	28.887	05/22/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	36.480	05/22/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.399	05/22/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.432	05/22/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	35.883	05/22/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	70.983	05/22/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.426	05/22/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	49.594	05/22/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	262.34	05/22/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	650	72.517	05/22/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.470	05/22/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	28.294	05/22/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.257	05/22/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	59.946	05/22/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	85.277	05/22/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	48.784	05/22/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	62.921	05/22/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	90.177	05/22/98	SAC	117-84-0		U

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10533402 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH24-1-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.588	05/22/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.565	05/22/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.037	05/22/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	28.813	05/22/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.252	05/22/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	38.732	05/22/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.261	05/22/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.166	05/22/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	86.666	05/22/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.337	05/22/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.539	05/22/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	29.857	05/22/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.366	05/22/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	48.809	05/22/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	25.883	05/22/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	32.914	05/22/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	47.546	05/22/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.068	05/22/98	SAC	85-01-8		U
Phenol	330	ug/kg	330	48.651	05/22/98	SAC	108-95-2		
Pyrene	ND	ug/kg	330	33.991	05/22/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	88	%		*	05/22/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	76	%		*	05/22/98	SAC	321-60-8		
2-Fluorophenol (S)	71	%		*	05/22/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	67	%		*	05/22/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633402
Client Sample ID: TH24-1-10

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	65	%		*	05/22/98	SAC	13127-88-3		
Terphenyl-d14 (S)	116	%		*	05/22/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	330								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633410 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH25-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/22/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/22/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/22/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/22/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/22/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/22/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/22/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/22/98	SAC	105 67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/22/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/22/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/22/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/22/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/22/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/22/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/22/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/22/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/22/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/22/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/22/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	36.673	05/22/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/22/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/22/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633410
Client Sample ID: TH25-1-SUR

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/22/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/22/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/22/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/22/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/22/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/22/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/22/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/22/98	SAC	208-96-8		U
Anthracene	330	ug/kg	330	36.787	05/22/98	SAC	120-12-7		
Benzo(a)anthracene	2100	ug/kg	330	39.830	05/22/98	SAC	56-55-3		
Benzo(a)pyrene	3500	ug/kg	330	36.245	05/22/98	SAC	50-32-8		
Benzo(b)fluoranthene	3700	ug/kg	330	71.700	05/22/98	SAC	205-99-2		
Benzo(g,h,i)perylene	900	ug/kg	330	38.814	05/22/98	SAC	191-24-2		
Benzo(k)fluoranthene	1500	ug/kg	330	50.095	05/22/98	SAC	207-08-9		
Benzoic Acid	ND	ug/kg	1600	264.09	05/22/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/22/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/22/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	26.579	05/22/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/22/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/22/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	86.136	05/22/98	SAC	85-68-7		U
Chrysene	2100	ug/kg	330	49.277	05/22/98	SAC	218-01-9		
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/22/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/22/98	SAC	117-84-0		U

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633410 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH25-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.968	05/22/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/22/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/22/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/22/98	SAC	131-11-3		U
Fluoranthene	1600	ug/kg	330	40.659	05/22/98	SAC	206-44-0		
Fluorene	ND	ug/kg	330	39.123	05/22/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/22/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/22/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/22/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/22/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	1100	ug/kg	330	39.938	05/22/98	SAC	193-39-5		
Isophorone	ND	ug/kg	330	30.168	05/22/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/22/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/22/98	SAC	86-30-6		U
Naphthalene	trace	ug/kg	330	26.144	05/22/98	SAC	91-20-3	1	J
Nitrobenzene	ND	ug/kg	330	33.247	05/22/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	49.026	05/22/98	SAC	87-86-5		U
Phenanthrene	930	ug/kg	330	39.463	05/22/98	SAC	85-01-8		
Phenol	ND	ug/kg	330	49.142	05/22/98	SAC	108-95-2		U
Pyrene	2500	ug/kg	330	34.334	05/22/98	SAC	129-00-0		
2,4,6-Tribromophenol (S)	87	%		*	05/22/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	72	%		*	05/22/98	SAC	321-60-8		
2-Fluorophenol (S)	73	%		*	05/22/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	71	%		*	05/22/98	SAC	4165-60-0		

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633410 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH25-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	68	%		*	05/22/98	SAC	13127-88-3		
Terphenyl-d14 (S)	90	%		*	05/22/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	**20260**								

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633444 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.084	0.0229	05/22/98	DKP	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.084	*	05/22/98	DKP	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.084	*	05/22/98	DKP	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.084	*	05/22/98	DKP	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.084	*	05/22/98	DKP	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.084	*	05/22/98	DKP	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.084	0.2340	05/22/98	DKP	11096-82-5		U
Decachlorobiphenyl (S)	97	%		*	05/22/98	DKP	2051-24-3		
Tetrachloro-meta-xylene (S)	104	%		*	05/22/98	DKP	877-09-8		
Date Extracted	05/20/98			*		DKP			
Total EPA 8080	**ND**								

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Pace Analytical

Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10833444 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/kg	330	26.447	05/22/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/kg	330	40.139	05/22/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/kg	330	31.564	05/22/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/kg	330	27.023	05/22/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/kg	330	54.483	05/22/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/kg	330	52.696	05/22/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/kg	330	42.993	05/22/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/kg	330	165.31	05/22/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/kg	1600	45.503	05/22/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/kg	330	35.406	05/22/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/kg	330	37.225	05/22/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/kg	330	32.439	05/22/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/kg	330	43.674	05/22/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/kg	330	26.613	05/22/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/kg	330	94.548	05/22/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/kg	1600	37.869	05/22/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/kg	330	32.068	05/22/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/kg	660	24.098	05/22/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/kg	1600	33.604	05/22/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	35.673	05/22/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/kg	330	47.102	05/22/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/kg	660	39.200	05/22/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980508-13

Pace Sample No.: 10633444 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/kg	660	27.649	05/22/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/kg	330	17.863	05/22/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/kg	330	90.077	05/22/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/kg	1600	41.247	05/22/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/kg	1600	28.970	05/22/98	SAC	100-02-7		U
Acenaphthene	ND	ug/kg	330	29.179	05/22/98	SAC	83-32-9		U
Acenaphthene	ND	ug/kg	330	29.993	05/22/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/kg	330	35.839	05/22/98	SAC	208-96-8		U
Anthracene	ND	ug/kg	330	38.787	05/22/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/kg	330	39.830	05/22/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/kg	330	36.245	05/22/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/kg	330	71.700	05/22/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/kg	330	38.814	05/22/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/kg	330	50.095	05/22/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/kg	1600	264.99	05/22/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/kg	660	73.25	05/22/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/kg	330	28.757	05/22/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/kg	330	29.579	05/22/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	43.694	05/22/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	60.552	05/22/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/kg	330	66.138	05/22/98	SAC	85-68-7		U
Chrysene	ND	ug/kg	330	49.277	05/22/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/kg	330	63.556	05/22/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/kg	330	91.088	05/22/98	SAC	117-84-0		U

* Indicates MDL not available, a surrogate compound, or for Aroclors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107339
Client Project ID: 980509-13

Pace Sample No.: 10633444
Client Sample ID: TH22-1-SUR

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenz(a,h)anthracene	ND	ug/kg	330	37.969	05/22/98	SAC	53-70-3		U
Dibenzofuran	ND	ug/kg	330	31.884	05/22/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/kg	330	30.341	05/22/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/kg	330	29.104	05/22/98	SAC	131-11-3		U
Fluoranthene	ND	ug/kg	330	40.659	05/22/98	SAC	206-44-0		U
Fluorene	ND	ug/kg	330	39.123	05/22/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/kg	330	41.678	05/22/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/kg	330	33.501	05/22/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/kg	330	87.541	05/22/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/kg	330	29.634	05/22/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	39.938	05/22/98	SAC	193-39-5		U
Isophorone	ND	ug/kg	330	30.159	05/22/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/kg	330	37.743	05/22/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/kg	330	49.302	05/22/98	SAC	86-30-6		U
Naphthalene	ND	ug/kg	330	26.144	05/22/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/kg	330	33.247	05/22/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/kg	1600	48.026	05/22/98	SAC	87-86-5		U
Phenanthrene	ND	ug/kg	330	39.463	05/22/98	SAC	85-01-8		U
Phenol	430	ug/kg	330	49.142	05/22/98	SAC	108-95-2		
Pyrene	ND	ug/kg	330	34.334	05/22/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	66	%		*	05/22/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	63	%		*	05/22/98	SAC	321-60-8		
2-Fluorophenol (S)	59	%		*	05/22/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	57	%		*	05/22/98	SAC	4165-60-0		

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107330
Client Project ID: 980509-13

Pace Sample No.: 10633444 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Phenol-d6 (S)	58	%		*	05/22/98	SAC	13127-88-3		
Terphenyl-d14 (S)	85	%		*	05/22/98	SAC	1718-51-0		
Date Extracted	05/19/98			*		SAC			
Total EPA 8270	**430**								

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107339
Client Project ID: 980509-13

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
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May 28, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021618
Client Project ID: 980509-13

Dear :

Enclosed are the results of analyses for sample(s) received on May 12, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full

SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3070 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 6018/2377
Client Sample ID: TH-22-1-3

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/19/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/19/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/19/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/19/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/19/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/19/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/19/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/19/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/19/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.46	05/19/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/19/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/19/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/19/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/19/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/19/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/19/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/19/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.98	05/19/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/19/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/19/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/19/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/19/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/19/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/19/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/19/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/19/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/19/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872377
Client Sample ID: TH-22-1-3

Date Collected: 05/09/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/19/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/19/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/19/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/19/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/19/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/19/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/19/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/19/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/19/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/19/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/19/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/19/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/19/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/19/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/19/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/19/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/19/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/19/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/19/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/19/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/19/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/19/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/19/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/19/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/19/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/19/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/19/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.83	05/19/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/19/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/19/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/19/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/19/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872377
Client Sample ID: TH-22-1-3

Date Collected: 05/08/98
Date Received: 05/12/98

Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/19/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/19/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/19/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/19/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/19/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/19/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/19/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/19/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/19/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/19/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	85	%		1.82	05/19/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	105	%		1.01	05/19/98	GPO	460-00-4		
Dibromofluoromethane (S)	109	%		1.81	05/19/98	GPO	1868-53-7		
Toluene-d8 (S)	121	%		1.48	05/19/98	GPO	2037-26-5	1	
Total EPA 8260	**ND**								

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872365
Client Sample ID: TH-22-1-5
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/20/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/20/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/20/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/20/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/20/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/20/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/20/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/20/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/20/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/20/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/20/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/20/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/20/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/20/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/20/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/20/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/20/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/20/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.03	05/20/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/20/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/20/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/20/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/20/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/20/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/20/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980609-13

Pace Sample No.: 601872385
Client Sample ID: TH-22-1-5
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/20/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/20/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/20/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/20/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/20/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/20/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/20/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/20/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/20/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/20/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/20/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/20/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/20/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/20/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/20/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/20/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/20/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/20/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/20/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/20/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/20/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/20/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/20/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/20/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/20/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/20/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.86	05/20/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/20/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/20/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/20/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/20/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/20/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872385 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-22-1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/20/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/20/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/20/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/20/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.59	05/20/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/20/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/20/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/20/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/20/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	90	%		1.82	05/20/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	96	%		1.01	05/20/98	GPO	460-00-4		
Dibromofluoromethane (S)	109	%		1.81	05/20/98	GPO	1868-53-7		
Toluene-d8 (S)	102	%		1.48	05/20/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872393 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-23-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/20/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/20/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/20/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/20/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/20/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/20/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/20/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/20/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/20/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/20/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/20/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/20/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.63	05/20/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.61	05/20/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/20/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/20/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/20/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/20/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/20/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/20/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/20/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/20/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/20/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/20/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/20/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/20/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	108-86-1		U

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601669266 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T 20-2-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/15/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/15/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/15/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/15/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/15/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/15/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/15/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/15/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/15/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/15/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/15/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/15/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.61	05/15/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/15/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/15/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/15/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/15/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/15/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/15/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/15/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/15/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/15/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/15/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/15/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/15/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	108-86-1		U

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601869256 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T 20-2-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Bromochloromethane	ND	ug/kg	5	0.43	05/15/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/15/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/15/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/15/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/15/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/15/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/15/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/15/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/15/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/15/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/15/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/15/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/15/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/15/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/15/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/15/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/15/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/15/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/15/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/15/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/15/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/15/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/15/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/15/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/15/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/15/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/15/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/15/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/15/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/15/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/15/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/15/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872393 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-23-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/20/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/20/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/20/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/20/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.89	05/20/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/20/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/20/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/20/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/20/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/20/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/20/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/20/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/20/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/20/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/20/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/20/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/20/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/20/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/20/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.66	05/20/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/20/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/20/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/20/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/20/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/20/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/20/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/20/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/20/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/20/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/20/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/20/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/20/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872393
Client Sample ID: TH-23-1-SUR
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/20/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/20/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/20/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/20/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/20/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/20/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/20/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/20/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/20/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	86	%		1.82	05/20/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	86	%		1.01	05/20/98	GPO	460-00-4		
Dibromofluoromethane (S)	103	%		1.81	05/20/98	GPO	1868-53-7		
Toluene-d8 (S)	109	%		1.48	05/20/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872435 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-23-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/20/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/20/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/20/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/20/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/20/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/20/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/20/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/20/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/20/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/20/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/20/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/20/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.63	05/20/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/20/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/20/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/20/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/20/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/20/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/20/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/20/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/20/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/20/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/20/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/20/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/20/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/20/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872435
Client Sample ID: TH-23-1-3
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/20/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/20/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/20/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/20/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/20/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/20/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/20/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/20/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/20/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/20/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/20/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/20/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/20/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/20/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/20/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/20/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/20/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/20/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/20/98	GPO	100-41 4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/20/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/20/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/20/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/20/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/20/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/20/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/20/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/20/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/20/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/20/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/20/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/20/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/20/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601072435
Client Sample ID: TH-23-1-3
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/20/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/20/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/20/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/20/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/20/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.6	05/20/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/20/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/20/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/20/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	86	%		1.82	05/20/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	94	%		1.01	05/20/98	GPO	460-00-4		
Dibromofluoromethane (S)	105	%		1.81	05/20/98	GPO	1868-53-7		
Toluene-d8 (S)	112	%		1.48	05/20/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872443 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-23-1-5 Date Received: 05/12/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/20/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/20/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/20/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/20/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/20/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/20/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/20/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.55	05/20/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/20/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/20/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/20/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/20/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.63	05/20/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/20/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/20/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/20/98	GPO	108 67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/20/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.66	05/20/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/20/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/20/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/20/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/20/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/20/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/20/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/20/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/20/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	108-86-1		U

Paco Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872443 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-23-1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/20/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/20/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/20/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/20/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/20/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/20/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/20/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/20/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/20/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/20/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/20/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/20/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/20/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/20/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/20/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/20/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/20/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/20/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/20/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/20/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/20/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/20/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/20/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/20/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/20/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/20/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/20/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/20/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/20/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/20/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/20/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/20/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872443
Client Sample ID: TH-23-1-5
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/20/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/20/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/20/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/20/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/20/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/20/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/20/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/20/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/20/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	88	%		1.82	05/20/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	91	%		1.01	05/20/98	GPO	460-00-4		
Dibromofluoromethane (S)	100	%		1.81	05/20/98	GPO	1868-53-7		
Toluene-d8 (S)	113	%		1.48	05/20/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872468 Date Collected: 05/09/98 Matrix: Soil
Client Sample ID: TH-24-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/20/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/20/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/20/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/20/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/20/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/20/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/20/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/20/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/20/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/20/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/20/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/20/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/20/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/20/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/20/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/20/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/20/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/20/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/20/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/20/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/20/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/20/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/20/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/20/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/20/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980609-13

Pace Sample No.: 601872468 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-24-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/20/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/20/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/20/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/20/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.89	05/20/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/20/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/20/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/20/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/20/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/20/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/20/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/20/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/20/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/20/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/20/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/20/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/20/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/20/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/20/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/20/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/20/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/20/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/20/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/20/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/20/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/20/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/20/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/20/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/20/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/20/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.63	05/20/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/20/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872468
Client Sample ID: TH-24-1-SUR
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/20/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/20/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/20/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/20/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/20/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/20/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/20/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/20/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/20/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	90	%		1.82	05/20/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	85	%		1.01	05/20/98	GPO	460-00-4		
Dibromofluoromethane (S)	105	%		1.81	05/20/98	GPO	1868-53-7		
Toluene-d8 (S)	106	%		1.48	05/20/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 5021618
Client Project ID: 980509-13

Pace Sample No.: 601872484 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-24-1-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/20/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/20/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/20/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/20/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/20/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/20/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/20/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.58	05/20/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/20/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/20/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/20/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/20/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/20/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/20/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/20/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/20/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.86	05/20/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/20/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/20/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/20/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/20/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/20/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/20/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/20/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/20/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872484
Client Sample ID: TH-24-1-5
Date Collected: 05/09/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/20/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/20/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/20/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/20/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/20/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/20/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/20/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/20/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/20/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/20/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/20/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/20/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/20/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/20/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/20/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/20/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/20/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/20/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/20/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/20/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/20/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/20/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/20/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/20/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/20/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/20/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/20/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/20/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/20/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/20/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/20/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/20/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872484
Client Sample ID: TH-24-1-5
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/20/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/20/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/20/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/20/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/20/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/20/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/20/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/20/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/20/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	84	%		1.82	05/20/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	81	%		1.01	05/20/98	GPO	460-00-4		
Dibromofluoromethane (S)	100	%		1.81	05/20/98	GPO	1868-53-7		
Toluene-d8 (S)	98	%		1.48	05/20/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 8021618
Client Project ID: 980509-13

Pace Sample No.: 601872492 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-24-1-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/20/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/20/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/20/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/20/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/20/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/20/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/20/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/20/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/20/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/20/98	GPO	95-63-6		U
1,2-Dibromo-3 Chloropropane	ND	ug/kg	5	1.13	05/20/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/20/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/20/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/20/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/20/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/20/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/20/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/20/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/20/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/20/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/20/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/20/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/20/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.36	05/20/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/20/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/20/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/20/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872492
Client Sample ID: TH-24-1-10
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/20/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/20/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/20/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/20/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/20/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/20/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/20/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/20/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/20/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/20/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/20/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/20/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/20/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/20/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/20/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/20/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/20/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/20/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/20/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/20/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/20/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/20/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/20/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/20/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/20/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/20/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/20/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/20/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/20/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/20/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/20/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/20/98	GPO	994-05-8		U

Pace Project Number. 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872492
Client Sample ID: TH-24-1-10
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/20/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/20/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/20/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/20/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/20/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/20/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/20/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/20/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/20/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/20/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	88	%		1.82	05/20/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	86	%		1.01	05/20/98	GPO	460-00-4		
Dibromofluoromethane (S)	98	%		1.81	05/20/98	GPO	1868-53-7		
Toluene-d8 (S)	107	%		1.48	05/20/98	GPO	2037-26-5		

Total EPA 8260 **ND**

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872500 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-25-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.56	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.36	05/21/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601972500 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-25-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.65	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872500
Client Sample ID: TH-25-1-SUR
Data Collected: 05/09/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	97	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	95	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	113	%		1.81	05/21/98	GPO	1868-53-7		
Toluene-d8 (S)	118	%		1.48	05/21/98	GPO	2037-26-5	1	

Total EPA 8260 ND

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872518
Client Sample ID: T20-2-SUR
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

GC/MS -- VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/21/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021818
Client Project ID: 980509-13

Pace Sample No.: 601872518
Client Sample ID: T20-2-SUR
Date Collected: 05/09/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.65	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872518
Client Sample ID: T20-2-SUR
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	90	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	91	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	110	%		1.81	05/21/98	GPO	1868-53-7		
Toluene-d8 (S)	104	%		1.48	05/21/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Project Number: 6021818
Client Project ID: 980509-13

Pace Sample No.: 601872526
Client Sample ID: TH22-1-SUR
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/21/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980508-13

Pace Sample No.: 601872526 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH22-1-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.87	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.82	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872526
Client Sample ID: TH22-1-SUR
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.67	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	93	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	82	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	106	%		1.81	05/21/98	GPO	1868-53-7		
Toluene-d8 (S)	108	%		1.48	05/21/98	GPO	2037-26-5		

Total EPA 8260 **ND**

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872534 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T24-2-SUR Date Received: 05/12/98

GC/MS – VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/21/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872534
Client Sample ID: T24-2-SUR
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980809-13

Pace Sample No.: 601872534
Client Sample ID: T24-2-SUR
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.6	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	94	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	86	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	106	%		1.81	05/21/98	GPO	1868-53-7		
Toluene-d8 (S)	102	%		1.48	05/21/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872842
Client Sample ID: T24-2-3
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/21/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/21/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/21/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/21/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/21/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/21/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/21/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/21/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/21/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/21/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/21/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/21/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/21/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/21/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/21/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.6	05/21/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/21/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/21/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/21/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/21/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/21/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/21/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/21/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/21/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/21/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/21/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/21/98	GPO	108-86-1		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872542 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T24-2-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/21/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/21/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/21/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/21/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/21/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/21/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/21/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/21/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/21/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/21/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/21/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/21/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/21/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/21/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/21/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/21/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/21/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/21/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/21/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/21/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/21/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/21/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/21/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/21/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/21/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/21/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/21/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/21/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/21/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/21/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/21/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/21/98	GPO	994-05-8		U

Pace Project Number: 6021618
Client Project ID: 980509-13

Pace Sample No.: 601872542
Client Sample ID: T24-2-3
Date Collected: 05/08/98
Date Received: 05/12/98
Matrix: Soil

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/21/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/21/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/21/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/21/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/21/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/21/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/21/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/21/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/21/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/21/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	90	%		1.82	05/21/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	89	%		1.01	05/21/98	GPO	460-00-4		
Dibromofluoromethane (S)	100	%		1.81	05/21/98	GPO	1868-53-7		
Toluene-d8 (S)	113	%		1.48	05/21/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021618
Client Project ID: 980509-13

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected
[1]	The Surrogate recovery value exceeded the established laboratory control limit value(117%).

Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

May 19, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021594
Client Project ID: 980509-13

Dear :

Enclosed are the results of analyses for sample(s) received on May 12, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601869225 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-22-1-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/15/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/15/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/15/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/15/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/15/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/15/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/15/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/15/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/15/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/15/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/15/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/15/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/15/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/15/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/15/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.20	05/15/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/15/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/15/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/15/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/15/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/15/98	GPO	95-49-8		U
2 Hexanone	ND	ug/kg	100	2.55	05/15/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/15/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/15/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/15/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/15/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	108-86-1		U

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601869225 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-22-1-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/15/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/15/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/15/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/15/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/15/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/15/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/15/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/15/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/15/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/15/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/15/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/15/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/15/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/15/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/15/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/15/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/15/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/15/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/15/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/15/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/15/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/15/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/15/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/15/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/15/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/15/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/15/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/15/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/15/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/15/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/15/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/15/98	GPO	994-05-8		U

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601869225 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-22-1-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/15/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/15/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/15/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/15/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.62	05/15/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.56	05/15/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/15/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/15/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/15/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/15/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	86	%		1.82	05/15/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	91	%		1.01	05/15/98	GPO	460-00-4		
Dibromofluoromethane (S)	102	%		1.81	05/15/98	GPO	1868-53-7		
Toluene-d8 (S)	103	%		1.48	05/15/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601869233 Date Collected: 05/09/98 Matrix: Soil
Client Sample ID: TH-23-1-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/15/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/15/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/15/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/15/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/15/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/15/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/15/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/15/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/15/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/15/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/15/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/15/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/15/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/15/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/15/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/15/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/15/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/15/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/15/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/15/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/15/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/15/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/15/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/15/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/15/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/15/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/15/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/15/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/15/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/15/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/15/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/15/98	GPO	994-05-8		U

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601869233 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID. TH-23-1-10 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-Butyl Alcohol(TBA)	ND	ug/kg	100		05/15/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/15/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/15/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/15/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/15/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/15/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/15/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/15/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/15/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	88	%		1.82	05/15/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	78	%		1.01	05/15/98	GPO	460-00-4		
Dibromofluoromethane (S)	101	%		1.81	05/15/98	GPO	1868-53-7		
Toluene-d8 (S)	113	%		1.48	05/15/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601869241 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-24-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/15/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/15/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/15/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/15/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/15/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/15/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/15/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/15/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/15/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/15/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/15/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/15/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/15/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/15/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/15/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/15/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/15/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/15/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/15/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/15/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.66	05/15/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/15/98	GPO	106-43-4		U
4-Methyl 2-Pentanone	ND	ug/kg	10	2.38	05/15/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/15/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/15/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	108-86-1		U

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 501869241 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-24-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/15/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/15/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/15/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/15/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/15/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/15/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/15/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/15/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/15/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/15/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/15/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/15/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/15/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/15/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/15/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/15/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/15/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/15/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/15/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/15/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/15/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/15/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/15/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/15/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/15/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/15/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/15/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/15/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/15/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/15/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/15/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/15/98	GPO	994-05-8		U

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601859241 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-24-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/15/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/15/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/15/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/15/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/15/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/15/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/15/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/15/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/15/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	87	%		1.82	05/15/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	81	%		1.01	05/15/98	GPO	460-00-4		
Dibromofluoromethane (S)	106	%		1.81	05/15/98	GPO	1868-53-7		
Toluene-d8 (S)	103	%		1.46	05/15/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601859258 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-25-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/15/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/15/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/15/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/15/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/15/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/15/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/15/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/15/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/15/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/15/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/15/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/15/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/15/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/15/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/15/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/15/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/15/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/15/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/15/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/15/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.95	05/15/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/15/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/15/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/15/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/15/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	108-86-1		U

Pace Project Number: 6021594
Client Project ID: 980609-13

Pace Sample No.: 601869258 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-25-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/15/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/15/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/15/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/15/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/15/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/15/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/15/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/15/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/15/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/15/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/15/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/15/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/15/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/15/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/15/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/15/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/15/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/15/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/15/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/15/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/15/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/15/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/15/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/15/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/15/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/15/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/15/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/15/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/15/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/15/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/15/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/15/98	GPO	994-05-8		U

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601869258 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TH-25-1-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/15/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/15/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/15/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/15/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/15/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/15/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/15/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/15/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/15/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	89	%		1.82	05/15/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	96	%		1.01	05/15/98	GPO	460-00-4		
Dibromofluoromethane (S)	106	%		1.81	05/15/98	GPO	1868-53-7		
Toluene-d8 (S)	113	%		1.48	05/15/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021594
Client Project ID: 980508-13

Pace Sample No.: 601869266 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T 20-2-3 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/15/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/15/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/15/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/15/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/15/98	GPO	10061-02-6		U
Trichloroethane	ND	ug/kg	5	0.5	05/15/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/15/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/15/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/15/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	88	%		1.82	05/15/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	90	%		1.01	05/15/98	GPO	460-00-4		
Dibromofluoromethane (S)	90	%		1.81	05/15/98	GPO	1868-53-7		
Toluene d8 (S)	107	%		1.48	05/15/98	GPO	2037-26-5		

Total EPA 8260 ND

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601869274 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: F 21-3 SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/15/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/15/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/15/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/15/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/15/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/15/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/15/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/15/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/15/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/15/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/15/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/15/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/15/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/15/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/15/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/15/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/15/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/15/98	GPO	78 93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/15/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/15/98	GPO	95-49-8		U
2 Hexanone	ND	ug/kg	100	2.55	05/15/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/15/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/15/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/15/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/15/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	108-86-1		U

Pace Project Number: 6021594
Client Project ID: 980609-13

Pace Sample No.: 601869274 Date Collected: 05/09/98 Matrix: Soil
Client Sample ID: T 21-3 SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/15/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/15/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/15/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/15/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/15/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/15/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/15/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/15/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/15/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/15/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/15/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/15/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/15/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/15/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/15/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/15/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/15/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/15/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.66	05/15/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/15/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/15/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/15/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/15/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/15/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/15/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/15/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.86	05/15/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/15/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/15/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/15/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/15/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/15/98	GPO	994-05-8		U

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601869274 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T 21-3 SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/15/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/15/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/15/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/15/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/15/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/15/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/15/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/15/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/15/98	GPO	75-01-4		U
1,2 Dichloroethane-d4 (S)	88	%		1.82	05/15/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	89	%		1.01	05/15/98	GPO	460-00-4		
Dibromofluoromethane (S)	102	%		1.81	05/15/98	GPO	1868-53-7		
Toluene-d8 (S)	119	%		1.48	05/15/98	GPO	2037-26-5	1	
Total EPA 8260	**ND**								

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601869290 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T22-2-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/15/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/15/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/15/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/15/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/15/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/15/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/15/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/15/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/15/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/15/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/15/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/15/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/15/98	GPO	107-06-2		U
1,2 Dichloropropane	ND	ug/kg	5	0.7	05/15/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/15/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/15/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/15/98	GPO	594-20-7		U
2 Butanone	ND	ug/kg	10	2.72	05/15/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/15/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/15/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/15/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/15/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/15/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/15/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/15/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	108-86-1		U

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601999290 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T22-2-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/15/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/15/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/15/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/15/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/15/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/15/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/15/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/15/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/15/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/15/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/15/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/15/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/15/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/15/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/15/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/15/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/15/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/15/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/15/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/15/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/15/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/15/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/15/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/15/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/15/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/15/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/15/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/15/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/15/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/15/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/15/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/15/98	GPO	994-05-8		U

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601869290 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T22-2-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/15/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/15/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/15/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/15/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/15/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/15/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/15/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/15/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/15/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	95	%		1.82	05/15/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	90	%		1.01	05/15/98	GPO	460-00-4		
Dibromofluoromethane (S)	113	%		1.81	05/15/98	GPO	1868-53-7		
Toluene-d8 (S)	107	%		1.48	05/15/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021694
Client Project ID: 980609-13

Pace Sample No.: 601869381 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T24-2-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/15/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/15/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/15/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/15/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/15/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/15/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/15/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.58	05/15/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/15/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/15/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/15/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/15/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/15/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/15/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/15/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/15/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/15/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/15/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/15/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/15/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/15/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/15/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/15/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/15/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/15/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	108-86-1		U

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601869381 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T24-2-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/15/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/15/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/15/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/15/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/15/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/15/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/15/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/15/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/15/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/15/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/15/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/15/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/15/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/15/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/15/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/15/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/15/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/15/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/15/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/15/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/15/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/15/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/kg	5		05/15/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/15/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/15/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/15/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/15/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.63	05/15/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/15/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/15/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/15/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/15/98	GPO	994-05-8		U

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601869381 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T24-2-5 Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/15/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/15/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/15/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/15/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/15/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/15/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/15/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/15/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/15/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	86	%		1.82	05/15/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	92	%		1.01	05/15/98	GPO	460-00-4		
Dibromofluoromethane (S)	102	%		1.01	05/15/98	GPO	1868-53-7		
Toluene-d8 (S)	105	%		1.48	05/15/98	GPO	2037-26-5		
Total EPA 8260	**ND**								

Pace Project Number: 6021694
Client Project ID: 980509-13

Pace Sample No.: 601869399 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T24-3-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8200			
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	0.44	05/15/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/kg	5	0.73	05/15/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	0.4	05/15/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/kg	5	0.71	05/15/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/kg	5	0.67	05/15/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/kg	5	0.81	05/15/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/kg	5	1.21	05/15/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/kg	5	0.56	05/15/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/kg	5	0.71	05/15/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/kg	5	0.45	05/15/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	1.13	05/15/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/kg	5	0.46	05/15/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/kg	5	0.51	05/15/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/kg	5	0.7	05/15/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/kg	5	0.64	05/15/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/kg	5	0.5	05/15/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/kg	5	0.29	05/15/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/kg	5	0.88	05/15/98	GPO	594-20-7		U
2-Butanone	ND	ug/kg	10	2.72	05/15/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	1.93	05/15/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/kg	5	0.42	05/15/98	GPO	95-49-8		U
2-Hexanone	ND	ug/kg	100	2.55	05/15/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/kg	5	0.35	05/15/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/kg	10	2.38	05/15/98	GPO	108-10-1		U
Acetone	ND	ug/kg	20	4.34	05/15/98	GPO	67-64-1		U
Benzene	ND	ug/kg	5	0.69	05/15/98	GPO	71-43-2		U
Bromobenzene	ND	ug/kg	5	0.53	05/15/98	GPO	108-86-1		U

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601859399 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: TZ4-3-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/kg	5	0.43	05/15/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/kg	5	0.4	05/15/98	GPO	75-27-4		U
Bromoform	ND	ug/kg	5	0.48	05/15/98	GPO	75-25-2		U
Bromomethane	ND	ug/kg	5	1.37	05/15/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/kg	10	1.69	05/15/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/kg	5	0.73	05/15/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/kg	5	0.3	05/15/98	GPO	108-90-7		U
Chloroethane	ND	ug/kg	5	0.8	05/15/98	GPO	75-00-3		U
Chloroform	ND	ug/kg	5	0.48	05/15/98	GPO	67-66-3		U
Chloromethane	ND	ug/kg	5	0.81	05/15/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/kg	5	0.39	05/15/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/kg	5	0.52	05/15/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/kg	5	0.34	05/15/98	GPO	124-48-1		U
Dibromomethane	ND	ug/kg	5	0.69	05/15/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/kg	5	0.77	05/15/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/kg	5		05/15/98	GPO	108-20-3		U
Ethanol	ND	ug/kg	500		05/15/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/kg	5		05/15/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/kg	5	0.65	05/15/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/kg	5	0.85	05/15/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/kg	5	0.67	05/15/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/kg	5	1.17	05/15/98	GPO			U
Methyl tert-butyl Ether	ND	ug/kg	5		05/15/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/kg	5	0.87	05/15/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/kg	5	1.13	05/15/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/kg	5	0.62	05/15/98	GPO	103-65-1		U
Naphthalene	ND	ug/kg	5	0.85	05/15/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	0.83	05/15/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/kg	5	0.59	05/15/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/kg	5	0.67	05/15/98	GPO	135-98-8		U
Styrene	ND	ug/kg	5	0.53	05/15/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/kg	5		05/15/98	GPO	994-05-8		U

Pace Project Number: 6021594
Client Project ID: 980509-13

Pace Sample No.: 601869399 Date Collected: 05/08/98 Matrix: Soil
Client Sample ID: T24-3-SUR Date Received: 05/12/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/kg	100		05/15/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/kg	5	0.57	05/15/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/kg	5	0.87	05/15/98	GPO	127-18-4		U
Toluene	ND	ug/kg	5	0.7	05/15/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/kg	5	0.82	05/15/98	GPO	156 60-5		U
trans-1,3-Dichloropropene	ND	ug/kg	5	0.58	05/15/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/kg	5	0.5	05/15/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/kg	5	0.72	05/15/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/kg	100	2.22	05/15/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/kg	5	1.11	05/15/98	GPO	75-01-4		U
1,2-Dichloroethane-d4 (S)	92	%		1.82	05/15/98	GPO	17060-07-0		
4-Bromofluorobenzene (S)	94	%		1.01	05/15/98	GPO	460-00-4		
Dibromofluoromethane (S)	109	%		1.81	05/15/98	GPO	1868-53-7		
Toluene-d8 (S)	115	%		1.48	05/15/98	GPO	2037-26-5		

Total EPA 8260 **ND**

Pace Project Number: 6021594
Client Project ID: 980508-13

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	The Surrogate recovery value exceeded the established laboratory control limit value(117%).

Pace Analytical

1716 FT
980509-13 4 423333
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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Hayward CA 94545	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone	Project Name / No.		*Requested Due Date: 5-25-98

Sampled By (PRINT): Scott Bowen

Sampler Signature: [signature] Date Sampled: 5/8/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSIS REQUEST: CCL METALS	TPH-G	PCB	VOC's	SVOC's	REMARKS
1	TH22-1-3	840	S								X	X	X	X	X	
2	TH22-1-5	845														
3	TH22-1-10	850														RUSH
4	TH22-1-15	900														Archive
5	TH23-1-5	920									X	X		X	X	
6	TH23-1-3	925														
7	TH23-1-5	930														
8	TH23-1-10	935														RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] PSI	5/8/98	1700	FEDEX	5/8/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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980509-13
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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: DSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Hayward CA	Bill To: ←		Pace Project Manager
Phone: (510) 785-11	P.O. # / Billing Reference: 575-8500 (		Pace Project No.
Sampled By (PRINT):	Project Name / No.: West Approach		*Requested Due Date: 5-28-98
Sampler Signature:	Date Sampled:		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: * CCR METALS	TRPH-5	VOCs	SVOCs	PCB	REMARKS
1	TH23-1-15	940	S								X	X	X	X		Archive
2	TH24-1-5	1000													X	
3	TH24-1-3	1005														RUSH
4	TH24-1-5	1010														
5	TH24-1-10	1020														
6	TH24-1-15	1025														Archive
7	TH25-1-5	1105									X	X	X	X		
8	TH25-1-3	1110	↓								X	X	X	X		RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature]			Hunglam/Pace	5-9-98	1300

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 Winton Hayward, CA	Bill To: ←		Pace Project Manager
Phone: (510) 785-1414	P.O. # / Billing Reference: 80001		Pace Project No.
Sampled By (PRINT):	Project Name / No.: West App		*Requested Due Date: 5-25-98
Sampler Signature:	Date Sampled:		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR metals	TPH-S	VOCs	SVOCs	PCB	BTEX	REMARKS
1	TH25-1-5	1112	S								X	X	X	X			Archive
2	TH25-1-10	1120	↓								↓	↓	↓	↓			↓
3	TH25-1-15	1125	↓								↓	↓	↓	↓			
4	T20-2-5	1300	↓								X	X	X				
5	T20-2-3	1305	↓								↓	↓	↓				RUSH
6	T20-2-5	1310	↓								↓	↓	↓				Archive
7	T21-3-5	1315	↓								X	X	X	[illegible]	No		RUSH
8	T21-3-3	1320	↓								X	X	X	[illegible]	No		~~RUSH~~ Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible] / PSI	5/6/98	1700	FEDEX	5/6/98	1700

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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Page 4 of [illegible]

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: Hayward	Bill To:		Pace Project Manager
Phone	P.O. # / Billing Reference		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.		*Requested Due Date:
Sampler Signature	Date Sampled: 5/8/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	8260	8270	PCB	BTEX	No	REMARKS
1	~~[illegible]~~ TH22-5	1830	S								X	X	X	X	X	X		RUSH Archive
2	T22-2-S	1340									X	X	X					
3	T22-2-4	1345									X	X	X					
4	T24-2-S	1420									X	X	X					
5	T24-2-3	1425																
6	T24-2-5	1430																RUSH Archive
7	T24-2-10	1435	↓															
8	T24-3-S	1445																RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible] / PSI	5/8/98	1700	FEDEX	5/8/98	1700

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel 562 498-9515
Fax. 562-597-0786

Pace Analytical

Client Name:	PROFESSIONAL SERVICES INDUSTRIES, INC. 1320 W. WINTON AVENUE HAYWARD, CA 94545
Report To:	FRANK POSS
Project Name:	WEST APPROACH
Site Location:	
Date:	6/5/98

PACE ANALYTICAL Project #: 980519-03
PACE ANALYTICAL WO #: 13254A
Client ID #: 575-8G001

PACE ANALYTICAL , INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/18/98 and received on 05/18/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Water)	2-3
BTEX (Water)	4-5
TPH-Speciation (Water)	6-7
List of Abbreviations and Definitions	8

In addition the analyses for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1775

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0785

Pace Analytical

PACE ANALYTICAL Project#:980519-03
PACE ANALYTICAL WO#: 132549
Client ID#: 575-BG001

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	WT1-4	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	
Date Analyzed:	05/21/98	05/21/98		
Analyte				
Antimony (Sb)	<0.1	<0.1	0.1	6010
Arsenic (As)	0.24	<0.1	0.1	6010
Barium (Ba)	<0.2	<0.2	0.2	6010
Beryllium (Be)	<0.01	<0.01	0.01	6010
Cadmium (Cd)	<0.01	<0.01	0.01	6010
Chromium (Cr)	<0.01	<0.01	0.01	6010
Cobalt (Co)	<0.02	<0.02	0.02	6010
Copper (Cu)	<0.05	<0.05	0.05	6010
Lead (Pb)	<0.02	<0.02	0.02	6010
Mercury (Hg)*	<0.004	<0.004	0.004	7470
Molybdenum (Mo)	<0.05	<0.05	0.05	6010
Nickel (Ni)	<0.01	<0.01	0.01	6010
Selenium (Se)	<0.05	<0.05	0.05	6010
Silver (Ag)	<0.01	<0.01	0.01	6010
Thallium (Tl)	<0.1	<0.1	0.1	6010
Vanadium (V)	<0.01	<0.01	0.01	6010
Zinc (Zn)	<0.2	<0.2	0.2	6010
DF	1	1		

*Analyzed at ATL, 6/1/98.

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	ICV % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/21/98		05/21/98	05/21/98			
Antimony (Sb)	6010	99	70-130	101	100	70-130	1.0	0-25
Arsenic (As)	6010	102	70-130	104	104	79-118	0.0	0-9
Barium (Ba)	6010	98	70-130	99	98	75-114	1.0	0-9
Beryllium (Be)	6010	99	70-130	98	97	70-130	1.0	0-25
Cadmium (Cd)	6010	97	70-130	100	99	78-108	1.0	0-9
Chromium (Cr)	6010	98	70-130	99	98	75-108	1.0	0-9
Cobalt (Co)	6010	98	70-130	97	96	70-130	1.0	0-25
Copper (Cu)	6010	98	70-130	100	100	70-130	0.0	0-25
Lead (Pb)	6010	98	70-130	100	99	74-106	1.0	0-9
Mercury (Hg)*	7470	85	70-130	112	106	50-147	5.0	0-24
Molybdenum (Mo)	6010	99	70-130	99	99	70-130	0.0	0-25
Nickel (Ni)	6010	98	70-130	97	96	70-130	1.0	0-25
Selenium (Se)	6010	99	70-130	107	107	77-120	0.0	0-10
Silver (Ag)	6010	99	70-130	96	95	69-110	1.0	0-8
Thallium (Tl)	6010	97	70-130	104	103	70-130	1.0	0-25
Vanadium (V)	6010	99	70-130	100	99	70-130	1.0	0-25
Zinc (Zn)	6010	97	70-130	98	97	70-130	1.0	0-25

*Analyzed at ATL, 6/1/98.

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Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project# 980519-03
PACE ANALYTICAL WO#: 13254a
Client ID#: 575-8G001

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	WT1-4	Method Blank	
Units:	µg/L	µg/L	MDL µg/L
Analysis Date:	05/19/98	05/19/98	
Analyte			
Benzene	<0.3	<0.3	0.3
Toluene	<0.3	<0.3	0.3
Ethylbenzene	<0.6	<0.6	0.6
Total Xylenes	<0.6	<0.6	0.6
DF	1	1	
Surrogate Recovery %:			**Acceptable Range:**
a,a,a-Trifluorotoluene	109	107	62-131

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project# 980519-03
PACE ANALYTICAL WO#: 13254a
Client ID#: 575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/19/98		05/19/98	05/19/98			
Analyte							
Benzene	104	80-120	104	105	61-127	1.0	0-21
Toluene	110	80-120	108	109	61-116	0.9	0-18
Ethylbenzene	109	80-120	110	113	62-117	2.7	0-20
Total Xylenes	113	80-120	111	112	68-125	0.9	0-21

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
Tel: 562-498-9515
Fax 562-597-0786

PACE ANALYTICAL Project#:980519-03
PACE ANALYTICAL WO#: 13254a
Client ID#: 575-8G001

Analyst: RG
Preparation Analyst: RG

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/L	PRL mg/L	DF
Client ID:	Analysis Date			
Method Blank	05/28/98	<5.0	5.0	1
WT1-4	05/28/98	<5.0	5.0	1

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Long Beach, CA 90815
Tel: 562-498 9515
Fax: 562-597-0786

PACE ANALYTICAL Project# 980519-03
PACE ANALYTICAL WO#: 13254a
Client ID#: 575-80001

QUALITY CONTROL/QUALITY ASSURANCE REPORT

Analyst: RG
Preparation Analyst: RG

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis date:	05/28/98		05/28/98	05/28/98			
TPH-Speciation	95	80-120	89	93	70-130	4.4	0-30

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace
Address:
Phone:
Sampled By (PRINT):
Sampler Signature:
Date Sampled:

Report To: Richard
Bill To:
P.O. # / Billing Reference:
Project Name / No.: 7205/9-05

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.:
*Requested Due Date:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST	REMARKS
1	WT1-4		W					X			X	
2												
3												
4												
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible]	2/21/08		[illegible]		

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

13254.1

Page 1 of 1

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8001		Pace Project No.: 980519-03
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date:
Sampler Signature:	Date Sampled: 5/18/98		

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-D	BTEX	VOCs	SVOCs	PCBs	REMARKS
WT1-4	1130	W		13	4			9		X	X	X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
Overnight			

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/18/98	1700	Overnight	5/18/98	1700

SAMPLE CONDITION

Temp. °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498 9515
Fax. 562-597-0706

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980516-05
PACE ANALYTICAL WO #: 13244A
Client ID #: 575-BG001

Date: 6/8/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/15/98 and received on 05/15/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Water)	2-3
BTEX (Water)	4-5
TPH-Speciation (Water)	6-7
List of Abbreviations and Definitions	8

In addition the analyses for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by:
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980518 05
PACE ANALYTICAL WO#: 13244a
Client ID#: 575-aG001

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	WT3-2	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	
Date Analyzed:	05/21/98	05/21/98		
Analyte				
Antimony (Sb)	<0.1	<0.1	0.1	6010
Arsenic (As)	<0.1	<0.1	0.1	6010
Barium (Ba)	<0.2	<0.2	0.2	6010
Beryllium (Be)	<0.01	<0.01	0.01	6010
Cadmium (Cd)	<0.01	<0.01	0.01	6010
Chromium (Cr)	<0.01	<0.01	0.01	6010
Cobalt (Co)	<0.02	<0.02	0.02	6010
Copper (Cu)	<0.05	<0.05	0.05	6010
Lead (Pb)	<0.02	<0.02	0.02	6010
Mercury (Hg)*	<0.004	<0.004	0.004	7470
Molybdenum (Mo)	<0.05	<0.05	0.05	6010
Nickel (Ni)	<0.01	<0.01	0.01	6010
Selenium (Se)	<0.05	<0.05	0.05	6010
Silver (Ag)	<0.01	<0.01	0.01	6010
Thallium (Tl)	<0.1	<0.1	0.1	6010
Vanadium (V)	<0.01	<0.01	0.01	6010
Zinc (Zn)	<0.2	<0.2	0.2	6010
DF	1	1		

*Analyzed at ATL, 6/1/98.

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597 0786

Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		ICV % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		05/21/98		05/21/98	05/21/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	99	70-130	101	100	70-130	1.0	0-25
Arsenic (As)	6010	102	70-130	104	104	79-118	0.0	0-9
Barium (Ba)	6010	98	70-130	99	98	76-114	1.0	0-9
Beryllium (Be)	6010	99	70-130	98	97	70-130	1.0	0-25
Cadmium (Cd)	6010	97	70-130	100	99	78-108	1.0	0-9
Chromium (Cr)	6010	98	70-130	99	98	75-108	1.0	0-9
Cobalt (Co)	6010	98	70-130	97	96	70-130	1.0	0-25
Copper (Cu)	6010	98	70-130	100	100	70-130	0.0	0-25
Lead (Pb)	6010	98	70-130	100	99	74-106	1.0	0-9
Mercury (Hg)*	7470	85	70-130	112	106	50-147	6.0	0-24
Molybdenum (Mo)	6010	99	70-130	99	99	70-130	0.0	0-25
Nickel (Ni)	6010	98	70-130	97	96	70-130	1.0	0-25
Selenium (Se)	6010	99	70-130	107	107	77-120	0.0	0-10
Silver (Ag)	6010	99	70-130	96	95	69-110	1.0	0-8
Thallium (Tl)	6010	97	70-130	104	103	70-130	1.0	0-25
Vanadium (V)	6010	99	70-130	100	99	70-130	1.0	0-25
Zinc (Zn)	6010	97	70-130	98	97	70-130	1.0	0-25

*Analyzed at ATL, 6/1/98.

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562 597 0786

Pace Analytical

PACE ANALYTICAL Project#:980515-05
PACE ANALYTICAL WO#: 13244a
Client ID#: 575-8G001

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	WT3-2	Method Blank	MDL
Units:	µg/L	µg/L	µg/L
Analysis Date:	05/19/98	05/19/98	
Analyte			
Benzene	<0.3	<0.3	0.3
Toluene	<0.3	<0.3	0.3
Ethylbenzene	<0.6	<0.6	0.6
Total Xylenes	<0.6	<0.6	0.6
DF	1	1	
Surrogate Recovery %:			Acceptable Range:
a,a,a-Trifluorotoluene	108	107	62-131

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498 9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/19/98		05/19/98	05/19/98			
Analyte							
Benzene	104	80-120	104	105	61-127	1.0	0-21
Toluene	110	80-120	108	109	61-116	0.9	0-16
Ethylbenzene	109	80-120	110	113	62-117	2.7	0-20
Total Xylenes	113	80-120	111	112	66-125	0.9	0-21

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Tel. 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980516-05
PACE ANALYTICAL WO#: 13244a
Client ID#: 575-8G001

Analyst: RG
Preparation Analyst: RG

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/L	PRL mg/L	DF
Client ID:	Analysis Date			
Method Blank	05/28/98	<5.0	5.0	1
WT3-2	05/28/98	<5.0	5.0	1

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Fax: 562-597-0786

Pace Analytical

QUALITY CONTROL/QUALITY ASSURANCE REPORT

Analyst: RG
Preparation Analyst: RG

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis date:	05/28/98		05/28/98	05/28/98			
TPH-Speciation	85	80-120	89	93	70-130	4.4	0-30

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Long Beach, CA 90815

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

13244 A
980516-05 423369
1 of 1

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton, Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 525-8000(		Pace Project No.
	Project Name / No.: West Approach		*Requested Due Date: 5-30-98

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	WT3-2	1045	W		13	4			9		X	X	X	X	X	X	
2																	
3																	
4																	
5																	
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
←	PSI	5/15/98	1600	Hung Lam	5/15/98	1600

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Advanced Technology Laboratories

June 3, 1998

ELAP No.: 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: 980516-05
Lab No.: 26314-001

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples accepted and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or public by purpose without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 980516-05

Date Received: 05/27/98
Date Sampled: NA

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
26314-001	WT3-2	EPA 7470 (Mercury)	06/01/98	ND	Water, mg/L	0.004	0.004	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: 6/3/98
Cheryl De Los Reyes
Department Supervisor

The cover letter is an integral part of this analytical report

Spike Recovery and RPD Summary Report

Method: EPA 7470
Analyst: DJ
Data File: 80601-1
QA File: 8153-1

Date: 06-01-98
Sample ID: 26153-001
Matrix: WATER
QC Batch Number: HG980601W-1

ANALYTE	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	DLR
Mercury	mg/L	0.0100	0.0085	85	ND	ND	0.0100	0.0112	0.0106	112	106	50-147	6	24	0.004

Approved by: Cheryl De Los Reyes
Inorganics Supervisor

Date: 6/3/98

Advanced Technology Laboratories

Pace Analytical

423692

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace | Report To: Richard | Bill To: | P.O. # / Billing Reference: | Project Name / No.: 980516-05

Turn around Time:
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No:
*Requested Due Date:

Sampled By (PRINT):
Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST	REMARKS
1	WT3-2		~~SOLID~~					X			X	
2			W									
3												
4												
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	[illegible]	5/27/98		[illegible] ATL	5/27	4:35

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

RW

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

June 4, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107485
Client Project ID: 980516-05

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

DATE: 06/10/98
PAGE: 1

Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach,CA 90815

Pace Project Number: 107485
Client Project ID: 980516-05

Attn: Mr.RichardVillafania
Phone: (562)498-9515

Pace Sample No.: 10645364
Client Sample ID: WT3-2

Date Collected: 05/15/98
Date Received: 05/19/98

Matrix: Water

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC – Semi-VOA									
Organochlorine PCBs	Method: EPA 8080					Prep Method: EPA 8080			
PCB-1016 (Arochlor 1016)	ND	ug/L	0.1	*	05/30/98	SAC	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/L	0.1	*	05/30/98	SAC	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/L	0.1	*	05/30/98	SAC	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/L	0.1	*	05/30/98	SAC	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/L	0.1	*	05/30/98	SAC	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/L	0.1	*	05/30/98	SAC	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/L	0.1	*	05/30/98	SAC	11096-82-5		U
Decachlorobiphenyl (S)	40	%		*	05/30/98	SAC	2051-24-3		
Tetrachloro-meta-xylene (S)	54	%		*	05/30/98	SAC	877-09-8		
Date Extracted	05/22/98			*		SAC			
Total EPA 8080	ND								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Minneapolis, MN 55414
Tel: 612-607-6400
Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107485
Client Project ID: 980516-05

Pace Sample No.: 10645364 Date Collected: 05/15/98 Matrix: Water
Client Sample ID: WT3-2 Date Received: 05/19/98

GC/MS -- VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/L	5	*	05/29/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/L	5	*	05/29/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/L	5	*	05/29/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/L	5	*	05/29/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/L	5	*	05/29/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/L	5	*	05/29/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/L	5	*	05/29/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/L	5	*	05/29/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/L	5	*	05/29/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/L	5	*	05/29/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/L	5	*	05/29/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/L	5	*	05/29/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/L	5	*	05/29/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/L	5	*	05/29/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/L	5	*	05/29/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/L	5	*	05/29/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/L	5	*	05/29/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/L	5	*	05/29/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/L	5	*	05/29/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/L	5	*	05/29/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/L	5	*	05/29/98	TAW	594-20-7		U
2-Butanone	ND	ug/L	10	*	05/29/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107485
Client Project ID: 980516-05

Pace Sample No.: 10645364 Date Collected: 05/15/98 Matrix: Water
Client Sample ID: WT3-2 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/L	10	*	05/29/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/L	5	*	05/29/98	TAW	95-49-8		U
2-Hexanone	ND	ug/L	10	*	05/29/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/L	100	*	05/29/98	TAW	75-65-0	1	U
4-Chlorotoluene	ND	ug/L	5	*	05/29/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/L	10	*	05/29/98	TAW	108-10-1		U
Acetone	ND	ug/L	10	*	05/29/98	TAW	67-64-1		U
Benzene	ND	ug/L	5	*	05/29/98	TAW	71-43-2		U
Bromobenzene	ND	ug/L	5	*	05/29/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/L	5	*	05/29/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/L	5	*	05/29/98	TAW	75-27-4		U
Bromoform	ND	ug/L	5	*	05/29/98	TAW	75-25-2		U
Bromomethane	ND	ug/L	5	*	05/29/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/L	5	*	05/29/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/L	5	*	05/29/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/L	5	*	05/29/98	TAW	108-90-7		U
Chloroethane	ND	ug/L	5	*	05/29/98	TAW	75-00-3		U
Chloroform	ND	ug/L	5	*	05/29/98	TAW	67-66-3		U
Chloromethane	ND	ug/L	5	*	05/29/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/L	5	*	05/29/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/L	5	*	05/29/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/L	5	*	05/29/98	TAW	124-48-1		U
Dibromomethane	ND	ug/L	5	*	05/29/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/L	5	*	05/29/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107485
Client Project ID: 980516-05

Pace Sample No.: 10645364 Date Collected: 05/15/98 Matrix: Water
Client Sample ID: WT3-2 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/L	500	*	05/29/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/L	5	*	05/29/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/L	5	*	05/29/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/L	5	*	05/29/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/L	50	*	05/29/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/L	5	*	05/29/98	TAW	98-82-8		U
Methyl-tert-butyl Ether	ND	ug/L	5	*	05/29/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/L	5	*	05/29/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/L	5	*	05/29/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/L	5	*	05/29/98	TAW	103-65-1		U
Naphthalene	ND	ug/L	5	*	05/29/98	TAW	91-20-3		U
p-Isopropyltoluene	ND	ug/L	5	*	05/29/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/L	5	*	05/29/98	TAW	135-98-8		U
Styrene	ND	ug/L	5	*	05/29/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/L	100	*	05/29/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/L	5	*	05/29/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/L	5	*	05/29/98	TAW	127-18-4		U
Toluene	ND	ug/L	5	*	05/29/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/L	5	*	05/29/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/L	5	*	05/29/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/L	5	*	05/29/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/L	5	*	05/29/98	TAW	75-69-4		U
Vinyl Acetate	ND	ug/L	10	*	05/29/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/L	5	*	05/29/98	TAW	75-01-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612 607-6400
Fax: 612-607-6444

Pace Analytical

Pace Project Number: 107485
Client Project ID: 980516-05

Pace Sample No.: 10645364 Date Collected: 05/15/98 Matrix: Water
Client Sample ID: WT3-2 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Xylene (Total)	ND	ug/L	5	*	05/29/98	TAW	1330-20-7		U
1,2-Dichloroethane-d4 (S)	130	%		*	05/29/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	05/29/98	TAW	460-00-4		
Dibromofluoromethane (S)	108	%		*	05/29/98	TAW	1868-53-7		
Toluene-d8 (S)	100	%		*	05/29/98	TAW	2037-26-5		
Total EPA 8260	**ND**								

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107485
Client Project ID: 980516-05

Pace Sample No.: 10645364 Date Collected: 05/15/98 Matrix: Water
Client Sample ID: WT3-2 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/L	10	*	05/22/98	SAC	120-82-1		U
1,2-Dichlorobenzene	ND	ug/L	10	*	05/22/98	SAC	95-50-1		U
1,3-Dichlorobenzene	ND	ug/L	10	*	05/22/98	SAC	541-73-1		U
1,4-Dichlorobenzene	ND	ug/L	10	*	05/22/98	SAC	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/L	50	*	05/22/98	SAC	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/L	10	*	05/22/98	SAC	88-06-2		U
2,4-Dichlorophenol	ND	ug/L	10	*	05/22/98	SAC	120-83-2		U
2,4-Dimethylphenol	ND	ug/L	10	*	05/22/98	SAC	105-67-9		U
2,4-Dinitrophenol	ND	ug/L	50	*	05/22/98	SAC	51-28-5		U
2,4-Dinitrotoluene	ND	ug/L	10	*	05/22/98	SAC	121-14-2		U
2,6-Dinitrotoluene	ND	ug/L	10	*	05/22/98	SAC	606-20-2		U
2-Chloronaphthalene	ND	ug/L	10	*	05/22/98	SAC	91-58-7		U
2-Chlorophenol	ND	ug/L	10	*	05/22/98	SAC	95-57-8		U
2-Methylnaphthalene	ND	ug/L	10	*	05/22/98	SAC	91-57-6		U
2-Methylphenol	ND	ug/L	10	*	05/22/98	SAC	95-48-7		U
2-Nitroaniline	ND	ug/L	50	*	05/22/98	SAC	88-74-4		U
2-Nitrophenol	ND	ug/L	10	*	05/22/98	SAC	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/L	20	*	05/22/98	SAC	91-94-1		U
3-Nitroaniline	ND	ug/L	50	*	05/22/98	SAC	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/L	50	*	05/22/98	SAC	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/L	10	*	05/22/98	SAC	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/L	10	*	05/22/98	SAC	59-50-7		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107485
Client Project ID: 980516-05

Pace Sample No.: 10645364 Date Collected: 05/15/98 Matrix: Water
Client Sample ID: WT3-2 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
4-Chloroaniline	ND	ug/L	10	*	05/22/98	SAC	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/L	10	*	05/22/98	SAC	7005-72-3		U
4-Methylphenol	ND	ug/L	10	*	05/22/98	SAC	106-44-5		U
4-Nitroaniline	ND	ug/L	50	*	05/22/98	SAC	100-01-6		U
4-Nitrophenol	ND	ug/L	50	*	05/22/98	SAC	100-02-7		U
Acenaphthene	ND	ug/L	10	*	05/22/98	SAC	83-32-9		U
Acenaphthylene	ND	ug/L	10	*	05/22/98	SAC	208-96-8		U
Anthracene	ND	ug/L	10	*	05/22/98	SAC	120-12-7		U
Benzo(a)anthracene	ND	ug/L	10	*	05/22/98	SAC	56-55-3		U
Benzo(a)pyrene	ND	ug/L	10	*	05/22/98	SAC	50-32-8		U
Benzo(b)fluoranthene	ND	ug/L	10	*	05/22/98	SAC	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/L	10	*	05/22/98	SAC	191-24-2		U
Benzo(k)fluoranthene	ND	ug/L	10	*	05/22/98	SAC	207-08-9		U
Benzoic Acid	ND	ug/L	50	*	05/22/98	SAC	65-85-0		U
Benzyl Alcohol	ND	ug/L	10	*	05/22/98	SAC	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/L	10	*	05/22/98	SAC	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/L	10	*	05/22/98	SAC	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/L	10	*	05/22/98	SAC	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/L	10	*	05/22/98	SAC	117-81-7		U
Butylbenzylphthalate	ND	ug/L	10	*	05/22/98	SAC	85-68-7		U
Chrysene	ND	ug/L	10	*	05/22/98	SAC	218-01-9		U
Di-n-butylphthalate	ND	ug/L	10	*	05/22/98	SAC	84-74-2		U
Di-n-octylphthalate	ND	ug/L	10	*	05/22/98	SAC	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/L	10	*	05/22/98	SAC	53-70-3		U

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Pace Project Number: 107485
Client Project ID: 980516-05

Pace Sample No.: 10645364 Date Collected: 05/15/98 Matrix: Water
Client Sample ID: WT3-2 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Dibenzofuran	ND	ug/L	10	*	05/22/98	SAC	132-64-9		U
Diethylphthalate	ND	ug/L	10	*	05/22/98	SAC	84-66-2		U
Dimethylphthalate	ND	ug/L	10	*	05/22/98	SAC	131-11-3		U
Fluoranthene	ND	ug/L	10	*	05/22/98	SAC	206-44-0		U
Fluorene	ND	ug/L	10	*	05/22/98	SAC	86-73-7		U
Hexachlorobenzene	ND	ug/L	10	*	05/22/98	SAC	118-74-1		U
Hexachlorobutadiene	ND	ug/L	10	*	05/22/98	SAC	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/L	10	*	05/22/98	SAC	77-47-4		U
Hexachloroethane	ND	ug/L	10	*	05/22/98	SAC	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	*	05/22/98	SAC	193-39-5		U
Isophorone	ND	ug/L	10	*	05/22/98	SAC	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/L	10	*	05/22/98	SAC	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/L	10	*	05/22/98	SAC	86-30-6		U
Naphthalene	ND	ug/L	10	*	05/22/98	SAC	91-20-3		U
Nitrobenzene	ND	ug/L	10	*	05/22/98	SAC	98-95-3		U
Pentachlorophenol	ND	ug/L	50	*	05/22/98	SAC	87-86-5		U
Phenanthrene	ND	ug/L	10	*	05/22/98	SAC	85-01-8		U
Phenol	ND	ug/L	10	*	05/22/98	SAC	108-95-2		U
Pyrene	ND	ug/L	10	*	05/22/98	SAC	129-00-0		U
2,4,6-Tribromophenol (S)	89	%		*	05/22/98	SAC	118-79-6		
2-Fluorobiphenyl (S)	94	%		*	05/22/98	SAC	321-60-8		
2-Fluorophenol (S)	33	%		*	05/22/98	SAC	367-12-4		
Nitrobenzene-d5 (S)	78	%		*	05/22/98	SAC	4165-60-0		
Phenol-d6 (S)	67	%		*	05/22/98	SAC	13127-88-3		

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Pace Analytical

Pace Project Number: 107485
Client Project ID: 980516-05

Pace Sample No.: 10645364 Date Collected: 05/15/98 Matrix: Water
Client Sample ID: WT3-2 Date Received: 05/19/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Terphenyl-d14 (S)	79	%		*	05/22/98	SAC	1718-51-0		
Date Extracted	05/20/98			*		SAC			
Total EPA 8270	**ND**								

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Pace Analytical

Pace Project Number: 107485
Client Project ID: 980516-05

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	

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Pace Analytical Services, Inc
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Long Beach, CA 90815
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Fax: 562 597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980514-02
PACE ANALYTICAL WO #: 13221A
Client ID #: 8G001 SFW

Date: 6/12/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/13/98 and received on 05/13/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TPH-Speciation (Water)	2-3
MTBE/BTEX (Water)	4-5
CCR Metals (Water)	6-7
List of Abbreviations and Definitions	8

In addition the analysis for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

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Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Analyst: RG
Preparation Analyst: RG

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/L	PRL mg/L	DF
Client ID:	Analysis Date			
Method Blank	05/28/98	<0.5	0.5	1
WT10-1	05/28/98	<0.5	0.5	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:9805114-02
PACE ANALYTICAL WO#:13221A
Client ID#:8G001 SFW

QUALITY CONTROL/QUALITY ASSURANCE REPORT

Analyst: RG
Preparation Analyst: RG

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis date:	05/28/98		05/28/98	05/28/98			
TPH-Speciation	85	80-120	89	93	70-130	4.4	0-30

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Tel: 562 498-9515
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Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BY EPA METHOD 8020

Client ID:	WT10-1	Method Blank	PRL
Units:	µg/L	µg/L	µg/L
Analysis Date:	05/15/98	05/15/98	
Analyte			
Benzene	<0.3	<0.3	0.3
Toluene	<0.3	<0.3	0.3
Ethylbenzene	<0.3	<0.3	0.3
Total Xylenes	<0.6	<0.6	0.6
Methyl-t-butyl ether	<0.6	<0.6	0.6
DF	1	1	
Surrogate Recovery %:			Acceptable Range:
a,a,a-Trifluorotoluene	101	99	62-131

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BY EPA METHOD 8020

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/15/98		05/15/98	05/15/98			
Analyte							
Benzene	98	81-117	95	92	61-127	3.2	0-21
Toluene	103	76-110	100	95	62-120	5.1	0-16
Ethylbenzene	104	74-115	99	98	63-125	1.0	0-20
Total Xylenes	106	85-117	102	98	68-125	4.0	0-21
Methyl-t-butyl ether	96	70-130	108	97	50-150	1.1	0-25

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Pace Analytical

PACE ANALYTICAL Project# 980514-02
PACE ANALYTICAL WO#:13221A
Client ID#:0G001 SFW

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	WT10-1	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	
Date Analyzed:	05/12/98	05/12/98		
Analyte				
Antimony (Sb)	<0.1	<0.1	0.1	6010
Arsenic (As)	<0.1	<0.1	0.1	6010
Barium (Ba)	<0.2	<0.2	0.2	6010
Beryllium (Be)	<0.01	<0.01	0.01	6010
Cadmium (Cd)	<0.01	<0.01	0.01	6010
Chromium (Cr)	<0.01	<0.01	0.01	6010
Cobalt (Co)	<0.02	<0.02	0.02	6010
Copper (Cu)	<0.05	<0.05	0.05	6010
Lead (Pb)	<0.02	<0.02	0.02	6010
Mercury (Hg)*	<0.2	<0.2	0.2	7471
Molybdenum (Mo)	<0.05	<0.05	0.05	6010
Nickel (Ni)	<0.01	<0.01	0.01	6010
Selenium (Se)	<0.05	<0.05	0.05	6010
Silver (Ag)	<0.01	<0.01	0.01	6010
Thallium (Tl)	<0.1	<0.1	0.1	6010
Vanadium (V)	<0.01	<0.01	0.01	6010
Zinc (Zn)	<0.2	<0.2	0.2	6010
DF	1	1		

*Analyzed on 06/11/98

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Pace Analytical

PACE ANALYTICAL Project#:980514-02
PACE ANALYTICAL WO#:13221A
Client ID#:BG001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		ICV	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		05/21/98		05/21/98	05/21/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	99	70-130	101	100	70-130	1.0	0-25
Arsenic (As)	6010	102	70-130	104	104	79-118	0.0	0-9
Barium (Ba)	6010	98	70-130	99	98	76-114	1.0	0-9
Beryllium (Be)	6010	99	70-130	98	97	70-130	1.0	0-25
Cadmium (Cd)	6010	97	70-130	100	99	78-108	1.0	0-9
Chromium (Cr)	6010	98	70-130	99	98	75-108	1.0	0-9
Cobalt (Co)	6010	98	70-130	97	96	70-130	1.0	0-25
Copper (Cu)	6010	98	70-130	100	100	70-130	0.0	0-25
Lead (Pb)	6010	98	70-130	100	99	74-106	1.0	0-9
Mercury (Hg)*	7471	106	70-130	97	93	80-122	4.0	0-10
Molybdenum (Mo)	6010	99	70-130	99	99	70-130	0.0	0-25
Nickel (Ni)	6010	98	70-130	97	96	70-130	1.0	0-25
Selenium (Se)	6010	99	70-130	107	107	77-120	0.0	0-10
Silver (Ag)	6010	99	70-130	96	95	69-110	1.0	0-8
Thallium (Tl)	6010	97	70-130	104	103	70-130	1.0	0-25
Vanadium (V)	6010	99	70-130	100	99	70-130	1.0	0-25
Zinc (Zn)	6010	97	70-130	98	97	70-130	1.0	0-25

*Analyzed on 06/11/98

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

13221A
980514-02

423345

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE. HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 786-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
Sampled By (PRINT): SCOTT BOWERS	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5-28-98
Sampler Signature:	Date Sampled: 5/13/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	6020	6260	6270	6080	CAM 17	REMARKS
1	WT10-1	0900	H_2O		13	4			9		X	X	X	X	X	X	
2																	
3																	
4																	
5																	
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible] PSI	5/13/98	1700	CA Courier LT	5/13/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

June 2, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107425
Client Project ID: 980514-02

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107425
Client Project ID: Caltrans 980514-02

Pace Sample No.: 10640209
Client Sample ID: WT10-1

Date Collected: 05/13/98
Date Received: 05/15/98

Matrix: Water

GC/MS -- VOA

Volatile Organics — Method: EPA 8260 — Prep Method: EPA 8260

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
1,1,1,2-Tetrachloroethane	ND	ug/L	5	*	05/27/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/L	5	*	05/27/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/L	5	*	05/27/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/L	5	*	05/27/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/L	5	*	05/27/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/L	5	*	05/27/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/L	5	*	05/27/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/L	5	*	05/27/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/L	5	*	05/27/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/L	5	*	05/27/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/L	5	*	05/27/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/L	5	*	05/27/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/L	5	*	05/27/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/L	5	*	05/27/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/L	5	*	05/27/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/L	5	*	05/27/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/L	5	*	05/27/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/L	5	*	05/27/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/L	5	*	05/27/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/L	5	*	05/27/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/L	5	*	05/27/98	TAW	594-20-7		U
2-Butanone	ND	ug/L	10	*	05/27/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-6400
Fax: 612-607-6444

Pace Project Number: 107425
Client Project ID: Caltrans 980514-02

Pace Sample No.: 10640209
Client Sample ID: WT10-1

Date Collected: 05/13/98
Date Received: 05/15/98

Matrix: Water

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/L	10	*	05/27/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/L	5	*	05/27/98	TAW	95-49-8		U
2-Hexanone	ND	ug/L	10	*	05/27/98	TAW	591-78-6		U
2-Methyl-2-propanol	ND	ug/L	100	*	05/27/98	TAW	75-65-0		U
4-Chlorotoluene	ND	ug/L	5	*	05/27/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/L	10	*	05/27/98	TAW	108-10-1		U
Acetone	1.5	ug/L	10	*	05/27/98	TAW	67-64-1	2	B
Benzene	ND	ug/L	5	*	05/27/98	TAW	71-43-2		U
Bromobenzene	ND	ug/L	5	*	05/27/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/L	5	*	05/27/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/L	5	*	05/27/98	TAW	75-27-4		U
Bromoform	ND	ug/L	5	*	05/27/98	TAW	75-25-2		U
Bromomethane	ND	ug/L	5	*	05/27/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/L	5	*	05/27/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/L	5	*	05/27/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/L	5	*	05/27/98	TAW	108-90-7		U
Chloroethane	ND	ug/L	5	*	05/27/98	TAW	75-00-3		U
Chloroform	ND	ug/L	5	*	05/27/98	TAW	67-66-3		U
Chloromethane	ND	ug/L	5	*	05/27/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/L	5	*	05/27/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/L	5	*	05/27/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/L	5	*	05/27/98	TAW	124-48-1		U
Dibromomethane	ND	ug/L	5	*	05/27/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/L	5	*	05/27/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617 6444

Pace Project Number: 107425
Client Project ID: Caltrans 980514-02

Pace Sample No.: 10640209 Date Collected: 05/13/98 Matrix: Water
Client Sample ID: WT10-1 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/L	500	*	05/27/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/L	5	*	05/27/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/L	5	*	05/27/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/L	5	*	05/27/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/L	50	*	05/27/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/L	5	*	05/27/98	TAW	98-82-8		U
Methyl-tert-butyl Ether	ND	ug/L	5	*	05/27/98	TAW	1634-04-4		U
Methylene Chloride	ND	ug/L	5	*	05/27/98	TAW	75-09-2	1	U
n-Butylbenzene	ND	ug/L	5	*	05/27/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/L	5	*	05/27/98	TAW	103-65-1		U
Naphthalene	ND	ug/L	5	*	05/27/98	TAW	91-20-3		U
p-Isopropyltoluene	ND	ug/L	5	*	05/27/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/L	5	*	05/27/98	TAW	135-98-8		U
Styrene	ND	ug/L	5	*	05/27/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/L	100	*	05/27/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/L	5	*	05/27/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/L	5	*	05/27/98	TAW	127-18-4		U
Toluene	ND	ug/L	5	*	05/27/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/L	5	*	05/27/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/L	5	*	05/27/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/L	5	*	05/27/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/L	5	*	05/27/98	TAW	75-69-4		U
Vinyl Acetate	ND	ug/L	10	*	05/27/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/L	5	*	05/27/98	TAW	75-01-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107425
Client Project ID: Caltrans 980514-02

Pace Sample No.: 10640209
Client Sample ID: WT10-1

Date Collected: 05/13/98
Date Received: 05/15/98

Matrix: Water

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Xylene (Total)	ND	ug/L	5	*	05/27/98	TAW	1330-20-7		U
1,2-Dichloroethane-d4 (S)	116	%		*	05/27/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	98	%		*	05/27/98	TAW	460-00-4		
Dibromofluoromethane (S)	100	%		*	05/27/98	TAW	1868-53-7		
Toluene-d8 (S)	100	%		*	05/27/98	TAW	2037-26-5		

Total EPA 8260 **1.5**

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107425
Client Project ID: Caltrans 980514-

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Common laboratory contaminant.
[2]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).

* Indicates MDL not available, a surogate compound, or for Arechlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Analytical Services, Inc.
9608 Loirel Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

May 28, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021702
Client Project ID: 980514-02

Dear :

Enclosed are the results of analyses for sample(s) received on May 15, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021702
Client Project ID: 980514-02

Attn: PROJECT MANAGER
Phone: (562)498-9515

Pace Sample No.: 601877723 Date Collected: 05/13/98 Matrix: Water
Client Sample ID: WT10-1 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Organics									
SVOC	Method: EPA 8082					Prep Method: EPA 8082			
PCB-1016 (Arochlor 1016)	ND	ug/L	1.1		05/18/98	AFT	12674-11-2		U
PCB-1221 (Arochlor 1221)	ND	ug/L	1.1		05/18/98	AFT	11104-28-2		U
PCB-1232 (Arochlor 1232)	ND	ug/L	1.1		05/18/98	AFT	11141-16-5		U
PCB-1242 (Arochlor 1242)	ND	ug/L	1.1		05/18/98	AFT	53469-21-9		U
PCB-1248 (Arochlor 1248)	ND	ug/L	1.1		05/18/98	AFT	12672-29-6		U
PCB-1254 (Arochlor 1254)	ND	ug/L	1.1		05/18/98	AFT	11097-69-1		U
PCB-1260 (Arochlor 1260)	ND	ug/L	1.1		05/18/98	AFT	11096-82-5		U
Decachlorobiphenyl (S)	52	%			05/18/98	AFT	2051-24-3		
Tetrachloro-meta-xylene (S)	77	%			05/18/98	AFT	877-09-8		
Date Extracted	05/18/98					AFT			
Total EPA 8082	ND								

Pace Project Number: 6021702
Client Project ID: 980514-02

Pace Sample No.: 601877723 Date Collected: 05/13/98 Matrix: Water
Client Sample ID: WT10-1 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Semivolatile Organics									
GC/MS - - Semi-VOA	Method: EPA 8270					Prep Method: EPA 8270			
1,2,4-Trichlorobenzene	ND	ug/L	10	1.64	05/23/98	WAW	120-82-1		U
1,2-Dichlorobenzene	ND	ug/L	10	1.26	05/23/98	WAW	95-50-1		U
1,3-Dichlorobenzene	ND	ug/L	10	1.33	05/23/98	WAW	541-73-1		U
1,4-Dichlorobenzene	ND	ug/L	10	1.35	05/23/98	WAW	106-46-7		U
2,4,5-Trichlorophenol	ND	ug/L	50	1.9	05/23/98	WAW	95-95-4		U
2,4,6-Trichlorophenol	ND	ug/L	10	1.49	05/23/98	WAW	88-06-2		U
2,4-Dichlorophenol	ND	ug/L	10	1.91	05/23/98	WAW	120-83-2		U
2,4-Dimethylphenol	ND	ug/L	10	2.78	05/23/98	WAW	105-67-9		U
2,4-Dinitrophenol	ND	ug/L	50	1.02	05/23/98	WAW	51-28-5		U
2,4-Dinitrotoluene	ND	ug/L	10	1.9	05/23/98	WAW	121-14-2		U
2,6-Dinitrotoluene	ND	ug/L	10	2.42	05/23/98	WAW	606-20-2		U
2-Chloronaphthalene	ND	ug/L	10	1.63	05/23/98	WAW	91-58-7		U
2-Chlorophenol	ND	ug/L	10	1.39	05/23/98	WAW	95-57-8		U
2-Methylnaphthalene	ND	ug/L	10	1.3	05/23/98	WAW	91-57-6		U
2-Methylphenol	ND	ug/L	10	1.3	05/23/98	WAW	95-48-7		U
2-Nitroaniline	ND	ug/L	50	2.24	05/23/98	WAW	88-74-4		U
2-Nitrophenol	ND	ug/L	10	1.48	05/23/98	WAW	88-75-5		U
3,3'-Dichlorobenzidine	ND	ug/L	20	5.97	05/23/98	WAW	91-94-1		U
3-Nitroaniline	ND	ug/L	50	2.09	05/23/98	WAW	99-09-2		U
4,6-Dinitro-2-methylphenol	ND	ug/L	50	3.74	05/23/98	WAW	534-52-1		U
4-Bromophenyl-phenylether	ND	ug/L	10	2.1	05/23/98	WAW	101-55-3		U
4-Chloro-3-methylphenol	ND	ug/L	20	1.66	05/23/98	WAW	59-50-7		U
4-Chloroaniline	ND	ug/L	20	2.39	05/23/98	WAW	106-47-8		U
4-Chlorophenyl-phenylether	ND	ug/L	10	2.13	05/23/98	WAW	7005-72-3		U
4-Methylphenol	ND	ug/L	10	1.48	05/23/98	WAW	106-44-5		U
4-Nitroaniline	ND	ug/L	50	1.43	05/23/98	WAW	100-01-6		U
4-Nitrophenol	ND	ug/L	50	3.41	05/23/98	WAW	100-02-7		U
Acenaphthene	ND	ug/L	10	1.9	05/23/98	WAW	83-32-9		U
Acenaphthylene	ND	ug/L	10	1.68	05/23/98	WAW	208-96-8		U
Anthracene	ND	ug/L	10	1.7	05/23/98	WAW	120-12-7		U

Pace Project Number: 6021702
Client Project ID: 980514-02

Pace Sample No.: 601877723 Date Collected: 05/13/98 Matrix: Water
Client Sample ID: WT10-1 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Benzo(a)anthracene	ND	ug/L	10	0.91	05/23/98	WAW	56-55-3		U
Benzo(a)pyrene	ND	ug/L	10	0.8	05/23/98	WAW	50-32-8		U
Benzo(b)fluoranthene	ND	ug/L	10	0.87	05/23/98	WAW	205-99-2		U
Benzo(g,h,i)perylene	ND	ug/L	10	0.58	05/23/98	WAW	191-24-2		U
Benzo(k)fluoranthene	ND	ug/L	10	1.17	05/23/98	WAW	207-08-9		U
Benzoic Acid	ND	ug/L	50	0.96	05/23/98	WAW	65-85-0		U
Benzyl Alcohol	ND	ug/L	20	4.72	05/23/98	WAW	100-51-6		U
bis(2-Chloroethoxy)methane	ND	ug/L	10	1.49	05/23/98	WAW	111-91-1		U
bis(2-Chloroethyl)ether	ND	ug/L	10	2.07	05/23/98	WAW	111-44-4		U
bis(2-Chloroisopropyl)ether	ND	ug/L	10	1.31	05/23/98	WAW	39638-32-9		U
bis(2-Ethylhexyl)phthalate	ND	ug/L	10	8.94	05/23/98	WAW	117-81-7		U
Butylbenzylphthalate	ND	ug/L	10	0.79	05/23/98	WAW	85-68-7		U
Chrysene	ND	ug/L	10	0.62	05/23/98	WAW	218-01-9		U
Di-n-butylphthalate	ND	ug/L	10	1.44	05/23/98	WAW	84-74-2		U
Di-n-octylphthalate	ND	ug/L	10	0.76	05/23/98	WAW	117-84-0		U
Dibenz(a,h)anthracene	ND	ug/L	10	0.7	05/23/98	WAW	53-70-3		U
Dibenzofuran	ND	ug/L	10	2.39	05/23/98	WAW	132-64-9		U
Diethylphthalate	ND	ug/L	10	2.22	05/23/98	WAW	84-66-2		U
Dimethylphthalate	ND	ug/L	10	2.29	05/23/98	WAW	131-11-3		U
Fluoranthene	ND	ug/L	10	0.98	05/23/98	WAW	206-44-0		U
Fluorene	ND	ug/L	10	2.24	05/23/98	WAW	86-73-7		U
Hexachlorobenzene	ND	ug/L	10	1.92	05/23/98	WAW	118-74-1		U
Hexachlorobutadiene	ND	ug/L	10	3.04	05/23/98	WAW	87-68-3		U
Hexachlorocyclopentadiene	ND	ug/L	10	0.72	05/23/98	WAW	77 47-4		U
Hexachloroethane	ND	ug/L	10	1.6	05/23/98	WAW	67-72-1		U
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	0.64	05/23/98	WAW	193-39-5		U
Isophorone	ND	ug/L	10	1.32	05/23/98	WAW	78-59-1		U
N-Nitroso-di-n-propylamine	ND	ug/L	10	5.02	05/23/98	WAW	621-64-7		U
N-Nitrosodiphenylamine	ND	ug/L	10	2.57	05/23/98	WAW	86-30-6		U
Naphthalene	ND	ug/L	10	1.35	05/23/98	WAW	91-20-3		U
Nitrobenzene	ND	ug/L	10	1.34	05/23/98	WAW	98-95-3		U
Pentachlorophenol	ND	ug/L	50	2.71	05/23/98	WAW	87-86-5		U

Pace Project Number: 6021702
Client Project ID: 980514-02

Pace Sample No : 601877723 Date Collected: 05/13/98 Matrix: Water
Client Sample ID: WT10-1 Date Received: 05/15/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
Phenanthrene	ND	ug/L	10	2.26	05/23/98	WAW	85-01-8		U
Phenol	ND	ug/L	10	1.18	05/23/98	WAW	108-95-2		U
Pyrene	ND	ug/L	10	0.85	05/23/98	WAW	129-00-0		U
2,4,6-Tribromophenol (S)	104	%			05/23/98	WAW	118-79-6		
2-Fluorobiphenyl (S)	85	%			05/23/98	WAW	321-60-8		
2-Fluorophenol (S)	109	%			05/23/98	WAW	367-12-4		
Nitrobenzene-d5 (S)	83	%			05/23/98	WAW	4165-60-0		
Phenol-d6 (S)	92	%			05/23/98	WAW	13127-88-3		
Terphenyl-d14 (S)	67	%			05/23/98	WAW	1718-51-0		
Date Extracted	05/19/98					WAW			
Total EPA 8270	**ND**								

Pace Project Number: 6021702
Client Project ID: 980514-02

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
(U)	Undetected

Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980520-06
PACE ANALYTICAL WO #: 13274A
Client ID #: 576-8G001

Date: 6/12/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/19/98 and received on 05/19/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TPH-Speciation (Water)	2-3
MTBE/BTEX (Water)	4-5
CCR Metals (Water)	6-7
List of Abbreviations and Definitions	8

In addition the analysis for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafana, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from those protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. CLAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
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Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980520-06
PACE ANALYTICAL WO#:13274A
Client ID#:575-BC001

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/L	PRL mg/L	DF
Client ID:	Analysis Date			
Method Blank	05/29/98	<0.5	0.5	1
WTNF8-2	05/29/98	<0.5	0.5	1
WTNF7-4	05/29/98	<0.5	0.5	1
WTNF6-2	05/29/98	<0.5	0.5	1

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Pace Analytical

PACE ANALYTICAL Project#:980020-08
PACE ANALYTICAL WO#:18274A
Client ID#:570-80001

QUALITY CONTROL/QUALITY ASSURANCE REPORT

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis date:	05/29/98		05/29/98	05/29/98			
TPH-Speciation	96	80-120	126	107	70-130	16	0-30

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Pace Analytical

PACE ANALYTICAL Project#:980520-06
PACE ANALYTICAL WO#:13274A
Client ID#:575-RG001

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID/FID
BY DOHS/LUFT METHOD/BTEX/MTBE BY EPA METHOD 8020

Client ID:	WTNF8-2	WTNF6-2	Method Blank	PRL
Units:	µg/L	µg/L	µg/L	µg/L
Analysis Date:	05/23/98	05/23/98	05/23/98	
Analyte				
Benzene	<0.3	130	<0.3	0.3
Toluene	<0.3	<0.3	<0.3	0.3
Ethylbenzene	<0.3	<0.3	<0.3	0.3
Total Xylenes	<0.6	<0.6	<0.6	0.6
Methyl-t-butyl ether	<0.6	<0.6	<0.6	0.6
DF	1	1	1	
Surrogate Recovery %:				Acceptable Range:
a,a,a-Trifluorotoluene	107	114	82	82-131

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Tel. 562 498-9515
Fax 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BY EPA METHOD 8020

	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	05/23/98		05/23/98	05/23/98			
Analyte							
Benzene	97	81-117	102	102	61-127	0.0	0-21
Toluene	101	79-110	106	107	62-120	0.9	0-16
Ethylbenzene	105	74-115	109	112	63-125	2.7	0-20
Total Xylenes	105	85-117	113	113	68-125	0.0	0-21
Methyl-t-butyl ether	102	70-130	110	111	50-150	0.9	0-25

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Long Beach, CA 90815

Tel: 562 498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980520-08
PACE ANALYTICAL WO#:13274A
Client ID#:575-8G001

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	WTNF8-2	WTNG7-4	WTNF6-2	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	
Date Analyzed:	05/21/98	05/21/98	05/21/98	05/21/98		
Analyte						
Antimony (Sb)	<0.1	<0.1	<0.1	<0.1	0.1	6010
Arsenic (As)	0.2	0.2	0.2	<0.1	0.1	6010
Barium (Ba)	<0.2	<0.2	<0.2	<0.2	0.2	6010
Beryllium (Be)	<0.01	<0.01	<0.01	<0.01	0.01	6010
Cadmium (Cd)	<0.01	<0.01	<0.01	<0.01	0.01	6010
Chromium (Cr)	<0.01	<0.01	<0.01	<0.01	0.01	6010
Cobalt (Co)	<0.02	<0.02	<0.02	<0.02	0.02	6010
Copper (Cu)	<0.05	<0.05	<0.05	<0.05	0.05	6010
Lead (Pb)	<0.02	<0.02	<0.02	<0.02	0.02	6010
Mercury (Hg)*	<0.0002	<0.0002	0.0074	<0.0002	0.0002	7471
Molybdenum (Mo)	<0.05	<0.05	<0.05	<0.05	0.05	6010
Nickel (Ni)	<0.01	<0.01	<0.01	<0.01	0.01	6010
Selenium (Se)	<0.05	<0.05	<0.05	<0.05	0.05	6010
Silver (Ag)	<0.01	<0.01	<0.01	<0.01	0.01	6010
Thallium (Tl)	<0.1	<0.1	<0.1	<0.1	0.1	6010
Vanadium (V)	<0.01	<0.01	<0.01	<0.01	0.01	6010
Zinc (Zn)	<0.2	<0.2	<0.2	<0.2	0.2	6010
DF	1	1	1	1		

*Analyzed on 06/11/98

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		ICV	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		05/21/98		05/21/98	05/21/98			
Analyte	EPA Method							
Antimony (Sb)	6010	99	70-130	101	100	70-130	1.0	0-25
Arsenic (As)	6010	102	70-130	104	104	79-118	0.0	0-9
Barium (Ba)	6010	98	70-130	99	98	76-114	1.0	0-9
Beryllium (Be)	6010	99	70-130	98	97	70-130	1.0	0-25
Cadmium (Cd)	6010	97	70-130	100	99	78-108	1.0	0-9
Chromium (Cr)	6010	98	70-130	99	98	75-108	1.0	0-9
Cobalt (Co)	6010	98	70-130	97	96	70-130	1.0	0-25
Copper (Cu)	6010	98	70-130	100	100	70-130	0.0	0-25
Lead (Pb)	6010	98	70-130	100	99	74-106	1.0	0-9
Mercury (Hg)*	7471	106	70-130	97	93	80-122	4.0	0-10
Molybdenum (Mo)	6010	99	70-130	99	99	70-130	0.0	0-25
Nickel (Ni)	6010	98	70-130	97	96	70-130	1.0	0-25
Selenium (Se)	6010	99	70-130	107	107	77-120	0.0	0-10
Silver (Ag)	6010	99	70-130	96	95	69-110	1.0	0-8
Thallium (Tl)	6010	97	70-130	104	103	70-130	1.0	0-25
Vanadium (V)	6010	99	70-130	100	99	70-130	1.0	0-25
Zinc (Zn)	6010	97	70-130	98	97	70-130	1.0	0-25

*Analyzed on 06/11/98

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3970 Gilman St.
Long Beach, CA 90815

Tel. 562-498-9515
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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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13274A
980520-06
423379
Page 1 of 1

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone	P.O. # / Billing Reference: 575-8600		Pace Project No.
	Project Name / No.: West Approach		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature] Date Sampled: 5/19/98

ITEM NO	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	CAM Metals	TPH-5	BTEX	8260	8270	8080	REMARKS
1	WTNF8-2	840	W								X	X	X	⊗	X	X	
2	WTNF7-4	1000	↓								X	X	⊗	X	X	X	
3	WTNF6-2	1330	↓								X	X	X	⊗	X	X	
4																	
5																	
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSI	5/19/98	1700		5/19/98	1700

Additional Comments

(X) - Cancelled due to broken vials during shipment. 5/21 RJ

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

May 29, 1998

PROJECT MANAGER
SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH, CA 90815

RE: Pace Project Number: 6021826
Client Project ID: 980520-06

Dear :

Enclosed are the results of analyses for sample(s) received on May 21, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DeWayne McAllister
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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SOUTHERN CALIFORNIA LABORATORY
PACE ANALYTICAL SERVICES
3970 GILMAN STREET
LONG BEACH,CA 90815

Pace Project Number: 6021826
Client Project ID: 980520-06

Pace Sample No.: 601887615 Date Collected: 05/19/98 Matrix: Water
Client Sample ID: WTNF7-4 Date Received: 05/21/98

GC/MS -- VOA

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/L	5		05/28/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/L	5		05/28/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/L	5		05/28/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/L	5		05/28/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/L	5		05/28/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/L	5		05/28/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/L	5		05/28/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/L	5		05/28/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/L	5		05/28/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/L	5		05/28/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/L	5		05/28/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/L	5		05/28/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/L	5		05/28/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/L	5		05/28/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/L	5		05/28/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/L	5		05/28/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/L	5		05/28/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/L	5		05/28/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/L	5		05/28/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/L	5		05/28/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/L	5		05/28/98	GPO	594-20-7		U
2-Butanone	ND	ug/L	10		05/28/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/L	5		05/28/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/L	5		05/28/98	GPO	95-49-8		U
2-Hexanone	ND	ug/L	10		05/28/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/L	5		05/28/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/L	10		05/28/98	GPO	108-10-1		U
Acetone	ND	ug/L	20		05/28/98	GPO	67-64-1		U
Benzene	24	ug/L	5		05/28/98	GPO	71-43-2		
Bromobenzene	ND	ug/L	5		05/28/98	GPO	108-86-1		U

Pace Project Number: 6021826
Client Project ID: 980520-06

Pace Sample No.: 601887615 Date Collected: 05/19/98 Matrix: Water
Client Sample ID: W1NH7-4 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/L	5		05/28/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/L	5		05/28/98	GPO	75-27-4		U
Bromoform	ND	ug/L	5		05/28/98	GPO	75-25-2		U
Bromomethane	ND	ug/L	5		05/28/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/L	5		05/28/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/L	5		05/28/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/L	5		05/28/98	GPO	108-90-7		U
Chloroethane	ND	ug/L	5		05/28/98	GPO	75-00-3		U
Chloroform	ND	ug/L	5		05/28/98	GPO	67-66-3		U
Chloromethane	ND	ug/L	5		05/28/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/L	5		05/28/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/L	5		05/28/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/L	5		05/28/98	GPO	124-48-1		U
Dibromomethane	ND	ug/L	5		05/28/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/L	5		05/28/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/L	5		05/28/98	GPO	108-20-3		U
Ethanol	ND	ug/L	500		05/28/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/L	5		05/28/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/L	5		05/28/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/L	5		05/28/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/L	5		05/28/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/L	5		05/28/98	GPO			U
Methyl-tert-butyl Ether	7.5	ug/L	5		05/28/98	GPO	1634-04-4		
Methylene Chloride	ND	ug/L	5		05/28/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/L	5		05/28/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/L	5		05/28/98	GPO	103-65-1		U
Naphthalene	ND	ug/L	5		05/28/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/L	5		05/28/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/L	5		05/28/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/L	5		05/28/98	GPO	135-98-8		U
Styrene	ND	ug/L	5		05/28/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/L	5		05/28/98	GPO	994-05-8		U

Pace Project Number: 6021826
Client Project ID: 980520-06

Pace Sample No.: 60186615 Date Collected: 05/19/98 Matrix: Water
Client Sample ID: WINF/-4 Date Received: 05/21/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual
tert-butyl Alcohol(TBA)	ND	ug/L	100		05/28/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/L	5		05/28/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/L	5		05/28/98	GPO	127-18-4		U
Toluene	ND	ug/L	5		05/28/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/L	5		05/28/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/L	5		05/28/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/L	5		05/28/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/L	5		05/28/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/L	10		05/28/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/L	5		05/28/98	GPO	75-01-4		U
4-Bromofluorobenzene (S)	88	%			05/28/98	GPO	460-00-4		
Dibromofluoromethane (S)	101	%			05/28/98	GPO	1868-53-7		
Toluene-d8 (S)	109	%			05/28/98	GPO	2037-26-5		

Total EPA 8260 31.5

Pace Project Number: 6021826
Client Project ID: 980520-06

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected

Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612 617-6444

June 8, 1998

Mr. Richard Villafania
Pace Analytical Long Beach
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107647
Client Project ID: 980520-06

Dear Mr. Villafania:

Enclosed are the results of analyses for samples received on May 11, 1998. This report includes a sum total of Volatile and Semivolatile detections. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

REPORT OF LABORATORY ANALYSIS

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Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 107647
Client Project ID: 980520-06

Pace Sample No.: 10658227 Date Collected: 05/19/98 Matrix: Water
Client Sample ID: WTNF8-2 Date Received: 05/29/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/L	5	*	06/02/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/L	5	*	06/02/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/L	5	*	06/02/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/L	5	*	06/02/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/L	5	*	06/02/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/L	5	*	06/02/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/L	5	*	06/02/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/L	5	*	06/02/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/L	5	*	06/02/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/L	5	*	06/02/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/L	5	*	06/02/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/L	5	*	06/02/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/L	5	*	06/02/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/L	5	*	06/02/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/L	5	*	06/02/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/L	5	*	06/02/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/L	5	*	06/02/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/L	5	*	06/02/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/L	5	*	06/02/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/L	5	*	06/02/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/L	5	*	06/02/98	TAW	594-20-7		U
2-Butanone	ND	ug/L	10	*	06/02/98	TAW	78-93-3		U

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107647
Client Project ID: 980520-06

Pace Sample No.: 10658227
Client Sample ID: WTNF8-2

Date Collected: 05/19/98
Date Received: 05/29/98

Matrix: Water

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/L	10	*	06/02/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/L	5	*	06/02/98	TAW	95-49-8		U
2-Hexanone	ND	ug/L	10	*	06/02/98	TAW	591-78-6		U
2-Methyl-2-propanol	trace	ug/L	100	*	06/02/98	TAW	75-65-0	1	J
4-Chlorotoluene	ND	ug/L	5	*	06/02/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/L	10	*	06/02/98	TAW	108-10-1		U
Acetone	ND	ug/L	10	*	06/02/98	TAW	67-64-1		U
Benzene	ND	ug/L	5	*	06/02/98	TAW	71-43-2		U
Bromobenzene	ND	ug/L	5	*	06/02/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/L	5	*	06/02/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/L	5	*	06/02/98	TAW	75-27-4		U
Bromoform	ND	ug/L	5	*	06/02/98	TAW	75-25-2		U
Bromomethane	ND	ug/L	5	*	06/02/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/L	5	*	06/02/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/L	5	*	06/02/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/L	5	*	06/02/98	TAW	108-90-7		U
Chloroethane	ND	ug/L	5	*	06/02/98	TAW	75-00-3		U
Chloroform	ND	ug/L	5	*	06/02/98	TAW	67-66-3		U
Chloromethane	ND	ug/L	5	*	06/02/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/L	5	*	06/02/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/L	5	*	06/02/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/L	5	*	06/02/98	TAW	124-48-1		U
Dibromomethane	ND	ug/L	5	*	06/02/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/L	5	*	06/02/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107647
Client Project ID: 980520-06

Pace Sample No.: 10658227
Client Sample ID: WTNF8-2

Date Collected: 05/19/98
Date Received: 05/29/98

Matrix: Water

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/L	500	*	06/02/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/L	5	*	06/02/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/L	5	*	06/02/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/L	5	*	06/02/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/L	50	*	06/02/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/L	5	*	06/02/98	TAW	98-82-8		U
Methyl-tert-butyl Ether	6.1	ug/L	5	*	06/02/98	TAW	1634-04-4		
Methylene Chloride	ND	ug/L	5	*	06/02/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/L	5	*	06/02/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/L	5	*	06/02/98	TAW	103-65-1		U
Naphthalene	ND	ug/L	5	*	06/02/98	TAW	91-20-3		U
p-Isopropyltoluene	ND	ug/L	5	*	06/02/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/L	5	*	06/02/98	TAW	135-98-8		U
Styrene	ND	ug/L	5	*	06/02/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/L	100	*	06/02/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/L	5	*	06/02/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/L	5	*	06/02/98	TAW	127-18-4		U
Toluene	ND	ug/L	5	*	06/02/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/L	5	*	06/02/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/L	5	*	06/02/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/L	5	*	06/02/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/L	5	*	06/02/98	TAW	75-69-4		U
Vinyl Acetate	ND	ug/L	10	*	06/02/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/L	5	*	06/02/98	TAW	75-01-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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DATE: 06/11/98
PAGE: 5

Pace Project Number: 107647
Client Project ID: 980520-06

Pace Sample No.: 10658227 Date Collected: 05/19/98 Matrix: Water
Client Sample ID: WTNF8-2 Date Received: 05/29/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Xylene (Total)	ND	ug/L	5	*	06/02/98	TAW	1330-20-7		U
1,2-Dichloroethane-d4 (S)	120	%		*	06/02/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	100	%		*	06/02/98	TAW	460-00-4		
Dibromofluoromethane (S)	102	%		*	06/02/98	TAW	1868-53-7		
Toluene-d8 (S)	98	%		*	06/02/98	TAW	2037-26-5		

Total EPA 8260 8.1

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Fax: 612-617-6444

Pace Project Number: 107647
Client Project ID: 980520-06

Pace Sample No.: 10658235 Date Collected: 05/19/98 Matrix: Water
Client Sample ID: WTNF6-2 Date Received: 05/29/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS – VOA									
Volatile Organics	Method: EPA 8260				Prep Method: EPA 8260				
1,1,1,2-Tetrachloroethane	ND	ug/L	5	*	06/01/98	TAW	630-20-6		U
1,1,1-Trichloroethane	ND	ug/L	5	*	06/01/98	TAW	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/L	5	*	06/01/98	TAW	79-34-5		U
1,1,2-Trichloroethane	ND	ug/L	5	*	06/01/98	TAW	79-00-5		U
1,1-Dichloroethane	ND	ug/L	5	*	06/01/98	TAW	75-34-3		U
1,1-Dichloroethene	ND	ug/L	5	*	06/01/98	TAW	75-35-4		U
1,1-Dichloropropene	ND	ug/L	5	*	06/01/98	TAW	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/L	5	*	06/01/98	TAW	87-61-6		U
1,2,3-Trichloropropane	ND	ug/L	5	*	06/01/98	TAW	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/L	5	*	06/01/98	TAW	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/L	5	*	06/01/98	TAW	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/L	5	*	06/01/98	TAW	96-12-8		U
1,2-Dibromoethane	ND	ug/L	5	*	06/01/98	TAW	106-93-4		U
1,2-Dichlorobenzene	ND	ug/L	5	*	06/01/98	TAW	95-50-1		U
1,2-Dichloroethane	ND	ug/L	5	*	06/01/98	TAW	107-06-2		U
1,2-Dichloropropane	ND	ug/L	5	*	06/01/98	TAW	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/L	5	*	06/01/98	TAW	108-67-8		U
1,3-Dichlorobenzene	ND	ug/L	5	*	06/01/98	TAW	541-73-1		U
1,3-Dichloropropane	ND	ug/L	5	*	06/01/98	TAW	142-28-9		U
1,4-Dichlorobenzene	ND	ug/L	5	*	06/01/98	TAW	106-46-7		U
2,2-Dichloropropane	ND	ug/L	5	*	06/01/98	TAW	594-20-7		U
2-Butanone	ND	ug/L	10	*	06/01/98	TAW	78-93-3		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Project Number: 107647
Client Project ID: 980520-06

Pace Sample No.: 10658235
Client Sample ID: WTNF6-2
Date Collected: 05/19/98
Date Received: 05/29/98
Matrix: Water

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
2-Chloroethyl Vinyl Ether	ND	ug/L	10	*	06/01/98	TAW	110-75-8		U
2-Chlorotoluene	ND	ug/L	5	*	06/01/98	TAW	95-49-8		U
2-Hexanone	ND	ug/L	10	*	06/01/98	TAW	591-78-6		U
2-Methyl-2-propanol	trace	ug/L	100	*	06/01/98	TAW	75-65-0	1	J
4-Chlorotoluene	ND	ug/L	5	*	06/01/98	TAW	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/L	10	*	06/01/98	TAW	108-10-1		U
Acetone	ND	ug/L	10	*	06/01/98	TAW	67-64-1		U
Benzene	110	ug/L	5	*	06/01/98	TAW	71-43-2		
Bromobenzene	ND	ug/L	5	*	06/01/98	TAW	108-86-1		U
Bromochloromethane	ND	ug/L	5	*	06/01/98	TAW	74-97-5		U
Bromodichloromethane	ND	ug/L	5	*	06/01/98	TAW	75-27-4		U
Bromoform	ND	ug/L	5	*	06/01/98	TAW	75-25-2		U
Bromomethane	ND	ug/L	5	*	06/01/98	TAW	74-83-9		U
Carbon Disulfide	ND	ug/L	5	*	06/01/98	TAW	75-15-0		U
Carbon Tetrachloride	ND	ug/L	5	*	06/01/98	TAW	56-23-5		U
Chlorobenzene	ND	ug/L	5	*	06/01/98	TAW	108-90-7		U
Chloroethane	ND	ug/L	5	*	06/01/98	TAW	75-00-3		U
Chloroform	ND	ug/L	5	*	06/01/98	TAW	67-66-3		U
Chloromethane	ND	ug/L	5	*	06/01/98	TAW	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/L	5	*	06/01/98	TAW	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/L	5	*	06/01/98	TAW	10061-01-5		U
Dibromochloromethane	ND	ug/L	5	*	06/01/98	TAW	124-48-1		U
Dibromomethane	ND	ug/L	5	*	06/01/98	TAW	74-95-3		U
Dichlorodifluoromethane	ND	ug/L	5	*	06/01/98	TAW	75-71-8		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Tel: 612-607-6400
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Pace Project Number: 107647
Client Project ID: 980520-06

Pace Sample No.: 10659235
Client Sample ID: WTNF6-2

Date Collected: 05/19/98
Date Received: 05/29/98

Matrix: Water

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Ethanol	ND	ug/L	500	*	06/01/98	TAW	64-17-5		U
Ethyl-tert-butyl ether	ND	ug/L	5	*	06/01/98	TAW	637-92-3		U
Ethylbenzene	ND	ug/L	5	*	06/01/98	TAW	100-41-4		U
Hexachlorobutadiene	ND	ug/L	5	*	06/01/98	TAW	87-68-3		U
Isopropyl Ether	ND	ug/L	50	*	06/01/98	TAW	108-20-3		U
Isopropylbenzene (Cumene)	ND	ug/L	5	*	06/01/98	TAW	98-82-8		U
Methyl-tert-butyl Ether	95	ug/L	5	*	06/01/98	TAW	1634-04-4		
Methylene Chloride	ND	ug/L	5	*	06/01/98	TAW	75-09-2		U
n-Butylbenzene	ND	ug/L	5	*	06/01/98	TAW	104-51-8		U
n-Propylbenzene	ND	ug/L	5	*	06/01/98	TAW	103-65-1		U
Naphthalene	ND	ug/L	5	*	06/01/98	TAW	91-20-3		U
p-Isopropyltoluene	ND	ug/L	5	*	06/01/98	TAW	99-87-6		U
sec-Butylbenzene	ND	ug/L	5	*	06/01/98	TAW	135-98-8		U
Styrene	ND	ug/L	5	*	06/01/98	TAW	100-42-5		U
tert-Amylmethyl ether	ND	ug/L	100	*	06/01/98	TAW	994-05-8		U
tert-Butylbenzene	ND	ug/L	5	*	06/01/98	TAW	98-06-6		U
Tetrachloroethene	ND	ug/L	5	*	06/01/98	TAW	127-18-4		U
Toluene	ND	ug/L	5	*	06/01/98	TAW	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/L	5	*	06/01/98	TAW	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/L	5	*	06/01/98	TAW	10061-02-6		U
Trichloroethene	ND	ug/L	5	*	06/01/98	TAW	79-01-6		U
Trichlorofluoromethane	ND	ug/L	5	*	06/01/98	TAW	75-69-4		U
Vinyl Acetate	ND	ug/L	10	*	06/01/98	TAW	108-05-4		U
Vinyl Chloride	ND	ug/L	5	*	06/01/98	TAW	75-01-4		U

* Indicates MDL not available, a surrogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

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Pace Analytical

Pace Project Number: 107647
Client Project ID: 980520-06

Pace Sample No.: 10658235
Client Sample ID: WTNF6-2
Date Collected: 05/19/98
Date Received: 05/29/98
Matrix: Water

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Xylene (Total)	ND	ug/L	5	*	06/01/98	TAW	1330-20-7		U
1,2-Dichloroethane-d4 (S)	116	%		*	06/01/98	TAW	17060-07-0		
4-Bromofluorobenzene (S)	98	%		*	06/01/98	TAW	460-00-4		
Dibromofluoromethane (S)	100	%		*	06/01/98	TAW	1868-53-7		
Toluene-d8 (S)	98	%		*	06/01/98	TAW	2037-26-5		

Total EPA 8260 205

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 107647
Client Project ID: 980520-06

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[U]	Undetected
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

* Indicates MDL not available, a surogate compound, or for Arochlors 1221, 1232, 1242, 1248, 1254 similar response factors to 1016 and 1260 are recognized and applied.

REPORT OF LABORATORY ANALYSIS

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June 04, 1998

Mr. Richard Villafania
Data Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Data Project Number: 107674
Client Project ID: 980520-06

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on May 21, 1998. If you have any questions concerning this report, please feel free to contact us.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

DATE: 06/04/98
PAGE: 1

e Analytical Corp Reach SC
...50 Gilman Street
Seal Beach, CA 90815

Race Project Number: 137674
Client Project ID: 980520 06

...n: Mr. Richard Villalpando
Phone: (562)404 9515

...ed results are reported on a wet weight basis

Race Sample No: 10049141 Date Collected: 05/19/98 Matrix: Water
Client Sample ID: WTHPR-2 Date Received: 05/21/98

Parameter	Results	Units	PQL	Analyzed	Analyst	CASN	Footnotes
GC - Semi-VOA							
PCBs in Water, Low Level	Method: EPA 8080				Prep Method: EPA 3510		
PCB-1016 (Aroclor 1016)	ND	ug/L	0.1	06/02/98	SAC	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.1	06/02/98	SAC	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.1	06/02/98	SAC	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.1	06/02/98	SAC	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.1	06/02/98	SAC	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.1	06/02/98	SAC	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.1	06/02/98	SAC	11096-82-5	
Tetrachloro-meta-xylene (S)	92	%		06/02/98	SAC	877-09-8	
Decachlorobiphenyl (S)	78	%		06/02/98	SAC	2051-24-3	
Date Extracted				05/22/98			
GC/MS Semi VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3520		
Phenol	ND	ug/L	10	06/01/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/L	10	06/01/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/L	10	06/01/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/L	10	06/01/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10	06/01/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/L	10	06/01/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/L	10	06/01/98	SAC	95-50-1	
2-Methylphenol	ND	ug/L	10	06/01/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/L	10	06/01/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/L	10	06/01/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/L	10	06/01/98	SAC	621-64-7	
Hexachloroethane	ND	ug/L	10	06/01/98	SAC	67-72-1	

Pace Project Number: 10404
Client Project ID: 980520-06

Lab Sample No: 10404141
Client Sample ID: WTRM4-2

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Water

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
Nitrobenzene	ND	ug/L	10	06/01/98	SAC	98-95-3	
Isophorone	ND	ug/L	10	06/01/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/L	10	06/01/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/L	10	06/01/98	SAC	105-67-9	
Benzoic Acid	ND	ug/L	50	06/01/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/L	10	06/01/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/L	10	06/01/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/L	10	06/01/98	SAC	120-82-1	
Naphthalene	ND	ug/L	10	06/01/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/L	10	06/01/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/L	10	06/01/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/L	10	06/01/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/L	10	06/01/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/L	10	06/01/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/L	10	06/01/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/L	50	06/01/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/L	10	06/01/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/L	50	06/01/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/L	10	06/01/98	SAC	131-11-3	
Acenaphthylene	ND	ug/L	10	06/01/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/L	10	06/01/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/L	50	06/01/98	SAC	99-09-2	
Acenaphthene	ND	ug/L	10	06/01/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/L	50	06/01/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/L	50	06/01/98	SAC	100-02-7	
Dibenzofuran	ND	ug/L	10	06/01/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/L	10	06/01/98	SAC	121-14-2	
Diethylphthalate	ND	ug/L	10	06/01/98	SAC	84-66-2	
4-Chlorophenyl phenylether	ND	ug/L	10	06/01/98	SAC	7005-72-3	
Fluorene	ND	ug/L	10	06/01/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/L	50	06/01/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/L	50	06/01/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/L	10	06/01/98	SAC	86-30-6	
4-Bromophenyl phenylether	ND	ug/L	10	06/01/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/L	10	06/01/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/L	50	06/01/98	SAC	87-86-5	
Phenanthrene	ND	ug/L	10	06/01/98	SAC	85-01-8	
Anthracene	ND	ug/L	10	06/01/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/L	10	06/01/98	SAC	84-74-2	
Fluoranthene	ND	ug/L	10	06/01/98	SAC	206-44-0	

Para Project Number: 10674
Client Project ID: 980520 Gr

Lab Sample No: 10041104
Client Sample ID: WTNPS 3

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Water

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	References
Pyrene	ND	ug/L	10	06/01/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/L	10	06/01/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/L	20	06/01/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/L	10	06/01/98	SAC	56-55-3	
Chrysene	ND	ug/L	10	06/01/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/L	10	06/01/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/L	10	06/01/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/L	10	06/01/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	10	06/01/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/L	10	06/01/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	06/01/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/L	10	06/01/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/L	10	06/01/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	70	%		06/01/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	70	%		06/01/98	SAC	321-60-8	
Terphenyl-d14 (S)	120	%		06/01/98	SAC	1718-51-0	
Phenol-d6 (S)	76	%		06/01/98	SAC	13127-88-3	
2-Fluorophenol (S)	75	%		06/01/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	111	%		06/01/98	SAC	118-79-6	
Date Extracted				05/26/98			

Pace Project Number: 107674
Client Project ID: 980520 Gu

Lab Sample No: 1966250
Client Sample ID: MW97-4

Date Collected: 05/19/98
Date Received: 05/21/98

Matrix: Water

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC Semi-VOA							
PCBs in Water, Low Level		Method: EPA 8082				Prep Method: EPA 3510	
PCB-1016 (Aroclor 1016)	ND	ug/L	0.1	06/10/98	SAC	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.1	06/10/98	SAC	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.1	06/10/98	SAC	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.1	06/10/98	SAC	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.1	06/10/98	SAC	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.1	06/10/98	SAC	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.1	06/10/98	SAC	11096-82-5	
Tetrachloro-meta-xylene (S)	108	%		05/30/98	SAC	877-09-8	
Decachlorobiphenyl (S)	95	%		05/30/98	SAC	2051-24-3	
Date Extracted				05/22/98			
GC/MS Semi-VOA							
Semivolatile Organics		Method: EPA 8270				Prep Method: EPA 3520	
Phenol	ND	ug/L	10	06/01/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/L	10	06/01/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/L	10	06/01/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/L	10	06/01/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10	06/01/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/L	50	06/01/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/L	10	06/01/98	SAC	95-50-1	
2-Methylphenol	ND	ug/L	10	06/01/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/L	10	06/01/98	SAC	108-60-1	
4-Methylphenol	ND	ug/L	10	06/01/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/L	10	06/01/98	SAC	621-64-7	
Hexachloroethane	ND	ug/L	10	06/01/98	SAC	67-72-1	
Nitrobenzene	ND	ug/L	10	06/01/98	SAC	98-95-3	
Isophorone	ND	ug/L	10	06/01/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/L	10	06/01/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/L	10	06/01/98	SAC	105-67-9	
Benzoic Acid	ND	ug/L	50	06/01/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/L	10	06/01/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/L	10	06/01/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/L	10	06/01/98	SAC	120-82-1	
Naphthalene	ND	ug/L	10	06/01/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/L	10	06/01/98	SAC	106-47-8	

Base Project Number: 10674
Client Project ID: 9801230-06

Lab Sample No: 1064950
Client Sample ID: WTNEW-4

Date Collected: 05/29/98
Date Received: 05/31/98

Matrix: Water

Compound	Results	Units	PRL	Analyzed	Analyst	CAS #	Footnotes
Hexachlorobutadiene	ND	ug/L	10	06/01/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/L	10	06/01/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/L	10	06/01/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/L	10	06/01/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/L	10	06/01/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/L	50	06/01/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/L	10	06/01/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/L	50	06/01/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/L	10	06/01/98	SAC	131-11-3	
Acenaphthylene	ND	ug/L	10	06/01/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/L	10	06/01/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/L	50	06/01/98	SAC	99-09-2	
Acenaphthene	ND	ug/L	10	06/01/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/L	25	06/01/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/L	50	06/01/98	SAC	100-02-7	
Dibenzofuran	ND	ug/L	10	06/01/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/L	10	06/01/98	SAC	121-14-2	
Diethylphthalate	ND	ug/L	10	06/01/98	SAC	84-66-2	
4-Chlorophenyl phenylether	ND	ug/L	10	06/01/98	SAC	7005-72-3	
Fluorene	ND	ug/L	10	06/01/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/L	50	06/01/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/L	50	06/01/98	SAC	534-52-3	
N-Nitrosodiphenylamine	ND	ug/L	10	06/01/98	SAC	86-30-6	
4-Bromophenyl phenylether	ND	ug/L	10	06/01/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/L	10	06/01/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/L	50	06/01/98	SAC	87-86-5	
Phenanthrene	ND	ug/L	10	06/01/98	SAC	85-01-8	
Anthracene	ND	ug/L	10	06/01/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/L	10	06/01/98	SAC	84-74-2	
Fluoranthene	ND	ug/L	10	06/01/98	SAC	206-44-0	
Pyrene	ND	ug/L	10	06/01/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/L	10	06/01/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/L	20	06/01/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/L	10	06/01/98	SAC	56-55-3	
Chrysene	ND	ug/L	10	06/01/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/L	10	06/01/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/L	10	06/01/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/L	10	06/01/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	10	06/01/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/L	10	06/01/98	SAC	50-32-8	

Base Project Number: 107674
Client Project ID: 98-520 06

Lab Sample No: 10440150
Client Sample ID: WINF7-6

Date Collected: 05/20/98
Date Received: 05/21/98

Matrix: Water

Parameter	Result	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	06/01/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/L	10	06/01/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/L	10	06/01/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	76	%		06/01/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	70	%		06/01/98	SAC	321-60-8	
Terphenyl d14 (S)	116	%		06/01/98	SAC	1718-51-0	
Phenol d6 (S)	67	%		06/01/98	SAC	13127-88-3	
2-Fluorophenol (S)	68	%		06/01/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	106	%		06/01/98	SAC	118-79-6	
Date Extracted				05/26/98			

Page Project Number: 10764
Client Project ID: 980520.06

Lab Sample No: 10647168
Client Sample ID: WTSP06-2

Date Collected: 05/20/98
Date Received: 05/21/98
Matrix: Water

Parameter	Results	Units	RDL	Analyzed	Analyst	CAS#	Footnote(s)
GC - Semi-VOA							
PCB's in Water, Low Level		Method: EPA 8080				Prep Method: EPA 3510	
PCB 1016 (Aroclor 1016)	ND	ug/L	0.1	06/02/98	SAC	12674-11-2	
PCB 1221 (Aroclor 1221)	ND	ug/L	0.1	06/02/98	SAC	11104-28-2	
PCB 1232 (Aroclor 1232)	ND	ug/L	0.1	06/02/98	SAC	11141-16-5	
PCB 1242 (Aroclor 1242)	ND	ug/L	0.1	06/02/98	SAC	53469-21-9	
PCB 1248 (Aroclor 1248)	ND	ug/L	0.1	06/02/98	SAC	12672-29-6	
PCB 1254 (Aroclor 1254)	ND	ug/L	0.1	06/02/98	SAC	11097-69-1	
PCB 1260 (Aroclor 1260)	ND	ug/L	0.1	06/02/98	SAC	11096-82-5	
Tetrachloro-meta-xylene (S)	68	%		06/02/98	SAC	877-09-8	
Decachlorobiphenyl (S)	70	%		06/02/98	SAC	2051-24-3	
Date Extracted				05/29/98			
GC/MS - Semi-VOA							
Semivolatile Organics		Method: EPA 8270				Prep Method: EPA 3520	
Phenol	4.8	ug/L	10	06/01/98	SAC	108-95-2	
Bis(2-Chloroethyl)ether	ND	ug/L	10	06/01/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/L	10	06/01/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/L	10	06/01/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10	06/01/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/L	10	06/01/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/L	10	06/01/98	SAC	95-50-1	
2-Methylphenol	ND	ug/L	10	06/01/98	SAC	95-48-7	
Bis(2-Chloroisopropyl)ether	ND	ug/L	10	06/01/98	SAC	108-60-1	
4-Methylphenol	ND	ug/L	10	06/01/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/L	10	06/01/98	SAC	621-64-7	
Hexachloroethane	ND	ug/L	10	06/01/98	SAC	67-72-1	
Nitrobenzene	ND	ug/L	10	06/01/98	SAC	98-95-3	
Isophorone	ND	ug/L	10	06/01/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/L	10	06/01/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/L	10	06/01/98	SAC	105-67-9	
Benzoic Acid	ND	ug/L	50	06/01/98	SAC	65-85-0	
Bis(2-Chloroethoxy)methane	ND	ug/L	10	06/01/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/L	10	06/01/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/L	10	06/01/98	SAC	120-82-1	
Naphthalene	ND	ug/L	10	06/01/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/L	10	06/01/98	SAC	106-47-8	

Para Project Number: 180634
Client Project ID: 980520 Gr

Lab Sample No: 1864110B
Client Sample ID: MWNP6-3

Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: Water

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Hexachlorocyclopentadiene	ND	ug/L	10	06/01/98	SAC	77-47-4	
4-Chloro-3-methylphenol	ND	ug/L	10	06/01/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/L	10	06/01/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/L	10	06/01/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/L	10	06/01/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/L	50	06/01/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/L	10	06/01/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/L	50	06/01/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/L	10	06/01/98	SAC	131-11-3	
Acenaphthylene	ND	ug/L	10	06/01/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/L	10	06/01/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/L	50	06/01/98	SAC	99-09-2	
Acenaphthene	ND	ug/L	10	06/01/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/L	50	06/01/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/L	50	06/01/98	SAC	100-02-7	
Dibenzofuran	ND	ug/L	10	06/01/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/L	10	06/01/98	SAC	121-14-2	
Diethylphthalate	ND	ug/L	10	06/01/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/L	10	06/01/98	SAC	7005-72-3	
Fluorene	ND	ug/L	10	06/01/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/L	50	06/01/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/L	50	06/01/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/L	10	06/01/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/L	10	06/01/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/L	10	06/01/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/L	50	06/01/98	SAC	87-86-5	
Phenanthrene	ND	ug/L	10	06/01/98	SAC	85-01-8	
Anthracene	ND	ug/L	10	06/01/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/L	10	06/01/98	SAC	84-74-2	
Fluoranthene	ND	ug/L	10	06/01/98	SAC	206-44-0	
Pyrene	ND	ug/L	10	06/01/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/L	10	06/01/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/L	20	06/01/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/L	10	06/01/98	SAC	56-55-3	
Chrysene	ND	ug/L	10	06/01/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/L	10	06/01/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/L	10	06/01/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/L	10	06/01/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	10	06/01/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/L	10	06/01/98	SAC	50-32-8	

Base Project Number: 197674
Client Project ID: 990520 06

Lab Sample No: 1064916
Client Sample ID: MTNPC 2

Date Collected: 05/19/98
Date Received: 05/21/98
Matrix: WATER

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	06/01/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/L	10	06/01/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/L	10	06/01/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	79	%		06/01/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	76	%		06/01/98	SAC	321-60-8	
Terphenyl-d14 (S)	124	%		06/01/98	SAC	1718-51-0	
Phenol-d6 (S)	61	%		06/01/98	SAC	13127-88-3	
2-Fluorophenol (S)	65	%		06/01/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	99	%		06/01/98	SAC	118-79-6	
Date Extracted				05/26/98			

PACE Project Number: 10674
Client Project ID: 980520 GA

[PARAMETER FOOTNOTES]

ND Not Detected
* Not Calculable
RL Raised Reporting Limit
S Surrogate
[1] Detected but below the RDL; therefore, result is an estimated concentration (CLP J Flag)

QUALITY CONTROL DATA

DATE: 07/08/98
PAGE: 11

e Analytical Long Beach QC
...50 Golden Street
Long Beach, CA 9081...

Work Project Number: 107674
Client Project ID: 980520 da

...n: Mr. Richard Villafuerte
Phone: (562)498-9515

...Batch ID: 12794
...ysis Method: EPA 8080
Associated Raw Samples: 10649141

QC Batch Method: EPA 3510
Analysis Description: PCBs in Water, Low level
10649150 10649168

...ND) BLANK: 10650210
...ociated Raw Samples:

	10649141	10649150 Method Blank	10649168
Analytes	Units	Results	PQL
PCB-1016 (Aroclor 1016)	ug/L	ND	100
PCB-1221 (Aroclor 1221)	ug/L	ND	100
PCB-1232 (Aroclor 1232)	ug/L	ND	100
PCB-1242 (Aroclor 1242)	ug/L	ND	100
PCB-1248 (Aroclor 1248)	ug/L	ND	100
PCB-1254 (Aroclor 1254)	ug/L	ND	100
PCB-1260 (Aroclor 1260)	ug/L	ND	100
...achloro-meta xylene (S)	%	95	
...achlorobiphenyl (S)	%	74	

LABORATORY CONTROL SAMPLE & DUP: 10650224 10650232

Analytes	Units	Spike Conc.	LCS Results	Spike % Rec.	LCSD Results	Spike Dup % Rec.	RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	1.0	0.6668	66.7	0.7605	76.0	13	
PCB-1260 (Aroclor 1260)	ug/L	1.0	0.3224	32.2	0.7227	72.3	77	1
...achloro meta-xylene (S)				11		96		
...achlorobiphenyl (S)				16		96		

QUALITY CONTROL DATA

DATE: 04/04/98
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Mr Analytical Long Beach QC
40 Gilbert Street
Long Beach, CA 90813

Pace Project Number: 104176
Client Project ID: 980320 06

Att: Mr. Richard Villalobos
Phone: (562)498 9515

Batch ID: 12846
Analysis Method: EPA 8270
Associated Pace Samples: 10649143

QC Batch Method: EPA 3520
Analysis Description: Semivolatile Organics
10649150 10649168

PROD BLANK: 10651829
Associated Pace Samples:

	10649143	10649150	10649168
Parameter	Units	Method Blank Result	MRL	Footnotes
Phenol	ug/L	ND	10	
bis(2-Chloroethyl)ether	ug/L	ND	10	
2-Chlorophenol	ug/L	ND	10	
1,3-Dichlorobenzene	ug/L	ND	10	
1,4-Dichlorobenzene	ug/L	ND	10	
Benzyl Alcohol	ug/L	ND	10	
1,2-Dichlorobenzene	ug/L	ND	10	
2-Methylphenol	ug/L	ND	10	
bis(2-Chloroisopropyl)ether	ug/L	ND	10	
4-Methylphenol	ug/L	ND	10	
N-Nitroso-di-n-propylamine	ug/L	ND	10	
Hexachloroethane	ug/L	ND	10	
Nitrobenzene	ug/L	ND	10	
Isophorone	ug/L	ND	10	
2-Nitrophenol	ug/L	ND	10	
2,4-Dimethylphenol	ug/L	ND	10	
Benzoic Acid	ug/L	ND	50	
bis(2-Chloroethoxy)methane	ug/L	ND	10	
2,4-Dichlorophenol	ug/L	ND	10	
1,2,4-Trichlorobenzene	ug/L	ND	10	
Naphthalene	ug/L	ND	10	
4-Chloroaniline	ug/L	ND	10	
Hexachlorobutadiene	ug/L	ND	10	
4-Chloro-3-methylphenol	ug/L	ND	10	
2-Methylnaphthalene	ug/L	ND	10	

Page Project Number: 107624
Origin. Project ID: 960528-06

PROJ BLANK: 10649079

Associated Prep Samples:

	10649143	10649150	10649168	
Analyte	Units	Method Blank Result	RPT.	Footnotes
Hexachlorocyclopentadiene	ug/L	ND	10	
2,4,6-Trichlorophenol	ug/L	ND	10	
2,4,5-Trichlorophenol	ug/L	ND	50	
2-Chloronaphthalene	ug/L	ND	10	
2-Nitroaniline	ug/L	ND	50	
Dimethylphthalate	ug/L	ND	10	
Acenaphthylene	ug/L	ND	10	
2,6-Dinitrotoluene	ug/L	ND	10	
3-Nitroaniline	ug/L	ND	50	
Acenaphthene	ug/L	ND	10	
2,4-Dinitrophenol	ug/L	ND	50	
4-Nitrophenol	ug/L	ND	50	
Dibenzofuran	ug/L	ND	10	
2,4-Dinitrotoluene	ug/L	ND	10	
Diethylphthalate	ug/L	ND	10	
4-Chlorophenyl-phenylether	ug/L	ND	10	
Fluorene	ug/L	ND	10	
4-Nitroaniline	ug/L	ND	50	
4,6-Dinitro-2-methylphenol	ug/L	ND	50	
N-Nitrosodiphenylamine	ug/L	ND	10	
4-Bromophenyl-phenylether	ug/L	ND	10	
Hexachlorobenzene	ug/L	ND	10	
Pentachlorophenol	ug/L	ND	50	
Phenanthrene	ug/L	ND	10	
Anthracene	ug/L	ND	10	
Di-n-butylphthalate	ug/L	ND	10	
Fluoranthene	ug/L	ND	10	
Pyrene	ug/L	ND	10	
Butylbenzylphthalate	ug/L	ND	10	
3,3'-Dichlorobenzidine	ug/L	ND	20	
Benzo(a)anthracene	ug/L	ND	10	
Chrysene	ug/L	ND	10	
bis(2-Ethylhexyl)phthalate	ug/L	ND	10	
Di-n-octylphthalate	ug/L	ND	10	
Benzo(b)fluoranthene	ug/L	ND	10	
Benzo(k)fluoranthene	ug/L	ND	10	
Benzo(a)pyrene	ug/L	ND	10	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10	

METHOD BLANK: 1065079
Associated Lab Samples:

Parameter	Units	1064944 Method Blank Result	PQL	Footnotes
Benzo(a,h)anthracene	ug/L	ND	10	
Benzo(g,h,i)perylene	ug/L	ND	10	
Nitrobenzene-d5 (S)	%	71		
2-Fluorobiphenyl (S)	%	92		
Terphenyl-d14 (S)	%	110		
Phenol-d6 (S)	%	66		
2-Fluorophenol (S)	%	62		
2,4,6-Tribromophenol (S)	%	91		

LABORATORY CONTROL SAMPLE & LCSD: 1065080 1065081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	LCSD Result	LCSD % Rec	RPD	Footnotes
Phenol	ug/L	50	41.05	82.1	41.20	82.4	30	
bis(2-Chloroethyl)ether	ug/L	50	38.45	76.9	44.90	89.8	15	
2-Chlorophenol	ug/L	50	33.65	67.3	40.45	80.9	19	
1,3-Dichlorobenzene	ug/L	50	23.45	46.9	31.55	63.1	30	
1,4-Dichlorobenzene	ug/L	50	24.65	49.3	36.45	72.9	46	
Benzyl Alcohol	ug/L	50	22.90	45.8	30.75	61.5	29	
1,2-Dichlorobenzene	ug/L	50	25.50	51.0	34.25	68.5	29	
2-Methylphenol	ug/L	50	33.50	67.0	37.00	74.0	10	
bis(2-Chloroisopropyl)ether	ug/L	50	45.40	90.8	52.35	104.7	18	
4-Methylphenol	ug/L	50	29.45	58.9	34.55	69.1	16	
N-Nitroso-di-n-propylamine	ug/L	50	32.60	65.2	37.50	75.0	14	
Hexachloroethane	ug/L	50	18.60	37.2	28.05	56.1	41	
Isophorone	ug/L	50	42.50	85.0	50.15	100.3	20	
2-Nitrophenol	ug/L	50	34.50	69.0	39.85	79.7	14	
2,4-Dimethylphenol	ug/L	50	31.90	63.8	39.25	78.5	20	
Benzoic Acid	ug/L	100	58.80	58.8	64.05	64.1	9	
bis(2-Chloroethoxy)methane	ug/L	50	39.60	79.2	45.10	90.2	13	
2,4-Dichlorophenol	ug/L	50	36.90	73.8	44.15	88.3	18	
1,2,4-Trichlorobenzene	ug/L	50	28.25	56.5	37.00	74.0	27	
Naphthalene	ug/L	50	31.40	62.8	39.60	79.2	23	
4-Chloroaniline	ug/L	50	14.90	29.8	26.85	53.7	42	
Hexachlorobutadiene	ug/L	50	25.10	50.2	34.00	68.0	30	
4-Chloro-3-methylphenol	ug/L	50	31.45	62.9	37.05	74.1	16	

QUALITY CONTROL DATA

DATE: 04/04/08
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Work Project Number: 107674
Client Project ID: 0804520 06

LABORATORY CONTROL SAMPLE & LCSD: 1065087 1065088

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Qualifiers
Methylnaphthalene	ug/L	50	41.85	67.7	41.80	83.6	21	
Hexachlorocyclopentadiene	ug/L	100	7.950	7.95	6.850	6.85	15	J,J
2,4,6-Trichlorophenol	ug/L	50	50.90	61.8	54.80	69.6	12	
2,4,5-Trichlorophenol	ug/L	50	34.95	69.9	39.20	78.4	11	
Chloronaphthalene	ug/L	50	45.15	90.7	39.60	79.8	13	
Nitroaniline	ug/L	50	29.95	60.5	32.85	65.7	12	J,J
Methylphthalate	ug/L	50	36.85	74.7	42.15	84.7	14	
Acenaphthylene	ug/L	50	45.95	91.9	39.65	78.9	9	
2,6-Dinitrotoluene	ug/L	50	38.10	76.2	44.25	88.5	15	
Nitroaniline	ug/L	50	27.40	54.8	33.85	67.7	14	J,J
Acenaphthene	ug/L	50	38.65	77.3	42.95	85.9	10	
2,4-Dinitrophenol	ug/L	50	28.80	57.6	31.60	63.2	9	J,J
4-Nitrophenol	ug/L	50	27.25	54.5	30.95	61.9	13	J,J
Dibenzofuran	ug/L	50	35.90	71.8	38.50	77.0	7	
2,6-Dinitrotoluene	ug/L	50	36.00	72.0	40.65	81.3	12	
Methylphthalate	ug/L	50	35.20	70.4	39.65	79.3	12	
4-Chlorophenyl phenylether	ug/L	50	17.60	35.2	20.45	40.9	16	
Fluorene	ug/L	50	36.30	72.6	41.50	83.0	14	
4-Nitroaniline	ug/L	50	29.15	58.3	31.65	63.3	8	J,J
4,6-Dinitro-2-methylphenol	ug/L	50	34.40	68.8	36.40	72.8	6	J,J
N-Nitrosodiphenylamine	ug/L	50	37.75	75.5	42.05	84.1	11	
4-Bromophenyl phenylether	ug/L	50	47.30	94.6	51.00	102	21	
Hexachlorobenzene	ug/L	50	48.35	96.7	50.30	100	9	
Pentachlorophenol	ug/L	50	31.05	62.1	34.65	69.3	11	
Phenanthrene	ug/L	50	47.45	94.9	44.20	88.4	12	
Anthracene	ug/L	50	38.70	77.4	42.90	85.8	7	
Di-n-butylphthalate	ug/L	50	43.20	86.4	49.90	99.8	14	
Fluoranthene	ug/L	50	33.75	67.5	37.55	75.1	11	
Pyrene	ug/L	50	37.85	75.7	42.50	85.0	12	
Butylbenzylphthalate	ug/L	50	38.10	76.2	40.55	81.1	6	
3,3'-Dichlorobenzidine	ug/L	50	18.60	37.2	21.30	42.6	18	J
Benzo(a)anthracene	ug/L	50	34.75	69.5	38.70	77.4	11	
Chrysene	ug/L	50	34.45	68.9	43.30	86.7	17	
bis(2-Ethylhexyl)phthalate	ug/L	50	44.45	88.9	49.80	99.6	9	
Di-n-octylphthalate	ug/L	50	42.00	84.0	48.50	97.1	14	
Benzo(b)fluoranthene	ug/L	50	33.50	67.0	38.85	77.7	14	
Benzo(k)fluoranthene	ug/L	50	45.25	90.5	54.00	108	18	
Benzo(a)pyrene	ug/L	50	35.50	71.0	39.90	79.8	12	
Indeno(1,2,3-cd)pyrene	ug/L	50	33.65	67.3	36.35	72.7	8	
Dibenz(a,h)anthracene	ug/L	50	36.05	72.1	39.70	79.4	10	
Benzo(g,h,i)perylene	ug/L	50	35.80	71.6	39.55	79.1	10	

QUALITY CONTROL DATA

DATE: 06/04/98
PAGE: 14

Pace Project Number: 167670
Client Project ID: 980520 Pa

LABORATORY CONTROL SAMPLE & LCSD: 1065307 1065308

Parameters	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Max RPD
Acenaphthene-d8 (S)								
4-Fluorobiphenyl (S)				95		96		
Terphenyl-d14 (S)				72		78		
Phenol-d6 (S)				86		100		
2-Chlorophenol (S)				64		80		
2,4,6-Tribromophenol (S)				94		79		
				95		104		

Pace Project Number: 10674
Client Project ID: 980528 GE

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
NC	Not Calculable
PQL	Pace Reporting Limit
RPD	Relative Percent Difference
SD	Surrogate
*	Recovery outside of QC limits at 62 :11%.
J	Detected but below the PQL; therefore, result is an estimated concentration (CLP definition).

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS TBT
Site Location:

PACE ANALYTICAL Project #: 980816-05
PACE ANALYTICAL WO #: 13429A
Client ID #: 8G001 TBT

Date: 7/7/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/15/98 and received on 06/16/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TPH Speciation (Soil)	2-3
BTEX (Soil)	4-5
CCR Metals (Soil)	6-13
TPH-Speciation (Water)	14-15
BTEX (Water)	16-17
CCR Metals (Water)	18-19
List of Abbreviations and Definitions	20

In addition the analysis for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by:
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980618-05
PACE ANALYTICAL WO#:13429A
Client ID#:8C001 TBT

Analyst: RG
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	06/18/98	<10	---	10	1
TTB2-2-S	06/18/98	10	C20-C36 Oil	10	1
TTB2-2-3.0	06/18/98	<10	---	10	1
TTB2-2-5.0	06/18/98	60	C20-C36 Oil	10	1
TTB3-2-S	06/18/98	<10	---	10	1
TTB3-2-3.0	06/18/98	<10	---	10	1
TTB3-2-5.0	06/18/98	<10	---	10	1
TTB4-2-S	06/18/98	<10	---	10	1
TTB4-2-3.0	06/18/98	40	C20-C36 Oil	10	1
TTB4-1-3.0	06/18/98	<10	---	10	1
TTB4-1-5.0	06/18/98	<10	---	10	1
TTB4-2-5.0	06/18/98	60	C20-C36 Oil	10	1
TTB4-1-S	06/18/98	<10	---	10	1
TTB3-1-S	06/19/98	<10	---	10	1
TTB3-1-3.0	06/19/98	<10	---	10	1
TTB3-1-5.0	06/19/98	<10	---	10	1
TTB2-1-S	06/19/98	<10	---	10	1
TTB2-1-3.0	06/19/98	<10	---	10	1
TTB8-3-5.0	06/19/98	<10	---	10	1
TTB2-1-5.0	06/19/98	<10	---	10	1
TTB7-2-S	06/19/98	<10	---	10	1
TTB7-2-3.0	06/19/98	100	C16-C40 Oil	10	1
TTB7-2-5.0	06/19/98	70	C16-C40 Oil	10	1
TTB8-3-S	06/19/98	100	C16-C40 Oil	10	1
TTB8-3-3.0	06/19/98	<10	---	10	1
TTB8-2-S	06/19/98	90	C16-C40 Oil	10	1
TTB8-2-3.0	06/19/98	230	C16-C40 Oil	10	1
TTB8-2-5.0	06/19/98	<10	---	10	1
TTB2-1-5.0 Dup	06/19/98	<10	---	10	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
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Long Beach, CA 90815
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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RC
Preparation Analyst: RG

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/18/98		06/18/98	06/18/98			
TPH-Speciation	113	80-120	70	75	70-130	6.9	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/19/98		06/19/98	06/19/98			
TPH-Speciation	85	80-120	123	128	70-130	4.0	0-30

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Pace Analytical

PACE ANALYTICAL Project#:980616-05
PACE ANALYTICAL WO#:13429A
Client ID#:8G001 TRT

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTB4-1-S	TTB4-1-3.0	TTB4-1-5.0	TTB3-1-S	TTB3-1-3.0	TTB3-1-5.0	TTB2-1-S	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/17/98	06/17/98	06/17/98	06/17/98	06/17/98	06/17/98	06/17/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:								
a,a,a-Trifluorotoluene	88	92	92	92	94	91	91	59-134

Client ID:	TTB2-1-3.0	TTB2-1-5.0	TTB8-2-3.0	TTB8-2-5.0	Method Blank	TTB8-2-S	Method Blank	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/17/98	06/17/98	06/17/98	06/17/98	06/17/98	06/23/98	06/23/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:	
a,a,a-Trifluorotoluene	94	93	72	88	94	86	81	59-134

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/17/98		06/17/98	06/17/98			
Analyte							
Benzene	91	74-116	89	91	72-115	2.2	0-26
Toluene	95	73-116	91	94	70-114	3.2	0-22
Ethylbenzene	96	75-118	93	97	68-119	4.2	0-24
Total Xylenes	97	78-120	94	98	74-117	4.2	0-22

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/23/98		06/23/98	06/23/98			
Analyte							
Benzene	94	74-116	92	93	72-115	1.1	0-26
Toluene	94	73-116	92	95	70-114	3.2	0-22
Ethylbenzene	96	75-118	100	96	68-119	4.1	0-24
Total Xylenes	97	78-120	97	98	74-117	1.0	0-22

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PACE ANALYTICAL Project#:980616-05
PACE ANALYTICAL WO#:13429A
Client ID#:BC001 T6T

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB2-2-S	TTB2-2-3	TTB2-2-5	TTB3-2-S	TTB3-2-3	TTB3-2-5	PRL	EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Method
Date Analyzed:	06/21/98	06/21/98	06/21/98	06/21/98	06/21/98	06/21/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	7.0	5.0	6010
Barium (Ba)	190	340	190	190	270	220	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.6	0.5	0.6	0.6	0.5	0.5	6010
Chromium (Cr)	25	40	31	25	26	23	0.5	6010
Cobalt (Co)	17	6.8	5.9	11	14	16	0.5	6010
Copper (Cu)	35	190	100	33	33	30	1.0	6010
Lead (Pb)	33	1400	1500	21	11	11	2.5	6010
Mercury (Hg)*	0.13	2.2	1.1	0.12	<0.05	0.24	1.0	6010
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.05	7471
Nickel (Ni)	41	22	19	38	43	33	2.5	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.0	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	7.0	<5.0	0.5	6010
Vanadium (V)	23	26	27	24	25	23	5.0	6010
Zinc (Zn)	98	400	280	83	81	76	0.5	6010
							10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/18/98.

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PACE ANALYTICAL Project# 980618 05
PACE ANALYTICAL WO# 13429A
Client ID#:8G001 TBT

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB4-2-S	TTB4-2-3	TTB4-2-5	TTB4-1-S	TTB4-1-3	TTB4-1-5		EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	PRL mg/Kg	Method
Date Analyzed:	06/21/98	06/21/98	06/21/98	06/21/98	06/21/98	06/21/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	90	49	47	36	77	55	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	0.5	6010
Chromium (Cr)	50	54	45	50	20	21	0.5	6010
Cobalt (Co)	9.4	9.6	10	3.8	10	6.5	1.0	6010
Copper (Cu)	16	5.9	6.7	9.6	28	22	2.5	6010
Lead (Pb)	6.8	2.5	2.7	5.9	7.2	5.0	1.0	6010
Mercury (Hg)*	<0.05	<0.05	<0.05	0.06	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	46	36	36	38	35	32	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	39	38	34	38	18	24	0.5	6010
Zinc (Zn)	43	30	31	19	73	42	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/18/98.

REPORT OF LABORATORY ANALYSIS

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Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB3-1-S	TTB3-1-3	TTB3-1-5	TTB2-1-S	TTB2-1-3	TTB2-1-5	PRL	EPA
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Method
Date Analyzed:	06/21/98	06/21/98	06/21/98	06/21/98	06/21/98	06/21/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	160	180	170	120	140	160	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.5	<0.5	0.6	0.5	0.5	<0.5	0.5	6010
Chromium (Cr)	26	23	17	23	26	27	0.5	6010
Cobalt (Co)	11	9.9	7.1	9.4	12	13	1.0	6010
Copper (Cu)	38	31	20	33	37	36	2.5	6010
Lead (Pb)	10	7.8	11	9.5	8.3	8.9	1.0	6010
Mercury (Hg)*	0.08	<0.05	<0.05	0.09	0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	37	34	24	33	39	43	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	26	23	19	23	26	24	0.5	6010
Zinc (Zn)	84	71	54	66	81	79	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 06/18/98

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Pace Analytical

PACE ANALYTICAL Project#:980616 05
PACE ANALYTICAL WO#:13429A
Client ID#:8G001 1BT

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB7-2-S	TTB7-2-3	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/21/98	06/21/98	06/21/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	160	200	<10	10	6010
Beryllium (Be)	0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	0.7	<0.5	0.5	6010
Chromium (Cr)	30	50	<0.5	0.5	6010
Cobalt (Co)	13	15	<1.0	1.0	6010
Copper (Cu)	28	31	<2.5	2.5	6010
Lead (Pb)	64	13	<1.0	1.0	6010
Mercury (Hg)*	0.15	0.06	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	38	120	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	5.6	<5.0	5.0	6010
Vanadium (V)	27	28	<0.5	0.5	6010
Zinc (Zn)	90	71	<10	10	6010
DF	1	1	1		

*Mercury analyzed on 06/18/98.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/21/98		06/21/98	06/21/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	88	70-130	32**	33**	60-130	3.1	0-25
Arsenic (As)	6010	88	78-104	72	82	34-135	13	0-15
Barium (Ba)	6010	99	81-117	93	125	55-130	29**	0-25
Beryllium (Be)	6010	88	70-130	81	91	70-130	12	0-25
Cadmium (Cd)	6010	88	75-104	79	90	73-115	13	0-15
Chromium (Cr)	6010	92	81-103	76	91	62-125	18**	0-15
Cobalt (Co)	6010	91	70-130	82	95	70-130	15	0-25
Copper (Cu)	6010	92	70-130	87	100	70-140	14	0-25
Lead (Pb)	6010	87	78-104	75	86	48-120	14	0-30
Mercury (Hg)*	7471	96	76-121	90	102	70-135	12	0-30
Molybdenum (Mo)	6010	91	70-130	75	87	70-130	16	0-25
Nickel (Ni)	6010	89	70-130	81	94	70-130	15	0-25
Selenium (Se)	6010	90	79-102	74	80	42-120	7.8	0-16
Silver (Ag)	6010	95	77-107	87	94	53-115	7.7	0-19
Thallium (Tl)	6010	89	70-130	78	99	70-130	24	0-25
Vanadium (V)	6010	92	70-130	83	99	70-130	18	0-25
Zinc (Zn)	6010	90	70-130	76	84	70-130	10	0-25

*Mercury analyzed on 06/18/98.
**Sample matrix effect.

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Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB7-2-S	TTB8-3-S	TTB8-3-3	TTB8-3-5	TTB8-2-S		
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	PRL mg/Kg	EPA Method
Date Analyzed:	06/21/98	06/21/98	06/21/98	06/21/98	06/21/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	160	200	110	120	46	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.7	0.7	<0.5	0.5	<0.5	0.5	6010
Chromium (Cr)	35	27	25	28	63	0.5	6010
Cobalt (Co)	14	16	10	13	5.6	1.0	6010
Copper (Cu)	26	42	23	25	10	2.5	6010
Lead (Pb)	12	38	23	14	7.2	1.0	6010
Mercury (Hg)*	0.06	0.84	0.08	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	86	45	43	39	48	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	23	27	21	25	16	0.5	6010
Zinc (Zn)	83	98	55	60	30	1.0	6010
DF	1	1	1	1	1		

*Mercury analyzed on 06/19/98.

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PACE ANALYTICAL Project#:980616 05
PACE ANALYTICAL WO# 13420A
Client ID#:8C001 TBT

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB-2-3	TTB8-2-5	Method Blank	PRL	EPA Method
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Date Analyzed:	06/21/98	06/21/98	06/21/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	57	160	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	22	41	<0.5	0.5	6010
Cobalt (Co)	8.2	18	<1.0	1.0	6010
Copper (Cu)	12	110	<2.5	2.5	6010
Lead (Pb)	39	85	<1.0	1.0	6010
Mercury (Hg)*	<0.05	1.1	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	22	91	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	26	27	<0.5	0.5	6010
Zinc (Zn)	62	310	<10	10	6010
DF	1	1	1		

*Mercury analyzed on 06/18/98.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/21/98		06/21/98	06/21/98			
Antimony (Sb)	6010	83	70-130	38**	38**	60-130	0.4	0-25
Arsenic (As)	6010	83	79-104	68	72	34-135	5.7	0-15
Barium (Ba)	6010	97	81-117	93	89	55-130	4.4	0-25
Beryllium (Be)	6010	84	70-130	81	71	70-130	1.4	0-25
Cadmium (Cd)	6010	84	75-104	69**	70	73-115	1.4	0-15
Chromium (Cr)	6010	88	81-103	66	84	62-125	24**	0-15
Cobalt (Co)	6010	86	70-130	83	72	70-130	14	0-25
Copper (Cu)	6010	89	70-130	70	81	70-140	15	0-25
Lead (Pb)	6010	84	76-104	65	65	48-120	0.0	0-30
Mercury (Hg)*	7471	98	76-121	98	98	70-135	1.1	0-30
Molybdenum (Mo)	6010	88	70-130	69**	70	70-130	1.4	0-25
Nickel (Ni)	6010	85	70-130	114	77	70-130	39**	0-25
Selenium (Se)	6010	85	79-102	65	64	42-120	1.6	0-16
Silver (Ag)	6010	91	77-107	76	72	53-115	5.4	0-19
Thallium (Tl)	6010	87	70-130	73	76	70-130	4.0	0-25
Vanadium (V)	6010	89	70-130	73	82	70-130	12	0-25
Zinc (Zn)	6010	86	70-130	68**	69**	70-130	1.5	0-25

*Mercury analyzed on 06/18/98.
**Sample matrix effect.

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/L	PRL mg/L	DF
Client ID:	Analysis Date			
Method Blank	06/27/98	<5.0	5.0	1
TTB2-2-W	06/27/98	<5.0	5.0	1

REPORT OF LABORATORY ANALYSIS

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Fax: 562-597-0786

QUALITY CONTROL/QUALITY ASSURANCE REPORT

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis date:	06/27/98		06/27/98	06/27/98			
TPH-Speciation	101	80-120	102	98	70-130	4	0-30

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTB2-ZW	Method Blank	
Units:	µg/L	µg/L	MDL µg/L
Analysis Date:	06/17/98	06/17/98	
Analyte			
Benzene	<0.3	<0.3	0.3
Toluene	<0.3	<0.3	0.3
Ethylbenzene	<0.6	<0.6	0.6
Total Xylenes	<0.6	<0.6	0.6
DF	1	1	
Surrogate Recovery %:			Acceptable Range:
a,a,a-Trifluorotoluene	90	90	62-131

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/17/98		06/17/98	06/17/98			
Analyte							
Benzene	89	80-120	93	86	61-127	7.8	0-21
Toluene	94	80-120	96	90	61-116	6.5	0-16
Ethylbenzene	96	80-120	100	95	62-117	5.1	0-20
Total Xylenes	100	80-120	103	96	68-125	7.0	0-21

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB2-2W	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	
Date Analyzed:	06/17/98	06/17/98		
Analyte				
Antimony (Sb)	<0.1	<0.1	0.1	6010
Arsenic (As)	<0.1	<0.1	0.1	6010
Barium (Ba)	<0.2	<0.2	0.2	6010
Beryllium (Be)	<0.01	<0.01	0.01	6010
Cadmium (Cd)	<0.01	<0.01	0.01	6010
Chromium (Cr)	<0.01	<0.01	0.01	6010
Cobalt (Co)	<0.02	<0.02	0.02	6010
Copper (Cu)	<0.05	<0.05	0.05	6010
Lead (Pb)	<0.02	<0.02	0.02	6010
Mercury (Hg)*	<0.0002	<0.0002	0.0002	7471
Molybdenum (Mo)	<0.05	<0.05	0.05	6010
Nickel (Ni)	<0.01	<0.01	0.01	6010
Selenium (Se)	<0.05	<0.05	0.05	6010
Silver (Ag)	<0.01	<0.01	0.01	6010
Thallium (Tl)	<0.1	<0.1	0.1	6010
Vanadium (V)	<0.01	<0.01	0.01	6010
Zinc (Zn)	<0.2	<0.2	0.2	6010
DF	1	1		

*Mercury analyzed on 06/16/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:								
Antimony (Sb)	6010	101	70-130	97	97	70-130	0.0	0-25
Arsenic (As)	6010	103	70-130	103	103	70-118	0.0	0-9
Barium (Ba)	6010	98	70-130	100	100	76-114	0.0	0-9
Beryllium (Be)	6010	101	70-130	101	101	70-130	0.0	0-25
Cadmium (Cd)	6010	100	70-130	95	94	78-108	1.1	0-9
Chromium (Cr)	6010	100	70-130	95	95	75-108	0.0	0-9
Cobalt (Co)	6010	100	70-130	95	95	70-130	0.0	0-25
Copper (Cu)	6010	101	70-130	97	97	70-130	0.0	0-25
Lead (Pb)	6010	100	70-130	94	95	74-106	1.1	0-9
Mercury (Hg)*	7471	113	70-130	76	76	80-122	0.0	0-10
Molybdenum (Mo)	6010	101	70-130	97	97	70-130	0.0	0-25
Nickel (Ni)	6010	101	70-130	95	95	70-130	0.0	0-25
Selenium (Se)	6010	100	70-130	105	106	77-120	0.9	0-10
Silver (Ag)	6010	100	70-130	97	97	69-110	0.0	0-8
Thallium (Tl)	6010	100	70-130	94	94	70-130	0.0	0-25
Vanadium (V)	6010	100	70-130	97	97	70-130	0.0	0-25
Zinc (Zn)	6010	101	70-130	96	96	70-130	0.0	0-25

*Mercury analyzed on 06/10/98.

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL		Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

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980616-05

423426

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510-785-1111	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
	Project Name / No.: CALTRANS TBT		*Requested Due Date: 6/29/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature / Date Sampled

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020 BTEX	8260	8270	6010 CAM	REMARKS
1	TTB2-2-5		SOIL		1						X	X		X		X	
2	TTB2-2-3.0		↓		1						X	X		X		X	
3	TTB2-2-5.0		↓		1						X	X		X		X	
4	TTB2-2-W		H_2O		12						X	X	X	X	X	X	
5	TTB3-2-5	1020	SOIL		1						X	X		X		X	
6	TTB3-2-3.0	1024	↓		1						X	X		X		X	
7	TTB3-2-5.0	1025	↓		1						X	X		X		X	
8	TTB4-2-5	1031	↓		1	X					X	X		X		X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/6/98	1530	FED EX	6/15/98	
				Hung Lam / Pace	6/16/98	900

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

8/97

Pace Analytical

980616-05

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CHAIN-OF-CUSTODY RECORD
Analytical Request

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Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 60001 TBT		Pace Project No
	Project Name / No.: CALTRANS TBT		*Requested Due Date: 6/29/98

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT Date Sampled: 6/15/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM17	8020 BTEX	8260	8270	8080 PCB				REMARKS
1	TTB4-2-3.0	1040	SOIL		1						X	X		X		X				
2	TTB4-2-5.0	1046			1						X	X		X		X				
3	TTB4-2-10.0	1047			1															ARCHIVE
4	TTB4-1-5	1058			1						X	X	X		X					
5	TTB4-1-3.0	1100			1						X	X	X		X					
6	TTB4-1-5.0	1101			1						X	X	X		X					
7	TTB4-1-10.0	1105			1															ARCHIVE
8	TTB3-1-5	1118			1						X	X	X		X					

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/15/98	1530	FEDEX	6/15/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

Pace Analytical

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980616-05

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS
Address: 1320 W. WINTON AVE. HAYWARD CA 94545	Bill To: SAME
Phone: 510-785-1111	P.O. # / Billing Reference: 8600 TBT
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT
Sampler Signature / Date Sampled: CHRIS MERRITT 6/15/98	

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.:
*Requested Due Date: 6/29/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8 CAM 17	8020 BTEX	8260	8270	8080 PCB	REMARKS
1	TTB3-1-3.0	1120	SOIL		1						X	X	X		X		
2	TTB3-1-5.0	1121	↓		1						X	X	X		X		
3	TTB3-1-10.0	1126	↓		1												ARCHIVE
4	TTB2-1-5	1144	↓		1						X	X	X		X		
5	TTB2-1-3.0	1147	↓		1						X	X	X		X		
6	TTB2-1-5.0	1148	↓		1						X	X	X		X		
7	TTB2-1-9.0	1152	↓		1												ARCHIVE
8	TTB7-2-5	1304			1						X	X		X		X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/15/98	1530	FED EX	6/15/98	
				Hourglass / Pace	6/16/98	900

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

1-hr 29h
980616-05

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423439

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date: 6/29/98
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/15/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020 BTEX	8260	8270	8080 PCB	REMARKS
1	TTB7-2-3.0	1304	SOIL		1						X	X		X		X	
2	TTB7-2-6.0	1306			1						X	X		X		X	
3	TTB7-2-10.0	1310			1												ARCHIVE
4	TTB8-3-5	1325			1						X	X		X		X	
5	TTB8-3-3.0	1328			1						X	X		X		X	
6	TTB8-3-5.0	1327			1						X	X		X		X	
7	TTB8-3-10.0	1331			1												ARCHIVE
8	TTB8-2-5	1352									X	X	X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/15/98	1530	FED EX	6/16/98	
				Hunglam / PACE	6/16/98	900

SAMPLE CONDITION

Temp: ___ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

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980616-05

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423433

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date: 6/29/98
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/15/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020 BTEX	8260	8270	8080 PCB	REMARKS
1	TTB8-2-3.0	1355	SOIL		1						X	X	X				
2	TTB8-2-5.0	1355			1						X	X	X				
3	TTB8-2-10.0	1400			1												ARCHIVE
4																	
5																	
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/15/98	1530	FEDEX	6/16/98	
				Hunglam / Pace	6/16/98	930

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

July 29, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 107979
Client Project ID: 980616-05

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on June 17, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

Enclosures

ace Analytical Long Beach II
960 Cilman Street
Long Beach, CA 90813

Pace Project Number: 107979
Client Project ID: 980616 05

Attn: Mr. Richard Villalpando
Phone: (562)498-9611

All results are reported on a Wet weight basis

Pace Sample No.: 10086749
Client Sample ID: TP10-2-S

Date Collected: 06/16/98
Date Received: 06/17/98

Matrix: Soil

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC - Semi VOA							
PCBs in Soil, Low Level		Method: EPA 8240			Prep Method: EPA 3550		
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.033	06/24/98	SJW	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.033	06/24/98	SJW	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.033	06/24/98	SJW	5436-19-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.033	06/24/98	SJW	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.033	06/24/98	SJW	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.033	06/24/98	SJW	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.033	06/24/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	64	%		06/24/98	SJW	877-09-8	
Decachlorobiphenyl (S)	76	%		06/24/98	SJW	2051-24-3	
Date Extracted				06/29/98			
GC/MS - VOA							
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 5030		
Dichlorodifluoromethane	ND	ug/kg	5	06/29/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	06/29/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	06/29/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	06/29/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	06/29/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	06/29/98	SAC	75-69-4	
Methylene Chloride	ND	ug/kg	5	06/29/98	SAC	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	75-35-4	
Trans-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-59-2	

Sub Project Number: 10979
Client Project ID: 98616-05

Lab Sample No: 1986709
Client Sample ID: TP04 2 2

Date Collected: 06/25/98
Date Received: 06/27/98

Matrix: Soil

Parameter	Result	Units	PQL	Analyzed	Analyst	CAS#	Footnote
Chloroform	ND	ug/kg	5	06/29/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	06/29/98	SAC	74-97-5	
1,1,1 Trichloroethane	ND	ug/kg	5	06/29/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	06/29/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	06/29/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	06/29/98	SAC	79-01-6	
1,2 Dichloropropane	ND	ug/kg	5	06/29/98	SAC	78-87-5	
Dibromomethane	ND	ug/kg	5	06/29/98	SAC	75-27-4	
Bromodichloromethane	ND	ug/kg	5	06/29/98	SAC	74-95-3	
Toluene	ND	ug/kg	5	06/29/98	SAC	108-88-3	
1,1,2 Trichloroethane	ND	ug/kg	5	06/29/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	06/29/98	SAC	127-18-4	
1,3 Dichloropropane	ND	ug/kg	5	06/29/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	06/29/98	SAC	124-48-1	
1,2 Dibromoethane	ND	ug/kg	5	06/29/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	06/29/98	SAC	108-90-7	
1,1,1,2 Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	06/29/98	SAC	100-41-4	
M&P-Xylene	ND	ug/kg	5	06/29/98	SAC	7816-60-0	
O Xylene (1,2 Dimethylbenzene)	ND	ug/kg	5	06/29/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	06/29/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	06/29/98	SAC	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	06/29/98	SAC	98-82-8	
1,1,2,2 Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	06/29/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	06/29/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	06/29/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	95-49-8	
1,3,5 Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	106-43-4	
1,2,4 Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	95-63-6	
tert-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	135-98-8	
sec-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	06/29/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	95-50-1	

Kemp Project Number: 107979
Client Project ID: 900616-00

Lab# Sample No: 106494-9 Date Collected: 06/15/98 Matrix (Soil)
Client Sample ID: TTMW-8-S Date Received: 06/17/98

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Qualifiers
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	06/29/98	SAC	96-12-8	
1,2,4 Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	06/29/98	SAC	87-68-3	
Naphthalene	6.6	ug/kg	5	06/29/98	SAC	91-20-3	5
1,2,3-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	87-61-6	
trans-1,4-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	06/29/98	SAC	110-75-8	
Acetone	ND	ug/kg	20	06/29/98	SAC	67-64-1	
2-Butanone	ND	ug/kg	10	06/29/98	SAC	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	06/29/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	06/29/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	06/29/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	06/29/98	SAC	108-05-4	
Methyl tert butyl Ether	ND	ug/kg	5	06/29/98	SAC	1634-04-4	
Ethanol	ND	ug/kg	500	06/29/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	06/29/98	SAC	108-20-3	
Ethyl tert butyl ether	ND	ug/kg	5	06/29/98	SAC	637-92-3	
Tert Amylmethyl ether	ND	ug/kg	5	06/29/98	SAC	994-05-8	
2 Methyl 2 propanol	ND	ug/kg	100	06/29/98	SAC	75-65-0	
Dibromofluoromethane (S)	100	%		06/29/98	SAC	1868-53-7	
Toluene d8 (S)	92	%		06/29/98	SAC	2037-26-5	
4 Bromofluorobenzene (S)	92	%		06/29/98	SAC	460-00-4	
1,2 Dichloroethane d4 (S)	92	%		06/29/98	SAC	17060-07-0	5

Test Project Number: 107979
Client Project ID: 9802[illegible]05

Lab Sample No: 10610754
Client Sample ID: TTMW 7-3.0

Date Collected: 06/19/98
Date Received: 06/19/98

Matrix: Soil

Parameter(s)	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnote(s)

GC - Semi VOA

EPA 8080 Extraction, Low Level — Method: EPA 8080 — Prep Method: EPA 3550

PCB-1016 (Aroclor 1016)	ND	mg/kg	0.033	06/23/98	CJW	12674-11-2
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.033	06/23/98	CJW	11104-28-2
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.033	06/23/98	CJW	11141-16-5
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.033	06/23/98	CJW	53469-21-9
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.033	06/23/98	CJW	12672-29-6
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.033	06/23/98	CJW	11097-69-1
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.033	06/23/98	CJW	11096-82-5
Tetrachloro-m-xylene (S)	99	%		06/23/98	CJW	877-09-8
Decachlorodiphenyl (S)	111	%		06/23/98	CJW	2051-24-3
Date Extracted				06/19/98		

GC/MS - VOA

GC/MS VOCs by 8260 — Method: EPA 8260 — Prep Method: EPA 8260

Dichlorodifluoromethane	ND	ug/kg	5	06/29/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	06/29/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	06/29/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	06/29/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	06/29/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	06/29/98	SAC	75-69-4
Methylene Chloride	42	ug/kg	5	06/29/98	SAC	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	06/29/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	06/29/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	06/29/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	06/29/98	SAC	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	563-58-6
Benzene	ND	ug/kg	5	06/29/98	SAC	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	06/29/98	SAC	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	78-87-5
Dibromomethane	ND	ug/kg	5	06/29/98	SAC	74-95-3

Data Project Number: 10797
Client Project ID: 980016-01

Lab Sample No: 10A00750
Client Sample ID: TP03-2'-1.0

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	06/29/98	SAC	74-95-3	
Freon 12	ND	ug/kg	5	06/29/98	SAC	75-71-8	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5	06/29/98	SAC	76-13-1	
Tetrachloroethene	ND	ug/kg	5	06/29/98	SAC	79-34-5	
1,1-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	563-58-6	
Bromochloromethane	ND	ug/kg	5	06/29/98	SAC	74-97-5	
1,2-Dibromoethane	ND	ug/kg	5	06/29/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	06/29/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	06/29/98	SAC	100-41-4	
m&p-Xylene	ND	ug/kg	5	06/29/98	SAC	179/6-00-3	
o-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	06/29/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	06/29/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	06/29/98	SAC	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	06/29/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	06/29/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	06/29/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	06/29/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	95-63-6	
tert-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	135-98-8	
sec-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	06/29/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	06/29/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	06/29/98	SAC	87-68-3	
Naphthalene	6.7	ug/kg	5	06/29/98	SAC	91-20-3	1
1,2,3-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-01-5	
2-Chloroethyl vinyl Ether	ND	ug/kg	5	06/29/98	SAC	110-75-8	
Acetone	600	ug/kg	20	06/29/98	SAC	67-64-1	3,4,5
2-Butanone	98	ug/kg	10	06/29/98	SAC	78-93-3	

Accu Project Number: 10999
Client Project ID: 980616.00

Accu Sample No: 10606706
Client Sample ID: TMW-2-4.0

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: SOIL

Parameters	Formation	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	06/29/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	06/29/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	06/29/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	06/29/98	SAC	108-05-4	
Methyl tert-butyl Ether	ND	ug/kg	5	06/29/98	SAC	1634-04-4	
Ethanol	ND	ug/kg	500	06/29/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	06/29/98	SAC	108-20-3	
Ethyl-tert-Butyl ether	ND	ug/kg	5	06/29/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	06/29/98	SAC	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	06/29/98	SAC	75-65-0	
Dibromofluoromethane (S)	106	%		06/29/98	SAC	1868-53-7	%
Toluene-d8 (S)	104	%		06/29/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	94	%		06/29/98	SAC	460-00-4	%
1,2-Dichloroethane-d4 (S)	102	%		06/29/98	SAC	17060-07-0	

Pace Project Number: 187774
Client Project ID: 980610-05

Lab Sample No: 187774
Client Sample ID: TP12 0-5 0

Date Collected: 06/10/98
Date Received: 06/12/98

Matrix: Soil

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC Semi VOA							
PCB's in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB 1016 (Aroclor 1016)	ND	mg/kg	0.01	06/23/98	SAW	12674-11-2	
PCB 1221 (Aroclor 1221)	ND	mg/kg	0.01	06/23/98	SAW	11104-28-2	
PCB 1232 (Aroclor 1232)	ND	mg/kg	0.01	06/23/98	SAW	11141-16-5	
PCB 1242 (Aroclor 1242)	ND	mg/kg	0.01	06/23/98	SAW	53469-21-9	
PCB 1248 (Aroclor 1248)	ND	mg/kg	0.01	06/23/98	SAW	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.03	06/23/98	SAW	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.03	06/23/98	SAW	11096-82-5	
Tetrachloro-m-xylene (S)	102	%		06/23/98	SAW	877-09-8	
Decachlorobiphenyl (S)	94	%		06/23/98	SAW	2051-24-3	
Date Extracted				06/17/98			
GC/MS - VOA							
GC/MS VOC's by 8260		Method: EPA 8260				Prep Method: EPA 5030	
Dichlorodifluoromethane	ND	ug/kg	5	06/29/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	06/29/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	06/29/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	06/29/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	06/29/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	06/29/98	SAC	75-69-4	
Methylene Chloride	ND	ug/kg	5	06/29/98	SAC	75-09-2	
1,1 Dichloroethene	ND	ug/kg	5	06/29/98	SAC	75-35-4	
Trans 1,2 Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-60-5	
1,1 Dichloroethane	ND	ug/kg	5	06/29/98	SAC	75-34-3	
2,2 Dichloropropane	ND	ug/kg	5	06/29/98	SAC	594-20-7	
Cis 1,2 Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	06/29/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	06/29/98	SAC	74-97-5	
1,1,1 Trichloroethane	ND	ug/kg	5	06/29/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	06/29/98	SAC	56-23-5	
1,1 Dichloropropene	ND	ug/kg	5	06/29/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	06/29/98	SAC	71-43-2	
1,2 Dichloroethane	ND	ug/kg	5	06/29/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	06/29/98	SAC	79-01-6	
1,2 Dichloropropane	ND	ug/kg	5	06/29/98	SAC	78-87-5	
Bromodichloromethane	ND	ug/kg	5	06/29/98	SAC	75-27-4	

Project Number: 107029
Client Project ID: 9806Lv 05

Lab Sample No: 1068676a
Client Sample ID: TTB2 2 5.0

Date Collected: 06/19/08
Date Received: 06/19/08

Matrix: Soil

Parameter	Result	Units	PQL	Analyzed	Analyst	CAS#	Footnote
Dibromochloromethane	ND	ug/kg	5	06/20/08	SAC	124-48-1	
Dalapon	ND	ug/kg	5	06/20/08	SAC	75-99-0	
1,1,2-Trichloroethane	ND	ug/kg	5	06/20/08	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	06/20/08	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	06/20/08	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	06/20/08	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	06/20/08	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	06/20/08	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	06/20/08	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	06/20/08	SAC	100-41-4	
M&P Xylene	ND	ug/kg	5	06/20/08	SAC	7216-60-0	
O Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	06/20/08	SAC	95-47-6	
Xylenes	ND	ug/kg	5	06/20/08	SAC	100-42-5	
Styrene	ND	ug/kg	5	06/20/08	SAC	75-35-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	06/20/08	SAC	98-82-8	
1,1,2,2 Tetrachloroethane	ND	ug/kg	5	06/20/08	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	06/20/08	SAC	108-86-1	
1,2,3 Trichloropropane	ND	ug/kg	5	06/20/08	SAC	96-18-4	
n Propylbenzene	ND	ug/kg	5	06/20/08	SAC	103-65-1	
2 Chlorotoluene	ND	ug/kg	5	06/20/08	SAC	95-49-8	
1,3,5 Trimethylbenzene	ND	ug/kg	5	06/20/08	SAC	108-67-8	
4 Chlorotoluene	ND	ug/kg	5	06/20/08	SAC	106-43-4	
1,2,4 Trimethylbenzene	ND	ug/kg	5	06/20/08	SAC	95-63-6	
sec Butylbenzene	ND	ug/kg	5	06/20/08	SAC	135-98-8	
tert Butylbenzene	ND	ug/kg	5	06/20/08	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	06/20/08	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	06/20/08	SAC	541-73-1	
1,4 Dichlorobenzene	ND	ug/kg	5	06/20/08	SAC	106-46-7	
n Butylbenzene	ND	ug/kg	5	06/20/08	SAC	104-51-8	
1,2 Dichlorobenzene	ND	ug/kg	5	06/20/08	SAC	95-50-1	
1,2-Dibromo 3 Chloropropane	ND	ug/kg	5	06/20/08	SAC	96-12-8	
1,2,4 Trichlorobenzene	ND	ug/kg	5	06/20/08	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	06/20/08	SAC	87-68-3	
Naphthalene	6.5	ug/kg	5	06/20/08	SAC	91-20-3	3
1,2,3-Trichlorobenzene	ND	ug/kg	5	06/20/08	SAC	87-61-6	
Dalapon-1,1-Dichloropropanone	ND	ug/kg	5	06/20/08	SAC	13061-92-6	
cis 1,3 Dichloropropene	ND	ug/kg	5	06/20/08	SAC	10061-01-5	
2 Chloroethyl Vinyl Ether	ND	ug/kg	5	06/20/08	SAC	110-75-8	
Acetone	260	ug/kg	20	06/20/08	SAC	67-64-1	1,4,6
2 Butanone	15	ug/kg	10	06/20/08	SAC	78-93-3	

DATE: 07/30/98
PAGE: 9

Pace Project Number: 107999
Client Project ID: 960616.05

Lab Sample No: 1968704
Client Sample ID: TTR2 2-6.0

Date Collected: 06/15/98
Date Received 06/17/98

Matrix: SOIL

Analytes	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/Kg	10	06/29/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/Kg	10	06/29/98	SAC	75-15-0	
2-Hexanone	ND	ug/Kg	100	06/29/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/Kg	100	06/29/98	SAC	108-05-4	
Methyl-tert-butyl Ether	ND	ug/Kg	5	06/29/98	SAC	1634-04-4	
Ethanol	ND	ug/Kg	500	06/29/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/Kg	5	06/29/98	SAC	108-20-3	
Ethyl-tert-butyl ether	ND	ug/Kg	5	06/29/98	SAC	637-92-3	
Tert-Amylmethyl ether	ND	ug/Kg	5	06/29/98	SAC	994-05-8	
2-Methyl-2-propanol	ND	ug/Kg	100	06/29/98	SAC	75-65-0	
Dibromofluoromethane (S)	100	%		06/29/98	SAC	1868-53-7	5
Toluene-d8 (S)	92	%		06/29/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	82	%		06/29/98	SAC	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%		06/29/98	SAC	17060-07-0	

Base Project Number: 10779
Client Project ID: JB0526-05

Lab Sample No: 10686792
Client Sample ID: TTSV 2-W

Date Collected: 06/17/98
Date Received: 06/17/98
Matrix: Water

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes

GC: Semi VOA

PCB's in Water, Low Level — Method: EPA 8082 — Prep Method: EPA 3510

PCB-1016 (Aroclor 1016)	ND	ug/L	0.1	06/24/98	SJW	12674-11-2
PCB-1221 (Aroclor 1221)	ND	ug/L	0.1	06/24/98	SJW	11104-28-2
PCB-1232 (Aroclor 1232)	ND	ug/L	0.1	06/24/98	SJW	11141-16-5
PCB-1242 (Aroclor 1242)	ND	ug/L	0.1	06/24/98	SJW	53469-21-9
PCB-1248 (Aroclor 1248)	ND	ug/L	0.1	06/24/98	SJW	12672-29-6
PCB-1254 (Aroclor 1254)	ND	ug/L	0.1	06/24/98	SJW	11097-69-1
PCB-1260 (Aroclor 1260)	ND	ug/L	0.1	06/24/98	SJW	11096-82-5
Tetrachloro-meta-xylene (S)	82	%		06/24/98	SJW	877-09-8
Decachlorobiphenyl (S)	126	%		06/24/98	SJW	2051-24-3
Date Extracted				06/18/98		

GC/MS: Semi VOA

Semivolatile Organics — Method: EPA 8270 — Prep Method: EPA 3520

Phenol	ND	ug/L	100	06/21/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/L	100	06/21/98	SAC	111-44-4
2-Chlorophenol	ND	ug/L	100	06/21/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/L	100	06/21/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/L	100	06/21/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/L	100	06/21/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/L	100	06/21/98	SAC	95-50-1
2-Methylphenol	ND	ug/L	100	06/21/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/L	100	06/21/98	SAC	108-60-1
4-Methylphenol	ND	ug/L	100	06/21/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/L	100	06/21/98	SAC	621-64-7
Hexachloroethane	ND	ug/L	100	06/21/98	SAC	67-72-1
Nitrobenzene	ND	ug/L	100	06/21/98	SAC	98-95-3
Isophorone	ND	ug/L	100	06/21/98	SAC	78-59-1
2-Nitrophenol	ND	ug/L	100	06/21/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/L	100	06/21/98	SAC	105-67-9
Benzoic Acid	ND	ug/L	500	06/21/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/L	100	06/21/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/L	100	06/21/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/L	100	06/21/98	SAC	120-82-1
Naphthalene	ND	ug/L	100	06/21/98	SAC	91-20-3
4-Chloroaniline	ND	ug/L	100	06/21/98	SAC	106-47-8

Basic Project Number: 187919
Client Project ID: 9800160-01

Lab Sample No: 106877[illegible]
Client Sample ID: TTR2-2 W

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: Water

Parameter	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
Hexachlorocyclopentadiene	ND	ug/L	100	06/21/98	SAC	77-47-4	
4-Chloro-3-methylphenol	ND	ug/L	100	06/21/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/L	100	06/21/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/L	100	06/21/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/L	100	06/21/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/L	500	06/21/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/L	100	06/21/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/L	500	06/21/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/L	100	06/21/98	SAC	131-11-3	
Acenaphthylene	ND	ug/L	100	06/21/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/L	100	06/21/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/L	500	06/21/98	SAC	99-09-2	
Acenaphthene	ND	ug/L	100	06/21/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/L	500	06/21/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/L	500	06/21/98	SAC	100-02-7	
Dibenzofuran	ND	ug/L	100	06/21/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/L	100	06/21/98	SAC	121-14-2	
Diethylphthalate	ND	ug/L	100	06/21/98	SAC	84-66-2	
4-Chlorophenyl phenylether	ND	ug/L	100	06/21/98	SAC	7005-72-3	
Fluorene	ND	ug/L	100	06/21/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/L	500	06/21/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/L	500	06/21/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/L	100	06/21/98	SAC	86-30-6	
4-Bromophenyl phenylether	ND	ug/L	100	06/21/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/L	100	06/21/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/L	500	06/21/98	SAC	87-86-5	
Phenanthrene	ND	ug/L	100	06/21/98	SAC	85-01-8	
Anthracene	ND	ug/L	100	06/21/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/L	100	06/21/98	SAC	84-74-2	
Fluoranthene	ND	ug/L	100	06/21/98	SAC	206-44-0	
Pyrene	ND	ug/L	100	06/21/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/L	100	06/21/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/L	200	06/21/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/L	100	06/21/98	SAC	56-55-3	
Chrysene	ND	ug/L	100	06/21/98	SAC	218-01-9	
Bis(2-Ethylhexyl)phthalate	ND	ug/L	100	06/21/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/L	1000	06/21/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/L	100	06/21/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	1000	06/21/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/L	1000	06/21/98	SAC	50-32-8	

Data Project Number: 197177
Client Project ID: 980616-05

Lab Sample No: 10606772
Client Sample ID: TP12-2 W

Date Collected: 06/15/98
Date Received 06/17/98

Matrix: Water

Parameter	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnote
Indeno(1,2,3-cd)pyrene	ND	ug/L	1000	06/21/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/L	1000	06/21/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/L	1000	06/21/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	66	%		06/21/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	204	%		06/21/98	SAC	321-60-8	9
Terphenyl-d14 (S)	120	%		06/21/98	SAC	1718-51-0	
Phenol-d6 (S)	0	%		06/21/98	SAC	13127-88-3	9
2-Fluorophenol (S)	62	%		06/21/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	96	%		06/21/98	SAC	118-79-6	
Date Extracted				06/19/98			

Pace Project Number: 107979
Client Project ID: 980616 05

Lab Sample No: 1060n740 Date Collected: 06/15/98 Matrix: SOIL
Client Sample ID: TP11-2 S Date Received: 06/17/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS #	Footnotes
GC - Semi VOA							
PCBs in Soil, Low Level	Method: EPA 8080					Prep Method: EPA 3550	
PCB 1016 (Aroclor 1016)	ND	mg/kg	0.03	06/23/98	SAW	12674-11-2	
PCB 1221 (Aroclor 1221)	ND	mg/kg	0.03	06/23/98	SAW	11104-28-2	
PCB 1232 (Aroclor 1232)	ND	mg/kg	0.03	06/23/98	SAW	11141-16-5	
PCB 1242 (Aroclor 1242)	ND	mg/kg	0.03	06/23/98	SAW	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.03	06/23/98	SAW	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.03	06/23/98	SAW	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.03	06/23/98	SAW	11096-82-5	
Tetrachloro-m-xylene (S)	101	%		06/23/98	SAW	877-09-8	
Decachlorobiphenyl (S)	111	%		06/23/98	SAW	2051-24-3	
Date Extracted				06/17/98			
GC/MS - VOA							
GC/MS VOCs by 8260	Method: EPA 8260					Prep Method: EPA 5030	
Dichlorodifluoromethane	ND	ug/kg	5	06/29/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	06/29/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	06/29/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	06/29/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	06/29/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	06/29/98	SAC	75-69-4	
Methylene Chloride	11	ug/kg	5	06/29/98	SAC	75-09-2	I
1,1 Dichloroethene	ND	ug/kg	5	06/29/98	SAC	75-35-4	
trans 1,2 Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-60-5	
1,1 Dichloroethane	ND	ug/kg	5	06/29/98	SAC	75-34-3	
2,2 Dichloropropane	ND	ug/kg	5	06/29/98	SAC	594-20-7	
cis 1,2 Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	06/29/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	06/29/98	SAC	74-97-5	
1,1,1 Trichloroethane	ND	ug/kg	5	06/29/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	06/29/98	SAC	56-23-5	
1,1 Dichloropropene	ND	ug/kg	5	06/29/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	06/29/98	SAC	71-43-2	
1,2 Dichloroethane	ND	ug/kg	5	06/29/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	06/29/98	SAC	79-01-6	
1,2 Dichloropropane	ND	ug/kg	5	06/29/98	SAC	78-87-5	
Dibromomethane	ND	ug/kg	5	06/29/98	SAC	75-27-4	

Pace Project Number: 10791
Client Project ID: 980616 0

Lab Sample No: 1801670
Client Sample ID: TB14-2 0

Date Collected: 06/25/98
Date Received: 06/27/98

Matrix: Soil

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Qualifiers
Dibromomethane	ND	ug/kg	5	06/29/98	SAC	74-95-3	
Chloroform	ND	ug/kg	5	06/29/98	SAC	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5	06/29/98	SAC	71-55-6	
Tetrachloromethane	ND	ug/kg	5	06/29/98	SAC	127-18-4	
1,1-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	563-58-6	
Dibromochloromethane	ND	ug/kg	5	06/29/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	06/29/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	06/29/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	06/29/98	SAC	100-41-4	
m&p-Xylene	ND	ug/kg	5	06/29/98	SAC	1330-20-7	
o-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	06/29/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	06/29/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	06/29/98	SAC	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	06/29/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	06/29/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	06/29/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	06/29/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	95-63-6	
tert-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	135-98-8	
1,2-Dichloroethene (total)	ND	ug/kg	5	06/29/98	SAC	540-59-0	
p-Isopropyltoluene	ND	ug/kg	5	06/29/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	06/29/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	06/29/98	SAC	87-68-3	
Naphthalene	6.9	ug/kg	5	06/29/98	SAC	91-20-3	3
1,2,3-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-01-5	
2-Chloroethyl vinyl Ether	ND	ug/kg	5	06/29/98	SAC	110-75-8	
Acrolein	ND	ug/kg	20	06/29/98	SAC	107-64-1	1,4
2-Butanone	ND	ug/kg	10	06/29/98	SAC	78-93-3	

Penn Project Number: L07979
Client Project ID: 980616 05

Lab Sample No: L0686780 Date Collected: 06/17/98 Matrix: Soil
Client Sample ID: TP14 2 5 Date Received: 06/17/98

Parameters	Results	Units	RDL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	06/29/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	06/29/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	06/29/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	06/29/98	SAC	108-05-4	
Methyl tert-butyl Ether	ND	ug/kg	5	06/29/98	SAC	1634-04-4	
Ethanol	ND	ug/kg	500	06/29/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	06/29/98	SAC	108-20-3	
Ethyl tert-butyl ether	ND	ug/kg	5	06/29/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	06/29/98	SAC	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	06/29/98	SAC	75-65-0	
Dibromofluoromethane (S)	100	%		06/29/98	SAC	1868-53-7	
Toluene-d8 (S)	94	%		06/29/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	80	%		06/29/98	SAC	460-00-4	7
1,2-Dichloroethane-d4 (S)	96	%		06/29/98	SAC	17060-07-0	7

Pace Project Number: 107979
Client Project ID: 980226.05

Pace Sample No: 1068679
Client Sample ID: TP13-2-5.0

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: Soil

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes

GC - Semi VOA

PCB's in Soil, Low Level — Method: EPA 8082 — Prep Method: EPA 3550

PCB-1016 (Aroclor 1016)	ND	mg/kg	0.03	06/21/98	SAW	12674-11-2
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.03	06/21/98	SAW	11104-28-2
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.03	06/21/98	SAW	11141-16-5
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.03	06/21/98	SAW	53469-21-9
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.03	06/21/98	SAW	12672-29-6
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.03	06/21/98	SAW	11097-69-1
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.03	06/21/98	SAW	11096-82-5
Tetrachloro-m-xylene (S)	104	%		06/21/98	SAW	877-09-8
Decachlorobiphenyl (S)	114	%		06/21/98	SAW	2051-24-3
Date Extracted				06/19/98		

GC/MS - VOA

GC/MS VOC's by 8260 — Method: EPA 8260 — Prep Method: EPA 5030

Dichlorodifluoromethane	ND	ug/kg	5	06/29/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	06/29/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	06/29/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	06/29/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	06/29/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	06/29/98	SAC	75-69-4
Methylene Chloride	ND	ug/kg	5	06/29/98	SAC	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	06/29/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	06/29/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	06/29/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	06/29/98	SAC	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	563-58-6
Benzene	ND	ug/kg	5	06/29/98	SAC	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	06/29/98	SAC	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	78-87-5
Dibromomethane	ND	ug/kg	5	06/29/98	SAC	74-95-3

Parr Project Number: 107979
Client Project ID: 98Q16 07

Lab Sample No: 10w0298
Client Sample ID: TTH1-2-3.0

Date Collected: 06/10/98
Date Received: 06/17/98

Matrix: SOIL

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dichlorodifluoromethane	ND	ug/kg	5	06/29/98	SAC	75-71-8	
Vinyl chloride	ND	ug/kg	5	06/29/98	SAC	75-01-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5	06/29/98	SAC	76-13-1	
Chloroethane	ND	ug/kg	5	06/29/98	SAC	75-00-3	
1,1-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	563-58-6	
Dibromofluoromethane	ND	ug/kg	5	06/29/98	SAC	1868-53-7	
1,2-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	124-48-1	
Chlorobenzene	ND	ug/kg	5	06/29/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	06/29/98	SAC	100-41-4	
M&P-Xylenes	ND	ug/kg	5	06/29/98	SAC	2216-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	06/29/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	06/29/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	06/29/98	SAC	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	06/29/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	06/29/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	06/29/98	SAC	96-18-4	
N-Propylbenzene	ND	ug/kg	5	06/29/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	95-63-6	
Tert-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	135-98-8	
Sec-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	98-06-6	
P-Isopropyltoluene	ND	ug/kg	5	06/29/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	106-46-7	
N-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	06/29/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	06/29/98	SAC	87-68-3	
Naphthalene	5.2	ug/kg	5	06/29/98	SAC	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	87-61-6	
Trans-1,4-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-02-6	
Cis-1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	06/29/98	SAC	110-75-8	
Acetone	ND	ug/kg	20	06/29/98	SAC	67-64-1	
2-Butanone	ND	ug/kg	20	06/29/98	SAC	78-93-3	

DATE: 07/09/98
PAGE: 18

Data Project Number: 107029
Client Project ID: 98Q4in 04

Lab Sample No: 106807-8d
Client Sample ID: TTP4 @ 1.0

Date Collected: 06/16/98
Date Received: 06/17/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	06/29/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	06/29/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	06/29/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	06/29/98	SAC	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	06/29/98	SAC	1634-04-4	
Ethanol	ND	ug/kg	500	06/29/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	06/29/98	SAC	108-20-3	
Ethyl tert-butyl ether	ND	ug/kg	5	06/29/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	06/29/98	SAC	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	06/29/98	SAC	75-65-0	
Dibromofluoromethane (S)	98	%		06/29/98	SAC	1868-53-7	
Toluene-d8 (S)	88	%		06/29/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	84	%		06/29/98	SAC	460-00-4	S
1,2-Dichloroethane-d4 (S)	92	%		06/29/98	SAC	17060-07-0	

Pace Project Number: 107929
Client Project ID: 200016.05

Pace Sample No: 10946806 Date Collected: 06/15/98 Matrix: Soil
Client Sample ID: TP13-2 5.0 Date Received: 06/17/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS #	Footnotes
GC Semi VOA							
PCB's in Soil, Low Level		Method: EPA 8080			Prep Method: EPA 3550		
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.03	06/23/98	SAW	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.03	06/23/98	SAW	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.03	06/23/98	SAW	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.03	06/23/98	SAW	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.03	06/23/98	SAW	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.03	06/23/98	SAW	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.03	06/23/98	SAW	11096-82-5	
Tetrachloro-meta-xylene (S)	108	%		06/23/98	SAW	877-09-8	
Decachlorobiphenyl (S)	109	%		06/23/98	SAW	2051-24-3	10
Date Extracted				06/19/98			
GC/MS VOA							
P/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 5030		
Dichlorodifluoromethane	ND	ug/kg	5	06/29/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	06/29/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	06/29/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	06/29/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	06/29/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	06/29/98	SAC	75-69-4	
Methylene Chloride	ND	ug/kg	5	06/29/98	SAC	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	06/29/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	06/29/98	SAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	06/29/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	06/29/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	06/29/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	06/29/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	78-87-5	
Dibromochloromethane	ND	ug/kg	5	06/29/98	SAC	75-27-4	

Pace Project Number: 10789
Client Project ID: 980616.05

Pace Sample No: 10480696 Date Collected: 06/16/98 Matrix: Soil
Client Sample ID: 2703 2 5.0 Date Received: 06/17/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CASRN	Footnotes
Dibromochloromethane	ND	ug/kg	5	06/29/98	SAC	124-48-1	
Toluene	ND	ug/kg	5	06/29/98	SAC	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	06/29/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	06/29/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	06/29/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	06/29/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	06/29/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	06/29/98	SAC	100-41-4	
m&p-Xylene	ND	ug/kg	5	06/29/98	SAC	7816-60-0	
o-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	06/29/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	06/29/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	06/29/98	SAC	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	06/29/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	06/29/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	06/29/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	06/29/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	06/29/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	06/29/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	06/29/98	SAC	87-68-3	
Naphthalene	7.4	ug/kg	5	06/29/98	SAC	91-20-3	1
1,2,3-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	87-61-6	
Freon 113 (1,1,2-Trichloro-1,2,2-trifluoroethane)	ND	ug/kg	5	06/29/98	SAC	76-13-1	
cis-1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	06/29/98	SAC	110-75-8	
Acetone	ND	ug/kg	25	06/29/98	SAC	67-64-1	
2-Butanone	ND	ug/kg	10	06/29/98	SAC	78-93-3	

Data Project Number: 10797
Client Project ID: 960636.05

Lab Sample No: 1968696
Client Sample ID: TP3-2 5.0

Date Collected: 06/16/98
Date Received: 06/17/98

Matrix: Soil

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl 2 Pentanone	ND	ug/kg	10	06/29/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	06/29/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	06/29/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	06/29/98	SAC	108-05-4	
Methyl-tert butyl Ether	ND	ug/kg	5	06/29/98	SAC	1634-04-4	
Ethanol	ND	ug/kg	500	06/29/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	06/29/98	SAC	108-20-3	
Ethyl-tert butyl ether	ND	ug/kg	5	06/29/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	06/29/98	SAC	994-05-8	
2-Methyl 2 propanol	ND	ug/kg	100	06/29/98	SAC	75-65-0	
Dibromofluoromethane (S)	98	%		06/29/98	SAC	1868-53-7	
Toluene-d8 (S)	90	%		06/29/98	SAC	2037-26-5	
4 Bromofluorobenzene (S)	84	%		06/29/98	SAC	460-00-4	
1,2 Dichloroethane d4 (S)	96	%		06/29/98	SAC	17060-07-0	

Pace Project Number: 107929
Client Project ID: 980616 05

Lab Sample No: 1980814
Client Sample ID: TMW4-2.5

Date Collected: 06/16/98
Date Received: 06/17/98
Matrix: Soil

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC - Semi VOA							
PCBs in Soil, Low Level		Method: EPA 8080			Prep Method: EPA 3550		
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.04	06/23/98	SAW	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.04	06/23/98	SAW	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.04	06/23/98	SAW	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.04	06/23/98	SAW	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.04	06/23/98	SAW	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.04	06/23/98	SAW	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.04	06/23/98	SAW	11096-82-5	
Tetrachloro-m-xylene (S)	67	%		06/23/98	SAW	877-09-8	
Decachlorobiphenyl (S)	149	%		06/23/98	SAW	2051-24-3	
Date Extracted				06/19/98			
GC/MS VOA							
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 5030		
Dichlorodifluoromethane	ND	ug/kg	5	06/29/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	06/29/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	06/29/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	06/29/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	06/29/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	06/29/98	SAC	75-69-4	
Methylene Chloride	ND	ug/kg	5	06/29/98	SAC	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	06/29/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	06/29/98	SAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	06/29/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	06/29/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	06/29/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	06/29/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	78-87-5	
Dibromomethane	ND	ug/kg	5	06/29/98	SAC	74-95-3	

Base Project Number: 10029
Client Project ID: 9806104.05

Base Sample No: 10006814
Client Sample ID: TP04-2.5

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: Soil

Parameter	Results	Units	PQL	Analyzed	Analyst	%Rec	Footnotes
Dichlorodifluoromethane	ND	ug/kg	5	06/29/98	SAC	94-95.3	
Chloromethane	ND	ug/kg	5	06/29/98	SAC	108-84.3	
1,2,2-Trichlorotrifluoroethane	ND	ug/kg	5	06/29/98	SAC	79-80.5	
Vinyl chloride	ND	ug/kg	5	06/29/98	SAC	127-18.4	
1,3-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	142-38.9	
Bromomethane	ND	ug/kg	5	06/29/98	SAC	126-40.1	
Chloroethane	ND	ug/kg	5	06/29/98	SAC	105-94.4	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	158-98.2	
Trichlorofluoromethane	ND	ug/kg	5	06/29/98	SAC	650-20.6	
M&P Xylenes	ND	ug/kg	5	06/29/98	SAC	100-41.4	
O Xylene (1,2 Dimethylbenzene)	ND	ug/kg	5	06/29/98	SAC	7816-66.0	
Styrene	ND	ug/kg	5	06/29/98	SAC	95-9.7.6	
Bromoform	ND	ug/kg	5	06/29/98	SAC	100-62.5	
Isopropylbenzene (Cumene)	ND	ug/kg	5	06/29/98	SAC	95-20.3	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	98-82.8	
Bromobenzene	ND	ug/kg	5	06/29/98	SAC	79-40.5	
1,2,3-Trichloropropane	ND	ug/kg	5	06/29/98	SAC	108-84.1	
n-Propylbenzene	ND	ug/kg	5	06/29/98	SAC	96-10.9	
2-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	133-66.1	
1,3,5-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	95-49.8	
4-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	108-67.8	
1,2,4-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	106-41.9	
sec-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	95-61.6	
n-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	115-98.8	
p-Isopropyltoluene	ND	ug/kg	5	06/29/98	SAC	98-86.6	
1,3-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	99-107.6	
1,4-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	581-71.1	
n-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	106-46.7	
1,2-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	104-51.8	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	06/29/98	SAC	95-50.1	
1,2,4-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	96-13.8	
Hexachlorobutadiene	ND	ug/kg	5	06/29/98	SAC	120-82.1	
Naphthalene	6.3	ug/kg	5	06/29/98	SAC	87-64.1	
1,2,3-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	91-20.1	A
trans-1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	89-61.6	
cis-1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-02.6	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	06/29/98	SAC	10061-02.6	
Acetone	ND	ug/kg	20	06/29/98	SAC	116-76.9	
2-Butanone	ND	ug/kg	10	06/29/98	SAC	67-66.1	
						78-91.1	

DATE: 07/29/98
PAGE: 24

Data Project Number: 107939
Client Project ID: 98G01-05

Lab Sample No: 10686R14
Client Sample ID: TTP4 2 5

Date Collected: 06/24/98
Date Received: 06/27/98
Matrix: Soil

Parameter	Result	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl 2 Pentanone	ND	ug/kg	10	06/29/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	06/29/98	SAC	75-15-0	
2 Hexanone	ND	ug/kg	100	06/29/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	06/29/98	SAC	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	06/29/98	SAC	1634-04-4	
Xylenes	ND	ug/kg	500	06/29/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	06/29/98	SAC	108-20-3	
Ethyl tert-butyl ether	ND	ug/kg	5	06/29/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	06/29/98	SAC	994-05-8	
2 Methyl-2-propanol	ND	ug/kg	100	06/29/98	SAC	75-65-0	
Dibromofluoromethane (S)	108	%		06/29/98	SAC	1868-53-7	5
Toluene d8 (S)	92	%		06/29/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	82	%		06/29/98	SAC	460-00-4	7
1,2 Dichloroethane d4 (S)	96	%		06/29/98	SAC	17060-07-0	

Pace Project Number: 107949
Client Project ID: 980616.05

Lab Sample No: 10080822 Date Collected: 06/15/98 Matrix: Soil
Client Sample ID: TP10-2-3.0 Date Received: 06/17/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS #	Footnotes
GC Semi VOA							
PCB's in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB 1016 (Aroclor 1016)	ND	ug/kg	0.04	06/23/98	SJW	12674-11-2	
PCB 1221 (Aroclor 1221)	ND	ug/kg	0.09	06/23/98	SJW	11104-28-2	
PCB 1232 (Aroclor 1232)	ND	ug/kg	0.03	06/23/98	SJW	11141-16-5	
PCB 1242 (Aroclor 1242)	ND	ug/kg	0.03	06/23/98	SJW	53469-21-9	
PCB 1248 (Aroclor 1248)	ND	ug/kg	0.03	06/23/98	SJW	12672-29-6	
PCB 1254 (Aroclor 1254)	ND	ug/kg	0.03	06/23/98	SJW	11097-69-1	
PCB 1260 (Aroclor 1260)	ND	ug/kg	0.03	06/23/98	SJW	11096-82-5	
Tetrachloro-m-xylene (S)	105	%		06/23/98	SJW	877-09-8	
Decachlorobiphenyl (S)	141	%		06/23/98	SJW	2051-24-3	
Date Extracted				06/22/98			
GC/MS -- VOA							
GC/MS Volgs by 8260		Method: EPA 8260				Prep Method: EPA 5030	
Dichlorodifluoromethane	ND	ug/kg	5	07/06/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/06/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/06/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/06/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/06/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/06/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/06/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/06/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/06/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/06/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/06/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/06/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	78-87-5	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	75-27-4	

Data Project Number: 1079
Client Project ID: 980616.05

Lab Sample No: 1980822
Client Sample ID: TP4 2' 4.0

Date Collected: 06/17/98
Date Received: 06/17/98

Matrix: Soil

Compound	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/06/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/06/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/06/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/06/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/06/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/06/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/06/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/06/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/06/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/06/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/06/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/06/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/06/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/06/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	135-98-8	
para-Isopropyltoluene	ND	ug/kg	5	07/06/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/06/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/06/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/06/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	87-61-6	
trans-1,4-Dichloro-2-butene	ND	ug/kg	5	07/06/98	TAW	110-57-6	
cis-1,4-Dichloro-2-butene	ND	ug/kg	5	07/06/98	TAW	1476-11-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/06/98	TAW	110-75-8	
Acetone	24	ug/kg	20	07/06/98	TAW	67-64-1	1,4
2-Butanone	ND	ug/kg	10	07/06/98	TAW	78-93-3	

Page Project Number: 10979
Client Project ID: 98014-05

Lab Sample No: 10686822
Client Sample ID: TP04 2 4.0

Date Collected: 06/15/98
Date Received: 06/17/98
Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/06/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/06/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/06/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/06/98	TAW	108-05-4	
Methyl tert-butyl Ether	ND	ug/kg	5	07/06/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/06/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/06/98	TAW	108-20-3	
Ethyl tert-butyl ether	ND	ug/kg	5	07/06/98	TAW	637-92-3	
Tert Amylmethyl ether	ND	ug/kg	5	07/06/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/06/98	TAW	75-65-0	
Dibromofluoromethane-d6 (S)	96	%		07/06/98	TAW	1868-53-7	11
Toluene-d8 (S)	96	%		07/06/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	96	%		07/06/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%		07/06/98	TAW	17060-07-0	

Base Project Number: 187079
Client Project ID: 9804[illegible]

Lab Sample No: [illegible]
Client Sample ID: TP04-2 5.0

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: Soil

Parameter	Results	Units	PQL	Analyzed	Analyst	CAS#	Reference

GC - Semi VOA

Polych ro Biph, Low Level	Method: EPA 8080				Prep Method: EPA 3550	
PCB 1016 (Aroclor 1016)	ND	mg/kg	0.041	06/23/98	SUW	12674-11-2
PCB 1221 (Aroclor 1221)	ND	mg/kg	0.041	06/23/98	SUW	11104-28-2
PCB 1232 (Aroclor 1232)	ND	mg/kg	0.041	06/23/98	SUW	11141-16-5
PCB 1242 (Aroclor 1242)	ND	mg/kg	0.041	06/23/98	SUW	53469-21-9
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.041	06/23/98	SUW	12672-29-6
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.041	06/23/98	SUW	11097-69-1
PCB 1260 (Aroclor 1260)	ND	mg/kg	0.041	06/23/98	SUW	11096-82-5
Tetrachloro-meta-xylene (S)	112	%		06/23/98	SUW	877-09-8
Decachlorobiphenyl (S)	107	%		06/23/98	SUW	2051-24-3
Date Extracted				06/17/98		

GC/MS - VOA

Purge VOCs by 8260	Method: EPA 8260				Prep Method: EPA 5030	
Dichlorodifluoromethane	ND	ug/kg	5	07/06/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/06/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/06/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/06/98	TAW	74-83-9
Chloroethane	ND	ug/kg	5	07/06/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/06/98	TAW	75-69-4
Methylene Chloride	ND	ug/kg	5	07/06/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	75-35-4
Trans 1,2 Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-60-5
1,1 Dichloroethane	ND	ug/kg	5	07/06/98	TAW	75-34-3
2,2 Dichloropropane	ND	ug/kg	5	07/06/98	TAW	594-20-7
cis-1,2 Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/06/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/06/98	TAW	74-97-5
1,1,1 Trichloroethane	ND	ug/kg	5	07/06/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/06/98	TAW	56-23-5
1,1 Dichloropropene	ND	ug/kg	5	07/06/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/06/98	TAW	71-43-2
1,2 Dichloroethane	ND	ug/kg	5	07/06/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/06/98	TAW	79-01-6
1,2 Dichloropropane	ND	ug/kg	5	07/06/98	TAW	78-87-5
Dibromodichloromethane	ND	ug/kg	5	07/06/98	TAW	75-27-4

Data Project Number: 107979
Client Project ID: 980616 QA

Lab Sample No: 1806850
Client Sample ID: TP14 2-5.0

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: Soil

Analyte	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/06/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/06/98	TAW	108-88-3	
1,1,2 Trichloroethane	ND	ug/kg	5	07/06/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/06/98	TAW	127-18-4	
1,3 Dichloropropane	ND	ug/kg	5	07/06/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/06/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/06/98	TAW	108-90-7	
1,1,1,2 Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/06/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/06/98	TAW	179606-42-3	
O-Xylene (1,2 Dimethylbenzene)	ND	ug/kg	5	07/06/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/06/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/06/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/06/98	TAW	98-82-8	
1,1,2,2 Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/06/98	TAW	108-86-1	
1,2,3 Trichloropropane	ND	ug/kg	5	07/06/98	TAW	96-18-4	
N Propylbenzene	ND	ug/kg	5	07/06/98	TAW	103-65-1	
2 Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	95-49-8	
1,3,5 Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	108-67-8	
4 Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	106-43-4	
1,2,4 Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	95-63-6	
Sec Butylbenzene	ND	ug/kg	5	07/06/98	TAW	135-98-8	
Tert Butylbenzene	ND	ug/kg	5	07/06/98	TAW	98-06-6	
P-Isopropyltoluene	ND	ug/kg	5	07/06/98	TAW	99-87-6	
1,3 Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	541-73-1	
1,4 Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	106-46-7	
N Butylbenzene	ND	ug/kg	5	07/06/98	TAW	104-51-8	
1,2 Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	95-50-1	
1,2 Dibromo-3 Chloropropane	ND	ug/kg	5	07/06/98	TAW	96-12-8	
1,2,4 Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/06/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/06/98	TAW	91-20-3	
1,2,3 Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	87-61-6	
Trans 1,3 Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-02-6	
cis 1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-01-5	
2 Chloroethyl Vinyl Ether	ND	ug/kg	5	07/06/98	TAW	110-75-8	
Acetone	ND	ug/kg	10	07/06/98	TAW	67-64-1	
2-Butanone	ND	ug/kg	10	07/06/98	TAW	78-93-3	

Date Project Number: 10799
Client Project ID: 940614-05

Lab Sample No: 1968048
Client Sample ID: TPH 2 5.0

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: Soil

Parameter	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/06/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/06/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/06/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/06/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/06/98	TAW	1634-04-4	
Xylenes	ND	ug/kg	5x9	07/06/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/06/98	TAW	108-20-3	
Ethyl tert-butyl ether	ND	ug/kg	5	07/06/98	TAW	637-92-3	
Tert-Amylmethyl ether	ND	ug/kg	5	07/06/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/06/98	TAW	75-65-0	
Dibromofluoromethane (S)	98	%		07/06/98	TAW	1868-53-7	12
Toluene-d8 (S)	103	%		07/06/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	98	%		07/06/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%		07/06/98	TAW	17060-07-0	

Para Project Number: 107929
Client Project ID: 98061m 0%

Para Sample No: 106980848 Date Collected: 06/15/98 Matrix: Soil
Client Sample ID: Trip 1 0 Date Received: 06/17/98

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Reference
GC/MS -- Semi VOA							
Semivolatiles Organics		Method: EPA 8270			Prep Method: EPA 3550		
Phenol	4.0	ug/kg	330	06/24/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	06/24/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	06/24/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	06/24/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	06/24/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/24/98	SAC	108-60-1	
4-Methylphenol	ND	ug/kg	330	06/24/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/24/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	06/24/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	06/24/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	06/24/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	06/24/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	06/24/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	06/24/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/24/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	06/24/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	06/24/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	06/24/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	06/24/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	06/24/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	06/24/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	06/24/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	06/24/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	06/24/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	06/24/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	06/24/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	06/24/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	06/24/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	06/24/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	06/24/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	06/24/98	SAC	51-28-5	

Pace Project Number: 10777
Client Project ID: 980614 05

Pace Sample No: 1868848 Date Collected 06/15/98 Matrix Soil
Client Sample ID: TP34 1 5 Date Received 06/17/98

Analytes	Results	Units	PQL	Analyzed	Analyst	CAS#	Qualifiers
4 Nitrophenol	ND	ug/kg	1600	06/24/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	06/24/98	SAC	132-64-9	
2,4 Dinitrotoluene	ND	ug/kg	330	06/24/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	06/24/98	SAC	84-66-2	
4 Chlorophenyl phenylether	ND	ug/kg	330	06/24/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	06/24/98	SAC	86-73-7	
4 Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	100-01-6	
4,6 Dinitro 2 methylphenol	ND	ug/kg	1600	06/24/98	SAC	534-52-1	
N Nitrosodiphenylamine	ND	ug/kg	330	06/24/98	SAC	86-30-6	
4 Bromophenyl phenylether	ND	ug/kg	330	06/24/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	06/24/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1,600	06/24/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	06/24/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	06/24/98	SAC	120-12-7	
Di n-butylphthalate	ND	ug/kg	330	06/24/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	06/24/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	06/24/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	06/24/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	06/24/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	06/24/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	06/24/98	SAC	218-01-9	
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	06/24/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	06/24/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	06/24/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	06/24/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	06/24/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	06/24/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	06/24/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	06/24/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	72	%		06/24/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	76	%		06/24/98	SAC	321-60-8	
Terphenyl-d14 (S)	89	%		06/24/98	SAC	1718-51-0	
Phenol-d6 (S)	81	%		06/24/98	SAC	13127-88-3	
2-Fluorophenol (S)	72	%		06/24/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	88	%		06/24/98	SAC	118-79-6	
Date Extracted				06/19/98			

Data Project Number: 167979
Client Project ID: 900616-05

Date Sampled: 06/16/98 Date Collected: 06/17/98 Matrix: Soil
Client Sample ID: TP04 1 1.0 Date Received: 06/17/98

Constituent	Result	Units	PQL	Analyzed	Analyst	CAS#	Reference
GC/MS Semi VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3510		
Phenol	ND	ug/kg	330	06/24/98	SAC	108-95-2	
Bis(2-Chloroethyl)ether	ND	ug/kg	330	06/24/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	06/24/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	06/24/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	06/24/98	SAC	95-48-7	
Bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/24/98	SAC	108-60-1	
4-Methylphenol	ND	ug/kg	330	06/24/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/24/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	06/24/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	06/24/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	06/24/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	06/24/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	06/24/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	06/24/98	SAC	65-85-0	
Bis(2-Chloroethoxy)Methane	ND	ug/kg	330	06/24/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	06/24/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	06/24/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	06/24/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	06/24/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	06/24/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	06/24/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	06/24/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	06/24/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	06/24/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	06/24/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	06/24/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	06/24/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	06/24/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	06/24/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	06/24/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	06/24/98	SAC	51-28-5	

Test Project Number: 107229
Client Project ID: 980616.05

Lab Sample No: 1B08163
Client Sample ID: TTM4-1-1.0

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: Soil

Parameter	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnote
4 Nitrophenol	ND	ug/Kg	1600	06/24/98	SAC	100-02-7	
Dibenzofuran	ND	ug/Kg	330	06/24/98	SAC	132-64-9	
2,6 Dinitrotoluene	ND	ug/Kg	330	06/24/98	SAC	606-20-2	
Diethylphthalate	ND	ug/Kg	330	06/24/98	SAC	84-66-2	
4 Chlorophenyl phenylether	ND	ug/Kg	330	06/24/98	SAC	7005-72-3	
Fluorene	ND	ug/Kg	330	06/24/98	SAC	86-73-7	
4 Nitroaniline	ND	ug/Kg	1600	06/24/98	SAC	100-01-6	
4,6 Dinitro 2-methylphenol	ND	ug/Kg	1600	06/24/98	SAC	534-52-1	
N Nitrosodiphenylamine	ND	ug/Kg	330	06/24/98	SAC	86-30-6	
4 Bromophenyl-phenylether	ND	ug/Kg	330	06/24/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/Kg	330	06/24/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/Kg	1600	06/24/98	SAC	87-86-5	
Phenanthrene	ND	ug/Kg	330	06/24/98	SAC	85-01-8	
Anthracene	ND	ug/Kg	330	06/24/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/Kg	330	06/24/98	SAC	84-74-2	
Fluoranthene	ND	ug/Kg	330	06/24/98	SAC	206-44-0	
Pyrene	ND	ug/Kg	330	06/24/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/Kg	330	06/24/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/Kg	660	06/24/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/Kg	330	06/24/98	SAC	56-55-3	
Chrysene	ND	ug/Kg	330	06/24/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/Kg	330	06/24/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/Kg	330	06/24/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/Kg	330	06/24/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/Kg	330	06/24/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/Kg	330	06/24/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/Kg	330	06/24/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/Kg	330	06/24/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/Kg	330	06/24/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	95	%		06/24/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	95	%		06/24/98	SAC	321-60-8	
Terphenyl-d14 (S)	83	%		06/24/98	SAC	1718-51-0	
Phenol-d6 (S)	98	%		06/24/98	SAC	13127-88-3	
2-Fluorophenol (S)	70	%		06/24/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	92	%		06/24/98	SAC	118-79-6	
Date data solved				06/29/98			

Paces Project Number: 107929
Client Project ID: 980419-05

Lab Sample No: 1060863
Client Sample ID: TH14-1-5.0

Date Collected: 06/17/98
Date Received: 06/17/98

Matrix: Soil

Analyte	Results	Units	PQL	Analyzed	Analyst	CAS#	Reference
GC/MS Semi VOA							
Semivolatile Organics		Method: EPA 8270				Prep Method: EPA 3550	
Phenol	ND	ug/kg	330	06/24/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	06/24/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	06/24/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	06/24/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	06/24/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/24/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	06/24/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/24/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	06/24/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	06/24/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	06/24/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	06/24/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	06/24/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	06/24/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/24/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	06/24/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	06/24/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	06/24/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	06/24/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	06/24/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	06/24/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	06/24/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	06/24/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	06/24/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	06/24/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	06/24/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	06/24/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	06/24/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	06/24/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	06/24/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	06/24/98	SAC	51-28-5	

Data Project No: 10979
Client Project ID: 980616 P.

Lab Sample No: 1960464
Client Sample ID: PTM4-1 5.0

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	06/24/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	06/24/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	06/24/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	06/24/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	06/24/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	06/24/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	06/24/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	06/24/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	06/24/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	06/24/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	06/24/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	06/24/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	06/24/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	06/24/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	06/24/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	06/24/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	06/24/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	06/24/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	06/24/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	06/24/98	SAC	218-01-9	
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	06/24/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	06/24/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	06/24/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	06/24/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	06/24/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	06/24/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	06/24/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	06/24/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	72	%		06/24/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	71	%		06/24/98	SAC	321-60-8	
Terphenyl-d14 (S)	82	%		06/24/98	SAC	1718-51-0	
Phenol-d6 (S)	78	%		06/24/98	SAC	13127-88-3	
2-Fluorophenol (S)	69	%		06/24/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	84	%		06/24/98	SAC	118-79-6	
Date Extracted				06/19/98			

Work Project Number: 109294
Client Project ID: 9806106-05

Lab Sample No: 10d1847]
Client Sample ID: PTH4-1.5

Date Collected: 06/17/98
Date Received: 06/17/98

Matrix: Soil

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes

GC/MS -- Semi-VOA

Semivolatile Organics:	Method: EPA 8270				Prep Method: EPA 3550	
Phenol	150	ug/kg	330	06/24/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	06/24/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	06/24/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	06/24/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	06/24/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/24/98	SAC	39638-32-9
4-Methylphenol	ND	ug/kg	330	06/24/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/24/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	06/24/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	06/24/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	06/24/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	06/24/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	06/24/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	06/24/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/24/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	06/24/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	06/24/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	06/24/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	06/24/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	06/24/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	06/24/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	06/24/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	330	06/24/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	06/24/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	06/24/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	06/24/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	06/24/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	06/24/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	06/24/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	06/24/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	06/24/98	SAC	51-28-5

Data Project Number: 10919
Client Project ID: 980616 D5

Lab Sample No: 10616171
Client Sample ID: 7911 1 5

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: Soil

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	06/24/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	06/24/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	06/24/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	06/24/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	06/24/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	06/24/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	06/24/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	06/24/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	06/24/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	06/24/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	06/24/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	06/24/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	06/24/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	06/24/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	06/24/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	06/24/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	06/24/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	06/24/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	06/24/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	06/24/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	06/24/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	06/24/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	06/24/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	06/24/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	06/24/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	06/24/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	06/24/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	06/24/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	70	%		06/24/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	70	%		06/24/98	SAC	321-60-8	
Terphenyl-d14 (S)	81	%		06/24/98	SAC	1718-51-0	
Phenol-d6 (S)	38	%		06/24/98	SAC	13127-88-3	
2-Fluorophenol (S)	66	%		06/24/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	67	%		06/24/98	SAC	118-79-6	
Date Extracted				06/19/98			

Duke Project Number: 19799
Client Project ID: 900010.05

Lab Sample No: 19606889 Date Collected: 06/15/98 Matrix: Soil
Client Sample ID: TP13 1 4.0 Date Received: 06/17/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes

GC/MS Semi-VOA

Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550	
Phenol	420	ug/kg	330	06/24/98	SAC	108-95-2
Bis(2-Chloroethyl)ether	ND	ug/kg	330	06/24/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	06/24/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	06/24/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	06/24/98	SAC	95-48-7
Bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/24/98	SAC	39638-32-9
4-Methylphenol	ND	ug/kg	330	06/24/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/24/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	06/24/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	06/24/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	06/24/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	06/24/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	06/24/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	06/24/98	SAC	65-85-0
Bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/24/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	06/24/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	06/24/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	06/24/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	06/24/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	06/24/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	06/24/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	06/24/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	330	06/24/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	06/24/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	06/24/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	06/24/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	06/24/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	06/24/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	06/24/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	06/24/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	06/24/98	SAC	51-28-5

Data Project Number: 10979
Client Project ID: 980616 H

Lab Sample No: 1980949
Client Sample ID: PZ51 1 1.0

Date Collected: 06/16/98
Date Received: 06/17/98

Matrix: SOIL

Parameter	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
4 Nitrophenol	ND	ug/kg	1600	06/24/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	06/24/98	SAC	132-64-9	
2,4 Dinitrotoluene	ND	ug/kg	330	06/24/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	06/24/98	SAC	84-66-2	
4 Chlorophenyl-phenylether	ND	ug/kg	330	06/24/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	06/24/98	SAC	86-73-7	
4 Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	100-01-6	
4,6 Dinitro 2-methylphenol	ND	ug/kg	1600	06/24/98	SAC	534-52-1	
N Nitrosodiphenylamine	ND	ug/kg	330	06/24/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	06/24/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	06/24/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	06/24/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	06/24/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	06/24/98	SAC	120-12-7	
Di n Butylphthalate	ND	ug/kg	330	06/24/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	06/24/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	06/24/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	06/24/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	06/24/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	06/24/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	06/24/98	SAC	218-01-9	
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	06/24/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	06/24/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	06/24/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	06/24/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	06/24/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	06/24/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	06/24/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	06/24/98	SAC	191-24-2	
Nitrobenzene-D5 (S)	72	%		06/24/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	78	%		06/24/98	SAC	321-60-8	
Terphenyl-d14 (S)	87	%		06/24/98	SAC	1718-51-0	
Phenol-d6 (S)	76	%		06/24/98	SAC	13127-88-3	
2-Fluorophenol (S)	61	%		06/24/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	97	%		06/24/98	SAC	118-79-6	
Date Extracted				06/19/98			

DATE: 07/07/98
PAGE: 41

Base Project Number: 10212.0
Client Project ID: 2006(h-05)

Lab Sample No: 1068807
Client Sample ID: TP8.5 (-.-)

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: Soil

Parameters	Result	Units	PRL	Analyzed	Analyst	CAS#	Footnotes

GC/MS - Semi VOA

Semivolatile Organics Method: EPA 8270 Prep Method: EPA 3550

Phenol	ND	ug/kg	440	06/24/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	440	06/24/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	440	06/24/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	440	06/24/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	440	06/24/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	06/24/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	440	06/24/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	440	06/24/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	440	06/24/98	SAC	39638-32-9
4-Methylphenol	ND	ug/kg	440	06/24/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	440	06/24/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	440	06/24/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	440	06/24/98	SAC	98-95-3
Isophorone	ND	ug/kg	440	06/24/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	440	06/24/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	440	06/24/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	06/24/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	440	06/24/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	440	06/24/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	440	06/24/98	SAC	120-82-1
Naphthalene	ND	ug/kg	440	06/24/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	06/24/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	440	06/24/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	06/24/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	440	06/24/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	440	06/24/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	440	06/24/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	440	06/24/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	440	06/24/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	440	06/24/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	440	06/24/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	440	06/24/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	440	06/24/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	06/24/98	SAC	51-28-5

Base Project Number: 197979
Client Project ID: 9865516 04

Lab Sample No: 10n8R97
Client Sample ID: TTPA 1-5.0

Date Collected: 06/19/98
Date Received: 06/17/98

Matrix: Soil

Parameter	Results	Units	RDL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	06/24/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	440	06/24/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	440	06/24/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	440	06/24/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	440	06/24/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	440	06/24/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	06/24/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	440	06/24/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	440	06/24/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	440	06/24/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	06/24/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	440	06/24/98	SAC	85-01-8	
Anthracene	ND	ug/kg	440	06/24/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	440	06/24/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	440	06/24/98	SAC	206-44-0	
Pyrene	ND	ug/kg	440	06/24/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	440	06/24/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1600	06/24/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	440	06/24/98	SAC	56-55-3	
Chrysene	ND	ug/kg	440	06/24/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	440	06/24/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	440	06/24/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	440	06/24/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	440	06/24/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	440	06/24/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	440	06/24/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	440	06/24/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	440	06/24/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	74	%		06/24/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	84	%		06/24/98	SAC	321-60-8	
Terphenyl-d14 (S)	94	%		06/24/98	SAC	1718-51-0	
Phenol-d6 (S)	81	%		06/24/98	SAC	13127-88-3	
2-Fluorophenol (S)	75	%		06/24/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	76	%		06/24/98	SAC	118-79-6	
Date Extracted				06/19/98			

Data Project Number: 10799
Client Project ID: 9805-06

Lab Sample No: 10881095
Client Sample ID: TP02-1-S

Date Collected: 06/19/98
Date Received: 06/22/98

Matrix: Soil

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC/MS	Semi-VOA						
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	470	ug/kg	330	06/26/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	06/26/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	06/26/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	06/26/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	06/26/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	06/26/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	06/26/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	06/26/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/26/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	06/26/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/26/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	06/26/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	06/26/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	06/26/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	06/26/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	06/26/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	06/26/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/26/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	06/26/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	06/26/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	06/26/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	06/26/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	06/26/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	06/26/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	06/26/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	06/26/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	06/26/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	06/26/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	06/26/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	06/26/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	06/26/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	06/26/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	06/26/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	06/26/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	06/26/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	06/26/98	SAC	51-28-5	

Date Project Number: 137929
Client Project ID: 990616 01

Lab Sample No: 106000-005
Client Sample ID: TP20-1.5

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: SOIL

Parameter	Result	Units	PRL	Analyzed	Analyst	CAS#	Footnote
4-Nitrophenol	ND	ug/kg	1600	06/26/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	06/26/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	06/26/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	06/26/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	06/26/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	06/26/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	06/26/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	06/26/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	06/26/98	SAC	86-30-6	
4-Bromophenyl phenylether	ND	ug/kg	330	06/26/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	06/26/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	06/26/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	06/26/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	06/26/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	06/26/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	06/26/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	06/26/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	06/26/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	06/26/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	06/26/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	06/26/98	SAC	218-01-9	
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	06/26/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	06/26/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	06/26/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	06/26/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	06/26/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	06/26/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	06/26/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	06/26/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	78	%		06/26/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	75	%		06/26/98	SAC	321-60-8	
Terphenyl-d14 (S)	119	%		06/26/98	SAC	1718-51-0	
Phenol-d6 (S)	86	%		06/26/98	SAC	13127-88-3	
2-Fluorophenol (S)	76	%		06/26/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	79	%		06/26/98	SAC	118-79-6	
Date Extracted				06/19/98			

Para Project Number: 10779
Client Project ID: 98361.05

Lab Sample No: 10480[3]
Client Sample ID: TTMW-1-8.0

Date Collected: 06/15/98
Date Received: 06/17/98
Matrix: Soil

Parameter	Result	Units	PRL	Analyzed	Analyst	CAS#	Footnotes

SC/MS = Semi-VOA

Semivolatile Organics	Method: EPA 8270			Prep Method: EPA 3550		
Phenol	410	ug/kg	330	06/24/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	06/24/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	06/24/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	06/24/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	06/24/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/24/98	SAC	108-60-1
4-Methylphenol	ND	ug/kg	330	06/24/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/24/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	06/24/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	06/24/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	06/24/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	06/24/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	06/24/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	06/24/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/24/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	06/24/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	06/24/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	06/24/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	06/24/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	06/24/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	06/24/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	06/24/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	330	06/24/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	06/24/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	06/24/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	06/24/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	06/24/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	06/24/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	06/24/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	06/24/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	06/24/98	SAC	51-28-5

Para Project Number: 107979
Client Project ID: 980616 0.

Lab Sample No: 106601J
Client Sample ID: TMW2 1-3.0

Date Collected: 06/16/98
Date Received: 06/17/98
Matrix: Soil

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
mg/Kg - Semi-VOA							
Semivolatile Organics		Method: EPA 8270				Prep Method: EPA 3550	
Phenol	410	ug/kg	330	06/24/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	06/24/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	06/24/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	06/24/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	06/24/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/24/98	SAC	108-60-1	
4-Methylphenol	ND	ug/kg	330	06/24/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/24/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	06/24/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	06/24/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	06/24/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	06/24/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	06/24/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	06/24/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/24/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	06/24/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	06/24/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	06/24/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	06/24/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	06/24/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	06/24/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	06/24/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	06/24/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	06/24/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	06/24/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	06/24/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	06/24/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	06/24/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	06/24/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	06/24/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	06/24/98	SAC	51-28-5	

Data Project Number: 102979
Client Project ID: 980616-05

Lab Sample No: 12480911
Client Sample ID: TP12 1-1.0

Date Collected: 06/17/98
Date Received: 06/17/98

Matrix: (Soil)

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	06/24/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	110	06/24/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	110	06/24/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	110	06/24/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	110	06/24/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	110	06/24/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	06/24/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	06/24/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	06/24/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	06/24/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	06/24/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	110	06/24/98	SAC	85-01-8	
Anthracene	ND	ug/kg	110	06/24/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	110	06/24/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	110	06/24/98	SAC	206-44-0	
Pyrene	ND	ug/kg	110	06/24/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	110	06/24/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	06/24/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	06/24/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	06/24/98	SAC	218-01-9	
Bis(2-ethylhexyl)phthalate	ND	ug/kg	330	06/24/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	06/24/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	06/24/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	06/24/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	06/24/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	06/24/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	06/24/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	06/24/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	64	%		06/24/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	69	%		06/24/98	SAC	321-60-8	
Terphenyl-d14 (S)	40	%		06/24/98	SAC	1718-51-0	
Phenol-d6 (S)	69	%		06/24/98	SAC	13127-88-3	
2-Fluorophenol (S)	61	%		06/24/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	71	%		06/24/98	SAC	118-79-6	
Date Extracted				06/19/98			

Base Project Number: 102028
Client Project ID: 9806.16.01

Lab Sample No: 13610721
Client Sample ID: TP10-1 (0-2)

Date Collected: 06/17/98
Date Received: 06/17/98
Matrix: Soil

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes

GC/MS Semi VOA

Semivolatiles Organics	Method: EPA 8270				Prep Method: EPA 3550	
Phenol	640	ug/kg	330	06/24/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	06/24/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	06/24/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	06/24/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	06/24/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	06/24/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/24/98	SAC	39638-32-9
4-Methylphenol	ND	ug/kg	330	06/24/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/24/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	06/24/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	06/24/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	06/24/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	06/24/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	06/24/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	06/24/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/24/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	06/24/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	06/24/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	06/24/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	06/24/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	06/24/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	06/24/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	06/24/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	330	06/24/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	06/24/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	06/24/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	06/24/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	06/24/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	06/24/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	06/24/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	06/24/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	06/24/98	SAC	51-28-5

Data Project Number: 207979
Client Project ID: 980626-05

Lab Sample No: L0806121
Client Sample ID: PPM 1-5-0

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: Soil

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	06/24/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	110	06/24/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	110	06/24/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	110	06/24/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	110	06/24/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	110	06/24/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	06/24/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	06/24/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	110	06/24/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	110	06/24/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	06/24/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	06/24/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	06/24/98	SAC	85-01-8	
Anthracene	ND	ug/kg	110	06/24/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	550	06/24/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	06/24/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	06/24/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	06/24/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	06/24/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	110	06/24/98	SAC	56-55-3	
Chrysene	ND	ug/kg	110	06/24/98	SAC	218-01-9	
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	06/24/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	06/24/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	06/24/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	06/24/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	06/24/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	06/24/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	06/24/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	06/24/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	73	%		06/24/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	77	%		06/24/98	SAC	321-60-8	
Terphenyl-d14 (S)	87	%		06/24/98	SAC	1718-51-0	
Phenol-d6 (S)	96	%		06/24/98	SAC	13127-88-3	
2-Fluorophenol (S)	78	%		06/24/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	87	%		06/24/98	SAC	118-79-6	
Base/Neutral				06/29/98			

Data Project Number: 16929
Client Project ID: 980616-30

Lab Sample No: 16929-9
Client Sample ID: TP97-2 @

Date Collected: 06/16/98
Date Received: 06/17/98
Matrix: SOIL

Parameter	Result	Units	PRL	Analyzed	Analyst	CAS#	Footnotes

CW = Dean VOA

PCBs in Soil, Low Level	Method: EPA 8082					Prep Method: EPA 3550	
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.01	06/24/98	SJW	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.01	06/24/98	SJW	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.01	06/24/98	SJW	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.01	06/24/98	SJW	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.01	06/24/98	SJW	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.01	06/24/98	SJW	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.01	06/24/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	80	%		06/24/98	SJW	877-09-8	
Decachlorobiphenyl (S)	99	%		06/24/98	SJW	2051-24-3	
Date Extracted				06/17/98			

GC/MS VOA

GC/MS VOCs by 8260	Method: EPA 8260					Prep Method: EPA 5030	
Dichlorodifluoromethane	ND	ug/kg	5	06/29/98	DAC	75-71-8	
Chloromethane	ND	ug/kg	5	06/29/98	DAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	06/29/98	DAC	75-01-4	
Bromomethane	ND	ug/kg	5	06/29/98	DAC	74-83-9	
Chloroethane	ND	ug/kg	5	06/29/98	DAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	06/29/98	DAC	75-69-4	
Methylene Chloride	ND	ug/kg	5	06/29/98	DAC	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	06/29/98	DAC	75-35-4	
Total 1,2-Dichloroethene	ND	ug/kg	5	06/29/98	DAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	06/29/98	DAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	06/29/98	DAC	590-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	DAC	156-59-2	
Chloroform	ND	ug/kg	5	06/29/98	DAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	06/29/98	DAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	06/29/98	DAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	06/29/98	DAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	06/29/98	DAC	563-58-6	
Benzene	ND	ug/kg	5	06/29/98	DAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	06/29/98	DAC	107-06-2	
Trichloroethene	ND	ug/kg	5	06/29/98	DAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	06/29/98	DAC	78-87-5	
Dibromomethane	ND	ug/kg	5	06/29/98	DAC	74-95-3	

Base Project Number: 107979
Client Project ID: 9806-Un-05

Lab Sample No: L0686749
Client Sample ID: TP87-2 S

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: Soil

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnote
Dibromomethane	ND	ug/kg	5	06/29/98	SAC	74-95-3	
Toluene	19	ug/kg	5	06/29/98	SAC	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	06/29/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	06/29/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	06/29/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	06/29/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	06/29/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	630-20-6	
Ethylbenzene	450	ug/kg	5	06/29/98	SAC	100-41-4	
M&P Xylene	1800	ug/kg	25	06/29/98	SAC	7816-60-0	
O Xylene (1,2 Dimethylbenzene)	860	ug/kg	25	06/29/98	SAC	95-47-6	
Styrene	7.5	ug/kg	5	06/29/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	06/29/98	SAC	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	06/29/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	06/29/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	06/29/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	06/29/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	17	ug/kg	5	06/29/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	95-63-6	
tert-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	135-98-8	
sec-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	06/29/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	06/29/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	06/29/98	SAC	87-68-3	
Naphthalene	6.9	ug/kg	5	06/29/98	SAC	91-20-3	1
1,2,3-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	06/29/98	SAC	110-75-8	
Acetone	41	ug/kg	20	06/29/98	SAC	67-64-1	5
2-Butanone	ND	ug/kg	10	06/29/98	SAC	78-93-3	

Data Project Number: 10919
Client Project ID: 980616-SV

Lab Sample No:	10919-19	Date Collected:	06/15/98	Matrix:	SOIL
Client Sample ID:	TP17 2-3	Date Received:	06/17/98		

Parameter	Result	Units	MRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	06/29/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	06/29/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	06/29/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	06/29/98	SAC	108-05-4	
Methyl tert-butyl Ether	ND	ug/kg	5	06/29/98	SAC	1634-04-4	
Styrene	ND	ug/kg	500	06/29/98	SAC	100-42-5	
Dichlorodifluoromethane	ND	ug/kg	5	06/29/98	SAC	75-71-8	
Acetone	ND	ug/kg	5	06/29/98	SAC	67-64-1	
Carbon Tetrachloride	ND	ug/kg	5	06/29/98	SAC	56-23-5	
Vinyl Chloride	ND	ug/kg	100	06/29/98	SAC	75-01-4	
Bromochloromethane	110	%		06/29/98	SAC	74-97-5	
Toluene-d8 (S)	96	%		06/29/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	78	%		06/29/98	SAC	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%		06/29/98	SAC	17060-07-0	5,7,14

DATE: 07/29/98
PAGE: 52

Data Project Number: 107079
Client Project ID: 980616 05

Lab Sample No: 10486997
Client Sample ID: TT17-2-1.0

Date Collected: 06/16/98
Date Received: 06/17/98

Matrix: Soil

Parameter	Results	Units	MDL	Analyzed	Analyst	CAS#	Footnotes
GC - Semi VOA							
PCBs in Soil, Low Level		Method: EPA 8080			Prep Method: EPA 3550		
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.03	06/23/98	SAW	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.03	06/23/98	SAW	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.03	06/23/98	SAW	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.04	06/23/98	SAW	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.04	06/23/98	SAW	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.01	06/23/98	SAW	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.03	06/23/98	SAW	11096-82-5	
Tetrachloro-meta-xylene (S)	94	%		06/23/98	SAW	877-09-8	
Decachlorobiphenyl (S)	92	%		06/23/98	SAW	2051-24-3	
Date Extracted				06/17/98			
GC/MS - VOA							
GC/MS Voas by 8260		Method: EPA 8260			Prep Method: EPA 5030		
Dichlorodifluoromethane	ND	ug/kg	5	06/29/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	06/29/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	06/29/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	06/29/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	06/29/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	06/29/98	SAC	75-69-4	
Methylene Chloride	14	ug/kg	5	06/29/98	SAC	75-09-2	J
1,1-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	06/29/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	06/29/98	SAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	06/29/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	06/29/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	06/29/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	06/29/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	78-87-5	
Dibromochloromethane	ND	ug/kg	5	06/29/98	SAC	75-27-4	

Data Project Number: 10279
Client Project ID: 9806[illegible]

Lab Sample ID: 10605942
Client Sample ID: TW7 2 5.0

Date Collected: 06/15/98
Date Received: 06/17/98
Matrix: Soil

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dichlorodifluoromethane	ND	ug/kg	5	06/29/98	SAC	75-71-8	
Trifluoro-	4.3	ug/kg	5	06/29/98	SAC	104-86-5	7
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5	06/29/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	06/29/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	06/29/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	06/29/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	06/29/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	630-20-6	
Ethylbenzene	9.8	ug/kg	5	06/29/98	SAC	100-41-4	
M&P Xylene	44	ug/kg	5	06/29/98	SAC	7616-60-0	
O Xylene (1,2 Dimethylbenzene)	18	ug/kg	5	06/29/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	06/29/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	06/29/98	SAC	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	06/29/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	06/29/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	06/29/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	06/29/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	95-63-6	
Sec-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	135-98-8	
Tert-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	98-06-6	
P-Isopropyltoluene	ND	ug/kg	5	06/29/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	106-46-7	
N-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	06/29/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	06/29/98	SAC	87-68-3	
Naphthalene	6.4	ug/kg	5	06/29/98	SAC	91-20-3	1
1,2,3-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	87-61-6	
Trans-1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	06/29/98	SAC	110-75-8	
Acetone	21	ug/kg	20	06/29/98	SAC	67-64-1	4,6
2-Butanone	ND	ug/kg	10	06/29/98	SAC	78-93-3	

Data Project Number: 10779
Client Project ID: 900616-05

Lab Sample No: [illegible]
Client Sample ID: TP97 S-1,d

Date Collected: 06/15/98
Date Received: 06/17/98
Matrix: SOIL

Parameters	Results	Units	RDL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-pentanone	ND	ug/kg	10	06/29/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	06/29/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	06/29/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	200	06/29/98	SAC	108-05-4	
Methyl tert-butyl Ether	ND	ug/kg	5	06/29/98	SAC	1634-04-4	
Styrene	ND	ug/kg	500	06/29/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	06/29/98	SAC	108-20-3	
Ethyl tert-butyl ether	ND	ug/kg	5	06/29/98	SAC	637-92-3	
Tert-Amylmethyl ether	ND	ug/kg	5	06/29/98	SAC	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	200	06/29/98	SAC	75-65-0	
Dibromofluoromethane (S)	98	%		06/29/98	SAC	1868-53-7	
Toluene-d8 (S)	93	%		06/29/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	88	%		06/29/98	SAC	460-00-4	
1,2-Dichloroethane-d4 (S)	84	%		06/29/98	SAC	17060-07-0	

DATE: 07/29/98
PAGE: 50

Penn Project Number: 107479
Client Project ID: 98Gels 01

Lab Sample No: 1906704
Client Sample ID: TP87 2 5.0

Date Collected: 06/19/98
Date Received: 06/17/98

Matrix: Soil

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC - Gens VOA							
PCB'S in Soil, low level		Method: EPA 8081			Prep Method: EPA 3550		
PCB 1016 (Aroclor 1016)	ND	mg/kg	0.03	06/23/98	SAW	12674-11-2	
PCB 1221 (Aroclor 1221)	ND	mg/kg	0.03	06/23/98	SAW	11104-28-2	
PCB 1232 (Aroclor 1232)	ND	mg/kg	0.03	06/23/98	SAW	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.03	06/23/98	SAW	53469-21-9	
PCB 1248 (Aroclor 1248)	ND	mg/kg	0.03	06/23/98	SAW	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.03	06/23/98	SAW	11097-69-1	
PCB 1260 (Aroclor 1260)	ND	mg/kg	0.03	06/23/98	SAW	11096-82-5	
Tetrachloro-m-xylene (S)	104	%		06/23/98	SAW	877-09-8	
Decachlorobiphenyl (S)	96	%		06/23/98	SAW	2051-24-3	
Date Extracted				06/17/98			
VOA	VOA						
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 5030		
Dichlorodifluoromethane	ND	ug/kg	5	06/24/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	06/29/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	06/29/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	06/29/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	06/29/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	06/29/98	SAC	75-69-4	
Methylene Chloride	ND	ug/kg	5	06/29/98	SAC	75-09-2	
1,1 Dichloroethene	ND	ug/kg	5	06/29/98	SAC	75-35-4	
trans 1,2 Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-60-5	
1,1 Dichloroethane	ND	ug/kg	5	06/29/98	SAC	75-34-3	
2,2 Dichloropropane	ND	ug/kg	5	06/29/98	SAC	594-20-7	
cis 1,2 Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	06/29/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	06/29/98	SAC	74-97-5	
1,1,1 Trichloroethane	ND	ug/kg	5	06/29/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	06/29/98	SAC	56-23-5	
1,1 Dichloropropene	ND	ug/kg	5	06/29/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	06/29/98	SAC	71-43-2	
1,2 Dichloroethane	ND	ug/kg	5	06/29/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	06/29/98	SAC	79-01-6	
1,2 Dichloropropane	ND	ug/kg	5	06/29/98	SAC	78-87-5	
Bromodichloromethane	ND	ug/kg	5	06/29/98	SAC	75-27-4	

Basic Project Number: 107979
Client Project ID: 980126.00

Lab Sample No: 196980-04
Client Sample ID: TRIP BLANK

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: Soil

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	06/29/98	SAC	74-95-3	
Toluene	ND	ug/kg	5	06/29/98	SAC	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	06/29/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	06/29/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	06/29/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	06/29/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	06/29/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	06/29/98	SAC	100-41-4	
M&P-Xylene	ND	ug/kg	5	06/29/98	SAC	7Mix-20-7	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	06/29/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	06/29/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	06/29/98	SAC	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	06/29/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	06/29/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	06/29/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	06/29/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	95-63-6	
tert-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	135-98-8	
sec-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	06/29/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	06/29/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	06/29/98	SAC	87-68-3	
Naphthalene	6.6	ug/kg	5	06/29/98	SAC	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	87-61-6	
Trans-1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	06/29/98	SAC	110-75-8	
Acetone	ND	ug/kg	250	06/29/98	SAC	67-64-1	
2-Butanone	ND	ug/kg	10	06/29/98	SAC	78-93-3	

Data Project Number: 10709
Client Project ID: 980616-B1

CC Sample No: 2088994
Test Sample ID: TMW 2 5.0

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4 Methyl 2-Pentanone	ND	ug/kg	10	06/29/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	06/29/98	SAC	75-15-0	
2 Hexanone	ND	ug/kg	100	06/29/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	06/29/98	SAC	108-05-4	
Methyl-tert butyl Ether [MTBE]	ND	ug/kg	5	06/29/98	SAC	1634-04-4	
Isopropyl Ether	ND	ug/kg	100	06/29/98	SAC	64-17-5	
Ethyl tert butyl ether	ND	ug/kg	5	06/29/98	SAC	100-20-1	
tert-Amylmethyl ether	ND	ug/kg	5	06/29/98	SAC	637-92-3	
2 Methyl-2-propanol	ND	ug/kg	100	06/29/98	SAC	994-05-8	
Dibromofluoromethane (S)	98	%		06/29/98	SAC	75-65-0	
Toluene-d8 (S)	92	%		06/29/98	SAC	1868-53-7	
4-Bromofluorobenzene (S)	84	%		06/29/98	SAC	2037-26-5	
1,2 Dichloroethane-d4 (S)	96	%		06/29/98	SAC	17060-07-0	5

New Project Number: 107179
Client Project ID: 000610 05

Lab Sample No: 10686962
Client Sample ID: TP108-4.0

Date Collected: 06/16/98
Date Received: 06/17/98

Matrix: SOIL

Parameter	Results	Units	PQL	Analyzed	Analyst	DANR	Description

GC - Semi-VOA

PCB's in Soil, Low Level

Method: EPA 8080

Prep Method: EPA 3540

PCB 1016 (Aroclor 1016)	ND	ug/kg	0.03	06/25/98	SAW	12674-11-2
PCB 1221 (Aroclor 1221)	ND	ug/kg	0.04	06/25/98	SAW	11104-28-2
PCB 1232 (Aroclor 1232)	ND	ug/kg	0.04	06/25/98	SAW	11141-16-5
PCB 1242 (Aroclor 1242)	ND	ug/kg	0.03	06/25/98	SAW	53469-21-9
PCB 1248 (Aroclor 1248)	ND	ug/kg	0.01	06/25/98	SAW	12672-29-6
PCB 1254 (Aroclor 1254)	ND	ug/kg	0.04	06/25/98	SAW	11097-69-1
PCB 1260 (Aroclor 1260)	ND	ug/kg	0.03	06/25/98	SAW	11096-82-5
Tetrachloro-meta-xylene (S)	108	%		06/25/98	SAW	877-09-8
Decachlorobiphenyl (S)	119	%		06/25/98	SAW	2051-24-3
Date Extracted				06/17/98		

GC/MS - VOA

GC/MS VOCs by 8260

Method: EPA 8260

Prep Method: EPA 5030

Dichlorodifluoromethane	ND	ug/kg	5	06/29/98	SAC	75-71-8
Chloromethane	ND	ug/kg	5	06/29/98	SAC	74-87-3
Vinyl Chloride	ND	ug/kg	5	06/29/98	SAC	75-01-4
Bromomethane	ND	ug/kg	5	06/29/98	SAC	74-83-9
Chloroethane	ND	ug/kg	5	06/29/98	SAC	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	06/29/98	SAC	75-69-4
Methylene Chloride	13	ug/kg	5	06/29/98	SAC	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-59-2
Chloroform	ND	ug/kg	5	06/29/98	SAC	67-66-3
Bromochloromethane	ND	ug/kg	5	06/29/98	SAC	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	06/29/98	SAC	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	06/29/98	SAC	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	563-58-6
Benzene	ND	ug/kg	5	06/29/98	SAC	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	107-06-2
Trichloroethene	ND	ug/kg	5	06/29/98	SAC	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	78-87-5
Dibromomethane	ND	ug/kg	5	06/29/98	SAC	74-95-3

DATE: 07/20/98
PAGE: 9

Work Request Number: 107179
Client Project ID: 980615.05

Water Sample No: 230969-2
Client Sample ID: PZ98-1-S

Date Collected: 06/17/98
Date Received: 06/17/98

Matrix: Solid

Parameter	Results	Units	PQL	Analyzed	Analyst	CAS #	Footnote
Dichlorodifluoromethane	ND	ug/kg	5	06/29/98	SAC	75-71-8	
Freon 114	ND	ug/kg	5	06/29/98	SAC	76-14-2	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5	06/29/98	SAC	108-88-3	
Trichlorofluoromethane	ND	ug/kg	5	06/29/98	SAC	75-01-4	
1,1-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	127-18-4	
Dibromochloromethane	ND	ug/kg	5	06/29/98	SAC	142-28-9	
1,2-Dibromoethane	ND	ug/kg	5	06/29/98	SAC	124-48-1	
Chlorobenzene	ND	ug/kg	5	06/29/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	06/29/98	SAC	100-41-4	
M&P-Xylene	ND	ug/kg	5	06/29/98	SAC	179-61-6	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	06/29/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	06/29/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	06/29/98	SAC	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	06/29/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	06/29/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	06/29/98	SAC	96-18-4	
N-Propylbenzene	ND	ug/kg	5	06/29/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	95-63-6	
Tert-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	98-06-6	
Sec-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	135-98-8	
P-Isopropyltoluene	ND	ug/kg	5	06/29/98	SAC	541-73-1	
1,3-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	106-46-7	
1,4-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	95-50-1	
N-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	06/29/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	06/29/98	SAC	87-68-3	
Naphthalene	ND	ug/kg	5	06/29/98	SAC	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	87-61-6	
Freon 113 (1,1,2-Trichlorotrifluoroethane)	ND	ug/kg	5	06/29/98	SAC	76-13-1	1
Freon 123 (1,1-Dichloro-2,2,2-Trifluoroethane)	ND	ug/kg	5	06/29/98	SAC	306-83-2	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	06/29/98	SAC	110-75-8	
Acrolein	ND	ug/kg	50	06/29/98	SAC	107-02-8	
2-Butanone	ND	ug/kg	10	06/29/98	SAC	78-93-3	1,4

Pace Project Number: 107979
Client Project ID: 900616 01

Pace Sample No: 1068902.2
Client Sample ID: TPBH 1 8

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: Soil

Parameters	Results	Units	MDL	Analyzed	Analyst	CAS#	Footnotes
4 Methyl 2 Pentanone	ND	ug/kg	13	06/20/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	06/20/98	SAC	75-15-0	
2 Hexanone	ND	ug/kg	100	06/20/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	06/20/98	SAC	108-05-4	
Methyl-tert butyl Ether	ND	ug/kg	5	06/20/98	SAC	1634-04-4	
Styrene	ND	ug/kg	500	06/20/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	06/20/98	SAC	108-20-3	
Ethyl tert butyl ether	ND	ug/kg	5	06/20/98	SAC	637-92-3	
tert Amylmethyl ether	ND	ug/kg	5	06/20/98	SAC	994-05-8	
2 Methyl-2 propanol	ND	ug/kg	130	06/20/98	SAC	75-65-0	
Dibromofluoromethane (S)	124	%		06/20/98	SAC	1868-53-7	
Toluene-d8 (S)	114	%		06/20/98	SAC	2037-26-5	7,15
4 Bromofluorobenzene (S)	82	%		06/20/98	SAC	460-00-4	
1,2 Dichloroethane-d4 (S)	114	%		06/20/98	SAC	17060-07-0	4

Page Project Number: 10772
Client Project ID: 9806w-05

Lab Sample No: 10806070 Date Collected: 06/15/98 MATRIX: Soil
Client Sample ID: TP38 S 4.0 Date Received: 06/17/98

Analyte	Results	Units	PRL	Analyzed	Analyst	QA/QC	Preparation

GC - Semi VOA

PCBs in Soil, Low Level	Method: EPA 8082			Prep Method: EPA 3550			
PCB 1016 (Aroclor 1016)	ND	mg/kg	0.03	06/24/98	SAM	12674-11-2	
PCB 1221 (Aroclor 1221)	ND	mg/kg	0.03	06/24/98	SAM	11104-28-2	
PCB 1232 (Aroclor 1232)	ND	mg/kg	0.03	06/24/98	SAM	11141-16-5	
PCB 1242 (Aroclor 1242)	ND	mg/kg	0.03	06/24/98	SAM	53469-21-9	
PCB 1248 (Aroclor 1248)	ND	mg/kg	0.03	06/24/98	SAM	12672-29-6	
PCB 1254 (Aroclor 1254)	ND	mg/kg	0.03	06/24/98	SAM	11097-69-1	
PCB 1260 (Aroclor 1260)	ND	mg/kg	0.03	06/24/98	SAM	11096-82-5	
Tetrachloro-meta-xylene (S)	112	%		06/24/98	SAM	877-09-8	
Decachlorobiphenyl (S)	110	%		06/24/98	SAM	2051-24-3	
Date Extracted				06/22/98			

GC/MS VOA

GC/MS Volp by 8260	Method: EPA 8260			Prep Method: EPA 5030			
Dichlorodifluoromethane	ND	ug/kg	5	06/29/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	06/29/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	06/29/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	06/29/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	06/29/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	06/29/98	SAC	75-69-4	
Methylene Chloride	5.4	ug/kg	5	06/29/98	SAC	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	06/29/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	06/29/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	06/29/98	SAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	06/29/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	06/29/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	06/29/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	06/29/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	06/29/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	78-87-5	
Dibromomethane	ND	ug/kg	5	06/29/98	SAC	74-95-3	

Base Project Number: 1470.9
Client Project ID: Amoco 05

Base Sample No: 106B979 Date Collected: 06/16/98 Matrix: Soil
Client Sample ID: TPB4 < 1.0 Date Received: 06/17/98

Analyte	Results	Units	PRL	Analyzed	Analyst	CAS #	Footnotes
Dibromomethane	ND	ug/kg	5	06/20/98	BAC	74-95-3	
Toluene	ND	ug/kg	5	06/20/98	BAC	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	06/20/98	BAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	06/20/98	BAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	06/20/98	BAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	06/20/98	BAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	06/20/98	BAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	06/20/98	BAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	06/20/98	BAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	06/20/98	BAC	100-41-4	
M&P Xylene	ND	ug/kg	5	06/20/98	BAC	7216-60-0	
O Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	06/20/98	BAC	95-47-6	
Styrene	ND	ug/kg	5	06/20/98	BAC	100-42-5	
Bromoform	ND	ug/kg	5	06/20/98	BAC	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	06/20/98	BAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	06/20/98	BAC	79-34-5	
Bromobenzene	ND	ug/kg	5	06/20/98	BAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	06/20/98	BAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	06/20/98	BAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	06/20/98	BAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	06/20/98	BAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	06/20/98	BAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	06/20/98	BAC	95-63-6	
tert-Butylbenzene	ND	ug/kg	5	06/20/98	BAC	135-98-8	
sec-Butylbenzene	ND	ug/kg	5	06/20/98	BAC	99-87-6	
p-Isopropyltoluene	ND	ug/kg	5	06/20/98	BAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	06/20/98	BAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	06/20/98	BAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	06/20/98	BAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	06/20/98	BAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	06/20/98	BAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	06/20/98	BAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	06/20/98	BAC	87-68-3	
Naphthalene	6.7	ug/kg	5	06/20/98	BAC	91-20-3	3
1,2,3-Trichlorobenzene	ND	ug/kg	5	06/20/98	BAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	06/20/98	BAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	06/20/98	BAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	06/20/98	BAC	110-75-8	
Acetone	43	ug/kg	20	06/20/98	BAC	67-64-1	1
2-Butanone	ND	ug/kg	20	06/20/98	BAC	78-93-3	

Data Register Number: 102979
Client Project ID: 980616-05

Lab Sample No: 1068970
Client Sample ID: TTP8-3-3.0

Date Collected: 06/15/98
Date Received: 06/17/98
Matrix: Soil

Compound	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl 2-Pentanone	ND	ug/kg	10	06/29/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	06/29/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	06/29/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	06/29/98	SAC	108-05-4	
Methyl tert-butyl ether	ND	ug/kg	5	06/29/98	SAC	1634-04-4	
Styrene	ND	ug/kg	500	06/29/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	06/29/98	SAC	108-20-3	
Ethyl tert-butyl ether	ND	ug/kg	5	06/29/98	SAC	637-92-3	
Tert Amylmethyl ether	ND	ug/kg	5	06/29/98	SAC	994-05-8	
2-Methyl-2 propanol	ND	ug/kg	100	06/29/98	SAC	75-65-0	
Dibromofluoromethane (S)	102	%		06/29/98	SAC	1868-53-7	
Toluene-d8 (S)	96	%		06/29/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	98	%		06/29/98	SAC	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%		06/29/98	SAC	17060-07-0	

Work Project Number: 197929
Client Project ID: 980626 04

Sc Sample No: 10A0760GH
Client Sample ID: PTSB-4-4.0

Date Collected: 06/17/98
Date Received: 06/17/98
Matrix: Soil

Analysis	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes

GC - Semi VOA

PCBs in Soil, Low Level	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
	Method: EPA 8082			Prep Method: EPA 3550			
PCB 1016 (Aroclor 1016)	ND	mg/kg	0.33	06/23/98	SJW	12674-11-2	
PCB 1221 (Aroclor 1221)	ND	mg/kg	0.66	06/23/98	SJW	11104-28-2	
PCB 1232 (Aroclor 1232)	ND	mg/kg	0.33	06/23/98	SJW	11141-16-5	
PCB 1242 (Aroclor 1242)	ND	mg/kg	0.33	06/23/98	SJW	53469-21-9	
PCB 1248 (Aroclor 1248)	ND	mg/kg	0.33	06/23/98	SJW	12672-29-6	
PCB 1254 (Aroclor 1254)	ND	mg/kg	0.33	06/23/98	SJW	11097-69-1	
PCB 1260 (Aroclor 1260)	ND	mg/kg	0.33	06/23/98	SJW	11096-82-5	
Dibutylchloro(chlorendate) (S)	97	%		06/23/98	SJW	2051-24-3	
Decachlorobiphenyl (S)	96	%		06/23/98	SJW	2051-24-3	
Date Extracted				06/22/98			

GC/MS - VOA

GC/MS VOCs by 8260	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
	Method: EPA 8260			Prep Method: EPA 5030			
Dichlorodifluoromethane	ND	ug/kg	5	06/20/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	06/20/98	SAC	74-87-3	
Vinyl chloride	ND	ug/kg	5	06/20/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	06/20/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	06/20/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	06/20/98	SAC	75-69-4	
Methylene Chloride	6.5	ug/kg	5	06/20/98	SAC	75-09-2	1
1,1-Dichloroethene	ND	ug/kg	5	06/20/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	06/20/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	06/20/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	06/20/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	06/20/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	06/20/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	06/20/98	SAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	06/20/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	06/20/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	06/20/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	06/20/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	06/20/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	06/20/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	06/20/98	SAC	78-87-5	
Dibromomethane	ND	ug/kg	5	06/20/98	SAC	75-27-4	

Data Project Number: 107929
Client Project ID: 980618-05

Lab Sample No: 1048608
Client Sample ID: TRIP-1 5.6

Date Collected: 06/15/98
Date Received: 06/17/98
Matrix Soil

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	06/29/98	SAC	74-95-3	
Toluene	ND	ug/kg	5	06/29/98	SAC	108-88-3	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5	06/29/98	SAC	76-13-1	
Tetrachloroethene	ND	ug/kg	5	06/29/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	06/29/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	06/29/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	06/29/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	06/29/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	06/29/98	SAC	100-41-4	
m&p-Xylene	ND	ug/kg	5	06/29/98	SAC	1330-20-7	
o-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	06/29/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	06/29/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	06/29/98	SAC	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	06/29/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	06/29/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	06/29/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	06/29/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	06/29/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	06/29/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	06/29/98	SAC	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	06/29/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	06/29/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	06/29/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	06/29/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	06/29/98	SAC	87-68-3	
Naphthalene	5.6	ug/kg	5	06/29/98	SAC	91-20-3	4
1,2,3-Trichlorobenzene	ND	ug/kg	5	06/29/98	SAC	87-61-6	
Total 1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	06/29/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	06/29/98	SAC	110-75-8	
Acetone	39	ug/kg	10	06/29/98	SAC	67-64-1	4
2-Butanone	ND	ug/kg	10	06/29/98	SAC	78-93-3	

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Race Project Number: 10725
Client Project ID: 9806Lin-02

Lab Sample No: 158860-08
Client Sample ID: TPHR-3-6.0

Date Collected: 06/15/98
Date Received: 06/17/98

Matrix: SOIL

Compound	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	06/29/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	06/29/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	06/29/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	06/29/98	SAC	108-05-4	
Methyl tert-butyl ether	ND	ug/kg	5	06/29/98	SAC	1634-04-4	
Ethanol	ND	ug/kg	500	06/29/98	SAC	64-17-5	
Diisopropyl Ether	ND	ug/kg	5	06/29/98	SAC	108-20-3	
Ethyl tert-butyl ether	ND	ug/kg	5	06/29/98	SAC	637-92-3	
tert-Amyl methyl ether	ND	ug/kg	5	06/29/98	SAC	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	06/29/98	SAC	75-65-0	
Dibromofluoromethane (S)	100	%		06/29/98	SAC	1868-53-7	
Toluene-d8 (S)	93	%		06/29/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	95	%		06/29/98	SAC	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%		06/29/98	SAC	17060-07-0	

Pace Project Number: 19797
Client Project ID: 9802C-05

AMETEK FOOTNOTES

ND Not Detected
NC Not Calculable
J Data Reported Limit
SG Surrogate
CL Common Laboratory Contaminant.
B Analyte is found in the associated blank as well as in the sample (CLP B Flag).
E The continuing calibration for this compound was outside the method control limits. The result for this compound should be considered an estimate.
[4] The following compounds were analyzed with a one point calibration: Ethyl-tert butyl ether, Isopropyl ether, tert Amylmethyl ether, 2-Methyl 2 propanol and Ethanol
X Compound concentration exceeds the calibration range of the instrument (CLP E Flag).
The internal standard response was below criteria due to the matrix of the soil matrix. Results may be biased high.
[8] Internal Standard do not present due to matrix interferences. Results reported reported from 1 10x dilution.
[9] The surrogate recovery was outside QC acceptance limits due to matrix interference
N Spiked sample recovery is not within control limits.
[1] Analysis conducted 1 day in excess of EPA recommended hold time. Sample was originally analyzed in hold but looked on the purge and trap.
[12] Analysis conducted 1 day in excess of recommended EPA hold time. The sample was originally analyzed in hold but looked on the purge and trap.
[3]
[] Compound confirmed by secondary column.
[5] The surrogate and/or spike recovery was outside acceptance limits.

QUALITY CONTROL DATA

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e Analytical Long Beach Inc
3960 Gilman Street
Long Beach, CA 90815

Base Project Number: 107729
Client Project ID: 980616 05

Attn: Mr. Richard Villafuerte
Phone: (562)498-9515

Batch ID: 10680772
Analysis Method: EPA 8270
Associated Lab Samples: 10680772

QC Batch Method: EPA 3520
Analytical Description: Semivolatile Organics

METHOD BLANK: 10680772
Associated Lab Samples:
10680772

Analyte	Units	Method Blank Result	PQL	Footnotes
Phenol	ug/L	ND	10	
bis(2-Chloroethyl)ether	ug/L	ND	10	
2-Chlorophenol	ug/L	ND	10	
1,3-Dichlorobenzene	ug/L	ND	10	
1,4-Dichlorobenzene	ug/L	ND	10	
Benzyl Alcohol	ug/L	ND	10	
1,2-Dichlorobenzene	ug/L	ND	10	
2-Methylphenol	ug/L	ND	10	
bis(2-Chloroisopropyl)ether	ug/L	ND	10	
4-Methylphenol	ug/L	ND	10	
N-Nitroso-di-n-propylamine	ug/L	ND	10	
Hexachloroethane	ug/L	ND	10	
Nitrobenzene	ug/L	ND	10	
Isophorone	ug/L	ND	10	
2-Nitrophenol	ug/L	ND	10	
2,4-Dimethylphenol	ug/L	ND	10	
Benzoic Acid	ug/L	ND	50	
bis(2-Chloroethoxy)methane	ug/L	ND	10	
2,4-Dichlorophenol	ug/L	ND	10	
1,2,4-Trichlorobenzene	ug/L	ND	10	
Naphthalene	ug/L	ND	10	
4-Chloroaniline	ug/L	ND	10	
Hexachlorobutadiene	ug/L	ND	10	
4-Chloro-3-methylphenol	ug/L	ND	10	
2-Methylnaphthalene	ug/L	ND	10	

QUALITY CONTROL DATA

DATE: 07/29/09
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Para Project Number: 107979
Client Project ID: 9804.1.05

M. BLK: METHOD BLANK: 106861

Associated Lab Samples:

106860

Parameter	Units	Method Blank Result	PQL	Footnotes
Benzo(a)anthracene	ug/L	ND	10	
Benzo(b)fluoranthene	ug/L	ND	10	
Benzo(k)fluoranthene	ug/L	ND	10	
Chrysene	ug/L	ND	10	
Dibenz(a,h)anthracene	ug/L	ND	10	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10	
Pyrene	ug/L	ND	10	
1,2-Dichlorobenzene	ug/L	ND	20	
1,3-Dichlorobenzene	ug/L	ND	20	
1,4-Dichlorobenzene	ug/L	ND	20	
2,4,5-Trichlorophenol	ug/L	ND	50	
2,4,6-Trichlorophenol	ug/L	ND	50	
2,4-Dichlorophenol	ug/L	ND	50	
2,4-Dimethylphenol	ug/L	ND	10	
2,4-Dinitrophenol	ug/L	ND	50	
2,4-Dinitrotoluene	ug/L	ND	10	
2,6-Dinitrotoluene	ug/L	ND	10	
2-Chloronaphthalene	ug/L	ND	10	
2-Chlorophenol	ug/L	ND	50	
2-Methylnaphthalene	ug/L	ND	10	
2-Nitroaniline	ug/L	ND	50	
2-Nitrophenol	ug/L	ND	50	
3,3'-Dichlorobenzidine	ug/L	ND	20	
3-Nitroaniline	ug/L	ND	50	
4,6-Dinitro-2-methylphenol	ug/L	ND	50	
4-Bromophenyl phenyl ether	ug/L	ND	10	
4-Chloro-3-methylphenol	ug/L	ND	10	
4-Chloroaniline	ug/L	ND	10	
4-Chlorophenyl phenyl ether	ug/L	ND	10	
4-Nitroaniline	ug/L	ND	50	
4-Nitrophenol	ug/L	ND	50	
Acenaphthene	ug/L	ND	10	
Acenaphthylene	ug/L	ND	10	
Anthracene	ug/L	ND	10	
Benzidine	ug/L	ND	50	
Benzo(a)anthracene	ug/L	ND	10	
Benzo(b)fluoranthene	ug/L	ND	10	
Benzo(g,h,i)perylene	ug/L	ND	10	
Benzo(k)fluoranthene	ug/L	ND	10	
Benzoic Acid	ug/L	ND	50	
Benzyl alcohol	ug/L	ND	20	
Bis(2-chloroethoxy)methane	ug/L	ND	10	
Bis(2-chloroethyl)ether	ug/L	ND	10	
Bis(2-chloroisopropyl)ether	ug/L	ND	10	
Bis(2-ethylhexyl)phthalate	ug/L	ND	10	
Butylbenzylphthalate	ug/L	ND	10	
Carbazole	ug/L	ND	10	
Chrysene	ug/L	ND	10	
Dibenz(a,h)anthracene	ug/L	ND	10	
Dibenzofuran	ug/L	ND	10	
Diethylphthalate	ug/L	ND	10	
Dimethylphthalate	ug/L	ND	10	
Di-n-butylphthalate	ug/L	ND	10	
Di-n-octylphthalate	ug/L	ND	10	
Fluoranthene	ug/L	ND	10	
Fluorene	ug/L	ND	10	
Hexachlorobenzene	ug/L	ND	10	
Hexachlorobutadiene	ug/L	ND	10	
Hexachlorocyclopentadiene	ug/L	ND	10	
Hexachloroethane	ug/L	ND	10	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10	
Isophorone	ug/L	ND	10	
Naphthalene	ug/L	ND	10	
Nitrobenzene	ug/L	ND	10	
N-Nitrosodimethylamine	ug/L	ND	10	
N-Nitrosodiphenylamine	ug/L	ND	10	
N-Nitrosodipropylamine	ug/L	ND	10	
Pentachlorophenol	ug/L	ND	50	
Phenanthrene	ug/L	ND	10	
Phenol	ug/L	ND	10	
Pyrene	ug/L	ND	10	

Data Project Number: 107479
Client Project ID: 980616.00

...[QC] BLANK: 106,119
Association Date Complet.

106,072

Parameter	Units	Method Blank Result	PRL	Qualifiers
Benzo(a,h)anthracene	ug/L	ND	10	
Benzo(g,h,i)perylene	ug/L	ND	10	
Chlorobenzene-d5 (S)	%	90		
4-Chlorobiphenyl (S)	%	75		
Decachlorobiphenyl (S)	%	80		
Phenol-d6 (S)	%	69		
Pyridine-d5 (S)	%	60		
2,4,6-Tribromophenol (S)	%	85		

...[QC] LABORATORY CONTROL SAMPLE & LCSD: 106,072 106,119

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	LCSD Result	LCSD % Rec	Spike Dup RPD	Qualifiers
Phenol	ug/L	50	30.20	60.4	31.70	63.4	15	
bis(2-Chloroethyl)ether	ug/L	50	21.40	42.7	23.40	46.9	11	
2-Chlorophenol	ug/L	50	30.50	61.0	34.00	68.1	11	
1,3-Dichlorobenzene	ug/L	50	30.20	60.5	33.90	67.9	12	
1,4-Dichlorobenzene	ug/L	50	29.80	59.6	34.70	69.5	15	
Benzyl Alcohol	ug/L	50	37.50	75.0	41.00	82.0	14	
1,2-Dichlorobenzene	ug/L	50	30.10	60.2	34.20	68.4	11	
2-Methylphenol	ug/L	50	27.00	54.0	27.50	55.1	2	
bis(2-Chloroisopropyl)ether	ug/L	50	26.30	52.6	28.20	56.5	8	
4-Methylphenol	ug/L	50	29.60	59.2	32.90	65.8	10	
N-Nitroso-di-n-propylamine	ug/L	50	28.80	57.6	28.20	57.5	2	
Hexachloroethane	ug/L	50	24.20	48.5	28.00	56.0	14	
Nitrobenzene	ug/L	50	19.20	38.4	26.50	68.6	16	
Isophorone	ug/L	50	27.00	54.0	31.00	62.0	14	
2-Nitrophenol	ug/L	50	33.50	67.1	37.70	75.5	12	
2,4-Dimethylphenol	ug/L	50	25.00	50.0	18.20	36.5	8	
Benzoic Acid	ug/L	100	62.00	62.0	67.00	67.0	8	
bis(2-Chloroethoxy)methane	ug/L	50	29.60	59.2	32.20	64.5	12	
2,4-Dichlorophenol	ug/L	50	35.00	70.2	39.00	77.8	10	
1,2,4-Trichlorobenzene	ug/L	50	31.80	63.5	35.40	70.8	12	
Naphthalene	ug/L	50	31.20	62.4	35.10	70.1	12	
4-Chloroaniline	ug/L	50	13.00	25.8	16.70	33.2	25	
Hexachlorobutadiene	ug/L	50	35.20	70.4	38.60	77.3	9	
4-Chloro-3-methylphenol	ug/L	50	30.40	60.5	35.6	70.5	16	

QUALITY CONTROL DATA

Data Project Number: 107979
Client Project ID: 980816.05

LABORATORY CONTROL SAMPLE & DUP: 1006447 1006448

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Lcsd Result	Spike Dup % Rec	RPD	Restrictions
Methylnaphthalene	ug/L	50	44.90	89.8	47.30	94.6	10	
2-Chlorocyclopentadiene	ug/L	100	27.35	27.1	30.30	30.3	6%	
2,4,6-Trichlorophenol	ug/L	50	34.80	69.6	33.10	66.2	12	
2,4,5-Trichlorophenol	ug/L	50	35.10	70.2	40.10	80.2	13	1,1
Chloronaphthalene	ug/L	50	33.80	67.6	37.45	74.9	10	
Nitroaniline	ug/L	50	26.75	53.5	30.60	61.2	13	1,1
Dimethylphthalate	ug/L	50	32.90	65.8	37.30	74.2	12	
Acenaphthylene	ug/L	50	41.70	83.4	45.80	91.6	9	
2,6-Dinitrotoluene	ug/L	50	43.40	86.8	48.60	97.2	11	
Acenaphthene	ug/L	50	28.45	48.9	29.80	59.6	20	1,1
Dinitrophenol	ug/L	50	31.80	64.6	35.85	71.7	12	
2,4-Dinitrotoluene	ug/L	50	30.45	60.7	36.50	73.0	18	1,1
4-Nitrophenol	ug/L	50	22.65	45.3	29.00	58.0	25	1,1
Dibenzofuran	ug/L	50	32.70	65.4	36.20	72.4	10	
4-Nitrotoluene	ug/L	50	32.75	65.5	37.65	75.3	14	
Diethylphthalate	ug/L	50	41.75	83.5	45.95	91.9	10	
4-Chlorophenyl phenylether	ug/L	50	20.40	40.8	22.55	45.1	10	
Fluorene	ug/L	50	35.50	71.1	39.70	79.4	11	
4-Nitroaniline	ug/L	50	28.80	57.6	34.40	68.8	17	1,1
4,6-Dinitro-2-methylphenol	ug/L	50	34.50	69.0	38.15	76.3	10	1,1
Diphenylamine	ug/L	50	39.65	79.3	42.35	84.7	6	
4-Bromophenyl phenylether	ug/L	50	40.20	80.4	42.15	84.3	10	
Hexachlorobenzene	ug/L	50	40.55	81.1	44.70	89.4	10	
Pentachlorophenol	ug/L	50	34.70	69.4	38.40	76.8	10	1,1
Phenanthrene	ug/L	50	31.45	62.9	34.25	68.5	10	
Anthracene	ug/L	50	31.40	62.8	34.25	68.5	9	
Di-n-butylphthalate	ug/L	50	29.80	59.6	33.80	67.6	12	
Fluoranthene	ug/L	50	31.50	63.0	35.70	71.4	12	
Benzidine	ug/L	50	31.85	63.7	35.00	70.0	9	
Butylbenzylphthalate	ug/L	50	25.50	51.0	29.20	58.4	13	
3,3'-Dichlorobenzidine	ug/L	50	14.50	29.0	23.20	46.4	46	*
Benzo(a)anthracene	ug/L	50	35.10	70.2	38.30	76.6	9	
Chrysene	ug/L	50	31.15	62.3	35.20	70.4	12	
bis(2-Ethylhexyl)phthalate	ug/L	50	28.75	57.5	31.70	63.4	10	
Di-n-octylphthalate	ug/L	50	32.70	65.4	34.80	69.6	6	
Benzo(b)fluoranthene	ug/L	50	29.85	59.7	35.00	70.0	16	
Benzo(k)fluoranthene	ug/L	50	34.35	68.7	38.25	76.5	11	
Benzo(a)pyrene	ug/L	50	31.15	62.3	35.00	70.0	12	
Indeno(1,2,3-cd)pyrene	ug/L	50	30.10	60.2	35.15	70.3	16	
Dibenz(a,h)anthracene	ug/L	50	34.40	68.8	38.55	77.1	11	
Benzo(g,h,i)perylene	ug/L	50	35.50	71.0	38.80	77.6	9	

QUALITY CONTROL DATA

DATE: 07/29/98
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Pace Project Number: 107999
Client Project ID: 980616 07

LABORATORY CONTROL SAMPLE & LCSD: 1068527 1068533

Parameters	Units	Spike Conc.	LCS Result	LCS % Rec	LCSD Result	Spike Dup % Rec	RPD	Max RPD
Acenaphthene (S)				57		63		
4-Chlorophenyl (S)				64		72		
Pyrene (S)				69		78		
2-Methylnaphthalene (S)				59		66		
Nitrobenzene-d5 (S)				55		62		
2,4,6-Tribromophenol (S)				86		88		

QUALITY CONTROL DATA

DATE: 07/29/98
PAGE: 24

Anal Analytical Long Beach Inc
2 Gillette Street
Long Beach, CA 90813

Work Project Number: 10979
Client Project ID: 980616 BA

Attn: Mr. Richard Villalobos
Phone: (562)426-9225

Batch ID: 13546
Analysis Method: EPA 8080
Associated Lab Samples: 10686748 10686747

QC Batch Method: EPA 3510
Analysis Description: PCB's (8 Soil, Low Level)
10686740 10686739 10686830 10686819
10686744 10686743 10686962 10686970 10686988

METHOD BLANK 10686957
Associated Lab Samples:
10686744 10686780 10686822 10686810 10686919 10686947 10686964
10686942 10686970 10686988

Parameter	Units	Method Blank Result	RL	Qualifiers
PCB 1016 (Aroclor 1016)	ug/kg	ND	0.01	
PCB 1221 (Aroclor 1221)	ug/kg	ND	0.01	
PCB 1232 (Aroclor 1232)	ug/kg	ND	0.01	
PCB 1242 (Aroclor 1242)	ug/kg	ND	0.01	
PCB 1248 (Aroclor 1248)	ug/kg	ND	0.01	
PCB 1254 (Aroclor 1254)	ug/kg	ND	0.01	
PCB 1260 (Aroclor 1260)	ug/kg	ND	0.01	
Decachlorobiphenyl (S)	%	92		
Tetrachloro-m-xylene (S)	%	114		

LABORATORY CONTROL SAMPLE & DUP: 10686956 10686957

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	Spike Conc.	LCSD Result	LCSD %Rec	%Rec Limits	RPD	RPD Limit	Qualifiers
PCB 1016 (Aroclor 1016)	ug/kg	0.10	0.1027	103	0.10	0.1013	101	50-135	1	30	
PCB 1260 (Aroclor 1260)	ug/kg	0.10	0.1076	108	0.10	0.1073	107	50-135	0	30	
Tetrachloro-m-xylene (S)				110			110	30-150			
Decachlorobiphenyl (S)				116			116	30-150			

QUALITY CONTROL DATA

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Attn: Mr. Richard Villalobos
Phone: (562)908 9517

Batch ID: 16501
Analytical Method: EPA 8080
Associated Raw Samples: 106807/2

QC Batch Method: EPA 3510
Analysis Description: PCB's in Water, low level

METHOD BLANK: 106807/2
Associated Raw Samples:

Parameter	Units	Method Blank Results	MRL	Footnotes
PCB-1016 (Aroclor 1016)	ug/L	ND	0.1	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.1	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.1	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.1	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.1	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.1	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.1	
Trichloro meta-xylene (S)	%	50		
Trichlorobiphenyl (S)	%	91		

LABORATORY CONTROL SAMPLES & DUPLICATE: 106809/1 106809/1BD

Parameter	Units	Spike Conc.	LCS Results	Spike % Rec	LCSD Results	Spike Dup % Rec	RPD	Footnotes
PCB 1016 (Aroclor 1016)	ug/L	1.0	0.4954	80.7	0.4744	77.4	4	2, 3
PCB-1260 (Aroclor 1260)	ug/L	1.0	0.5184	81.8	0.5017	79.6	3	2, 3
Trichloro meta xylene (S)				91		87		2
Trichlorobiphenyl (S)				96		94		2

QUALITY CONTROL DATA

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Analytical Long Beach QC
[illegible] Street
Long Beach, CA 90813

Work Request Number: 107079
Client Project ID: 98011-05

Attn: Mr. Richard Villafuerte
Phone: (562)490-9515

Batch ID: 14617
QC Batch Method: EPA 1550
Analysis Method: EPA 8080
Analysis Description: PCB's in Soil, Low Level
Associated Lab Samples: 10A86749 10A86750 10A86751 10A86806 10A86814

QC1 BLANK 10A86758
Associated Lab Samples:

	10A86749	10A86750	10A86751	10A86805	10A86814
		Method Blank			
Analytes	Units	Results	PQL	Footnotes	
PCB 1016 (Aroclor 1016)	mg/kg	ND	0.04		
PCB 1221 (Aroclor 1221)	mg/kg	ND	0.04		
PCB 1232 (Aroclor 1232)	mg/kg	ND	0.04		
PCB 1242 (Aroclor 1242)	mg/kg	ND	0.04		
PCB 1248 (Aroclor 1248)	mg/kg	ND	0.04		
PCB 1254 (Aroclor 1254)	mg/kg	ND	0.04		
PCB 1260 (Aroclor 1260)	mg/kg	ND	0.04		
Surrogate: Meta Xylene (S)	%	97			
Surrogate: Decachlorobiphenyl (S)	%	108			

LABORATORY CONTROL SAMPLES & DUP: 10A87704 Lab#: 10A87704

		Spike	Lab		Spike	RPD	Spike Dup		
Analytes	Units	Conc.	Results		% Rec.	Result	% Rec.	RPD	Footnotes
PCB 1016 (Aroclor 1016)	mg/kg	0.33	0.3285		98.6	0.3268	81.0	17	
PCB 1260 (Aroclor 1260)	mg/kg	0.33	0.3182		95.5	0.3201	83.0	16	
Surrogate: Meta Xylene (S)					93		98		
Surrogate: Decachlorobiphenyl (S)					108		91		

QUALITY CONTROL DATA

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Severn Analytical Laboratories
56 Graham Street
Severn Beach, PA 19815

Work Project Number: 13707
Client Project ID: 940610 04

Attn: Mr. Richard Villafana
Phone: (541)498-9115

QC Batch ID: 14018
QC Batch Method: EPA 8250
Analysis Method: EPA 8270
Analysis Description: Semivolatile Organics
Associated Prep Samples: 10686840 10686855 10686863 10686871 10686887
10686897 10686905 10686913 10686921

QC BLANK: 10680282
Associated Prep Samples:
10686840 10686855 10686863 10686871 10686887 10686897 10686905
10686913 10686921

Parameter	Units	Method Blank Result	PQL	Reporting
Phenol	ug/kg	ND	660	
bis(2-Chloroethyl)ether	ug/kg	ND	660	
2-Chlorophenol	ug/kg	ND	660	
1,3-Dichlorobenzene	ug/kg	ND	660	
1,4-Dichlorobenzene	ug/kg	ND	660	
Benzyl Alcohol	ug/kg	ND	660	
1,2-Dichlorobenzene	ug/kg	ND	660	
2-Methylphenol	ug/kg	ND	660	
bis(2-Chloroisopropyl)ether	ug/kg	ND	660	
4-Methylphenol	ug/kg	ND	660	
N-Nitroso-di-n-propylamine	ug/kg	ND	660	
Hexachloroethane	ug/kg	ND	660	
Nitrobenzene	ug/kg	ND	660	
Isophorone	ug/kg	ND	660	
2-Nitrophenol	ug/kg	ND	660	
2,4-Dimethylphenol	ug/kg	ND	660	
Benzoic Acid	ug/kg	ND	1600	
bis(2-Chloroethoxy)methane	ug/kg	ND	660	
2,4-Dichlorophenol	ug/kg	ND	660	
1,2,4-Trichlorobenzene	ug/kg	ND	660	
Naphthalene	ug/kg	ND	660	
4-Chloroaniline	ug/kg	ND	660	
Hexachlorobutadiene	ug/kg	ND	660	

Data Project Number: 102479
Client Project ID: 960616 GS

QC#06 BLANK: 106907R2
Associated Lab Samples:

	106906R6	106906R5	106906R1	106906R4	106906R9	106906R7	106906R8
	106906L3	106906L1					

Parameter	Units	Method Blank Result	PRL	Dilution Factor
Chlorinated Dibenzofurans				
2,3,7,8-Tetrachlorodibenzofuran	ug/kg	ND	0.660	
Other Tetrachlorodibenzofurans	ug/kg	ND	0.660	
Pentachlorodibenzofurans	ug/kg	ND	3.30	
1,2,3,7,8-Pentachlorodibenzofuran	ug/kg	ND	3.30	
2,3,4,7,8-Pentachlorodibenzofuran	ug/kg	ND	3.30	
Other Pentachlorodibenzofurans	ug/kg	ND	3.30	
Hexachlorodibenzofurans	ug/kg	ND	3.30	
1,2,3,4,7,8-Hexachlorodibenzofuran	ug/kg	ND	3.30	
1,2,3,6,7,8-Hexachlorodibenzofuran	ug/kg	ND	3.30	
2,3,4,6,7,8-Hexachlorodibenzofuran	ug/kg	ND	3.30	
1,2,3,7,8,9-Hexachlorodibenzofuran	ug/kg	ND	3.30	
Other Hexachlorodibenzofurans	ug/kg	ND	3.30	
Heptachlorodibenzofurans	ug/kg	ND	3.30	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ug/kg	ND	3.30	
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ug/kg	ND	3.30	
Other Heptachlorodibenzofurans	ug/kg	ND	3.30	
Octachlorodibenzofuran	ug/kg	ND	6.60	
Chlorinated Dibenzo-p-dioxins				
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ug/kg	ND	0.660	
Other Tetrachlorodibenzo-p-dioxins	ug/kg	ND	0.660	
Pentachlorodibenzo-p-dioxins	ug/kg	ND	3.30	
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	ug/kg	ND	3.30	
Other Pentachlorodibenzo-p-dioxins	ug/kg	ND	3.30	
Hexachlorodibenzo-p-dioxins	ug/kg	ND	3.30	
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ug/kg	ND	3.30	
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	ug/kg	ND	3.30	
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	ug/kg	ND	3.30	
Other Hexachlorodibenzo-p-dioxins	ug/kg	ND	3.30	
Heptachlorodibenzo-p-dioxins	ug/kg	ND	3.30	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	ug/kg	ND	3.30	
Other Heptachlorodibenzo-p-dioxins	ug/kg	ND	3.30	
Octachlorodibenzo-p-dioxin	ug/kg	ND	6.60	

Pace Project Number: [illegible]
Client Project ID: [illegible]

SAMPLE BLANK: [illegible]
Associated Lab Samples:

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]					

Parameters	Units	Method Blank Result	MDL	Footnotes
[illegible]	ug/kg	ND	110	
[illegible]	ug/kg	ND	110	
[illegible]	ug/kg	ND	110	
[illegible]	ug/kg	ND	110	
[illegible]	ug/kg	ND	110	
[illegible]	%	101		
[illegible]	%	96		
[illegible]	%	105		
[illegible]	%	107		
[illegible]	%	94		
[illegible]	%	106		

LABORATORY CONTROL SAMPLE: [illegible]

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec.	Footnotes
Phenol	ug/kg	1667	1447	86.8	
2-Chlorophenol	ug/kg	1667	1310	78.6	
1,3-Dichlorobenzene	ug/kg	1667	1390	83.4	
1,4-Dichlorobenzene	ug/kg	1667	1437	86.2	
Benzyl alcohol	ug/kg	1667	1277	76.6	
1,2-Dichlorobenzene	ug/kg	1667	1381	82.8	
2-Methylphenol	ug/kg	1667	1450	87.0	
bis(2-Chloroisopropyl)ether	ug/kg	1667	1277	76.6	
4-Methylphenol	ug/kg	1667	1437	86.2	
N-Nitroso-di-n-propylamine	ug/kg	1667	1437	86.2	
Hexachloroethane	ug/kg	1667	1277	76.6	
Nitrobenzene	ug/kg	1667	1384	83.0	
Isophorone	ug/kg	1667	1450	87.0	
2-Nitrophenol	ug/kg	1667	1277	76.6	
2,4-Dimethylphenol	ug/kg	1667	1437	86.2	
Benzoic Acid	ug/kg	1667	1277	76.6	
bis(2-Chloroethoxy)methane	ug/kg	1667	1384	83.0	
2,4-Dichlorophenol	ug/kg	1667	1450	87.0	
1,2,4-Trichlorobenzene	ug/kg	1667	1277	76.6	
Naphthalene	ug/kg	1667	1437	86.2	
4-Chloroaniline	ug/kg	1667	1277	76.6	
Hexachlorobutadiene	ug/kg	1667	1384	83.0	
4-Chloro-3-methylphenol	ug/kg	1667	1450	87.0	
2-Methylnaphthalene	ug/kg	1667	1277	76.6	
Hexachlorocyclopentadiene	ug/kg	1667	1437	86.2	
2,4,6-Trichlorophenol	ug/kg	1667	1277	76.6	
2,4,5-Trichlorophenol	ug/kg	1667	1384	83.0	
2-Chloronaphthalene	ug/kg	1667	1450	87.0	
2-Nitroaniline	ug/kg	1667	1277	76.6	
Dimethylphthalate	ug/kg	1667	1437	86.2	
Acenaphthylene	ug/kg	1667	1277	76.6	
2,6-Dinitrotoluene	ug/kg	1667	1384	83.0	
3-Nitroaniline	ug/kg	1667	1450	87.0	
Acenaphthene	ug/kg	1667	1277	76.6	
2,4-Dinitrophenol	ug/kg	1667	1437	86.2	
4-Nitrophenol	ug/kg	1667	1277	76.6	
Dibenzofuran	ug/kg	1667	1384	83.0	
2,4-Dinitrotoluene	ug/kg	1667	1450	87.0	
Diethylphthalate	ug/kg	1667	1277	76.6	
4-Chlorophenyl-phenylether	ug/kg	1667	1437	86.2	
Fluorene	ug/kg	1667	1277	76.6	
4-Nitroaniline	ug/kg	1667	1384	83.0	
4,6-Dinitro-2-methylphenol	ug/kg	1667	1450	87.0	
N-Nitrosodiphenylamine	ug/kg	1667	1277	76.6	
4-Bromophenyl-phenylether	ug/kg	1667	1437	86.2	
Hexachlorobenzene	ug/kg	1667	1277	76.6	
Pentachlorophenol	ug/kg	1667	1384	83.0	
Phenanthrene	ug/kg	1667	1450	87.0	
Anthracene	ug/kg	1667	1277	76.6	
Carbazole	ug/kg	1667	1437	86.2	
Di-n-butylphthalate	ug/kg	1667	1277	76.6	
Fluoranthene	ug/kg	1667	1384	83.0	
Benzidine	ug/kg	1667	1450	87.0	
Pyrene	ug/kg	1667	1277	76.6	
Butylbenzylphthalate	ug/kg	1667	1437	86.2	
3,3'-Dichlorobenzidine	ug/kg	1667	1277	76.6	
Benzo(a)anthracene	ug/kg	1667	1384	83.0	
bis(2-Ethylhexyl)phthalate	ug/kg	1667	1450	87.0	
Chrysene	ug/kg	1667	1277	76.6	
Di-n-octylphthalate	ug/kg	1667	1437	86.2	
Benzo(b)fluoranthene	ug/kg	1667	1277	76.6	
Benzo(k)fluoranthene	ug/kg	1667	1384	83.0	
Benzo(a)pyrene	ug/kg	1667	1450	87.0	
Indeno(1,2,3-cd)pyrene	ug/kg	1667	1277	76.6	
Dibenz(a,h)anthracene	ug/kg	1667	1437	86.2	
Benzo(g,h,i)perylene	ug/kg	1667	1277	76.6	
Nitrobenzene-d5 (S)	%			101	
2-Fluorobiphenyl (S)	%			96	
Terphenyl-d14 (S)	%			105	
Phenol-d6 (S)	%			107	
2-Fluorophenol (S)	%			94	
2,4,6-Tribromophenol (S)	%			106	

QUALITY CONTROL DATA

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[illegible] Analytical Laboratories
[illegible] Gilman Street
Long Beach, CA 90813

Project Number: [illegible]
Client Project ID: [illegible]

Attn: Mr. Richard Villalpando
Phone: (562)426-7615

Batch ID: 14824
Analysis Method: EPA 8260
Associated Data Samples:

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260

10686749	10686756	10686764	10686780	10686798	
10686806	10686814	10686947	10686954	10686962	

METHOD BLANK: 1971647

Associated Data Samples:

10686749	10686756	10686764	10686780	10686798	10686806	10686814	
10686947	10686954	10686962					

Parameters	Units	Method Blank Result	TAL	Qualifiers
Chlorodifluoromethane	ug/kg	ND	5	
Dichlorodifluoromethane	ug/kg	ND	5	
Ethyl Chloride	ug/kg	ND	5	
Bromomethane	ug/kg	ND	5	
Chloromethane	ug/kg	ND	5	
Trichlorofluoromethane	ug/kg	ND	5	
Vinyl Chloride	ug/kg	ND	5	
1,1-Dichloroethene	ug/kg	ND	5	
Acetone	ug/kg	ND	5	
Carbon Disulfide	ug/kg	ND	5	
Methylene Chloride	ug/kg	ND	5	
trans-1,2-Dichloroethene	ug/kg	ND	5	
1,1-Dichloroethane	ug/kg	ND	5	
2,2-Dichloropropane	ug/kg	ND	5	
cis-1,2-Dichloroethene	ug/kg	ND	5	
Chloroform	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,1,1-Trichloroethane	ug/kg	ND	5	
Carbon Tetrachloride	ug/kg	ND	5	
1,1-Dichloropropene	ug/kg	ND	5	
Benzene	ug/kg	ND	5	
1,2-Dichloroethane	ug/kg	ND	5	
Trichloroethene	ug/kg	ND	5	
1,2-Dichloropropane	ug/kg	ND	5	
Dibromomethane	ug/kg	ND	5	

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Base Property Number: 19709
Client Project ID: 980616 D5

METHOD BLANK 107449
Associated Base Samples:

	10606701	10606706	10606764	10606789	10606798	10606806	10606814
	10606707	10606754	10606763				

Parameter	Units	Method Blank Result	PRL	Footnotes
Acetone	ug/kg	ND	5	
1,2,3 Trichlorobenzene	ug/kg	ND	5	
Tetrachloroethene	ug/kg	ND	5	
1,4 Dichlorobenzene	ug/kg	ND	5	
Dichlorodifluoromethane	ug/kg	ND	5	
Chloromethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
1,1,1,2 Tetrachloroethane	ug/kg	ND	5	
Ethylbenzene	ug/kg	ND	5	
m-Xylene	ug/kg	ND	5	
Xylene (1,2 Dimethylbenzene)	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
Bromoform	ug/kg	ND	5	
Isopropylbenzene (Cumene)	ug/kg	ND	5	
1,1,2,2 Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
1,2,3 Trichloropropane	ug/kg	ND	5	
n-Propylbenzene	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,3,5 Trimethylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
1,2,4 Trimethylbenzene	ug/kg	ND	5	
tert-Butylbenzene	ug/kg	ND	5	
p-Isopropyltoluene	ug/kg	ND	5	
1,2-Dichlorobenzene	ug/kg	ND	5	
1,4 Dichlorobenzene	ug/kg	ND	5	
n-Butylbenzene	ug/kg	ND	5	
Dichlorodifluoromethane	ug/kg	ND	5	
Dibromo 3 Chloropropane	ug/kg	ND	5	
1,2,4 Trichlorobenzene	ug/kg	ND	5	
Hexachlorobutadiene	ug/kg	ND	5	
Naphthalene	ug/kg	6.4	5	
1,3 Trichlorobenzene	ug/kg	ND	5	
1,1,1,2 Tetrachloroethane	ug/kg	ND	5	
1,1,2 Trichloroethane	ug/kg	ND	5	
Chloroethyl Vinyl Ether	ug/kg	ND	5	

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Project Description: 107979
Client Project ID: 9804116-05

Method Blank 107154W

Associated Lab Samples:

106A749	106B026	106B708	106B780	106B819	106B880	106B924
106A947	106B054	106B902				

Parameter	Units	Method Blank Result	PRL	Qualifiers
Acrolein	ug/kg	6.5	20	J,A
Acrylonitrile	ug/kg	ND	10	
4-Methyl-2-pentanone	ug/kg	ND	10	
Carbon Disulfide	ug/kg	ND	10	
2-Hexanone	ug/kg	ND	100	
Ethyl Acetate	ug/kg	ND	100	
Ethyl tert-butyl Ether	ug/kg	ND	5	
Styrene	ug/kg	ND	500	
Isopropyl Ether	ug/kg	ND	5	
Vinyl tert-butyl ether	ug/kg	ND	5	
n-Amylmethyl ether	ug/kg	ND	5	
Methyl-2-propanol	ug/kg	ND	100	
Dibromofluoromethane (SI)	%	90		
Toluene-d8 (SI)	%	86		
4-Bromofluorobenzene (SI)	%	86		
1,2-Dichloroethane-d4 (SI)	%	84		

LABORATORY CONTROL SAMPLE: 107154W

Parameter	Units	Spike Added	LCS Result	% Rec	Qualifiers
Dichlorodifluoromethane	ug/kg	50	51.00	102	
Chloromethane	ug/kg	50	38.00	76.0	
Vinyl Chloride	ug/kg	50	49.00	98.0	
Bromomethane	ug/kg	50	1,400	4,20	J,b
Chloroethane	ug/kg	50	33.00	66.0	Y
Trichlorofluoromethane	ug/kg	50	58.00	116	
Methylene Chloride	ug/kg	50	50.00	100	
1,1-Dichloroethene	ug/kg	50	50.00	100	
cis-1,2-Dichloroethene	ug/kg	50	47.00	94.0	
1,1-Dichloroethane	ug/kg	50	45.00	90.0	
2,2-Dichloropropane	ug/kg	50	40.00	80.0	
cis-1,3-Dichloropropene	ug/kg	50	49.00	98.0	
Chloroform	ug/kg	50	48.00	96.0	
Bromochloromethane	ug/kg	50	50.00	110	
1,1,1-Trichloroethane	ug/kg	50	47.00	94.0	

QUALITY CONTROL DATA

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Base Project Number: 10979
Client Project ID: 980616-HO

LABORATORY CONTROL SAMPLE: LCS1036

Analyte	Units	Spike Conc.	LCS Result	Spike % Rec	Percentage
Freon 12	ug/kg	50	50.00	100	
1,1 Dichloropropene	ug/kg	50	51.00	102	
Benzene	ug/kg	50	48.00	96.0	
1,2 Dichloroethane	ug/kg	50	49.00	98.0	
Trichloroethene	ug/kg	50	49.00	98.0	
1,2 Dichloropropane	ug/kg	50	48.00	96.0	
Bromodichloromethane	ug/kg	50	49.00	98.0	
Dibromomethane	ug/kg	50	49.00	98.0	
Toluene	ug/kg	50	52.00	104	
1,3 Trichloropropene	ug/kg	50	51.00	102	
Tetrachloroethene	ug/kg	50	49.00	98.0	
1,4 Dichloropropane	ug/kg	50	44.00	88.0	
Dibromochloropropane	ug/kg	50	49.00	98.0	
Chlorobenzene	ug/kg	50	51.00	102	
Ethylbenzene	ug/kg	50	50.00	100	
1,1,2 Tetrachloroethane	ug/kg	50	53.00	106	
Ethylbenzene	ug/kg	50	49.00	98.0	
Meta Xylene	ug/kg	100	94.00	94.0	
Xylene (1,2 Dimethylbenzene)	ug/kg	50	50.00	100	
Styrene	ug/kg	50	52.00	104	
Bromoform	ug/kg	50	51.00	102	
Isopropylbenzene (Cumene)	ug/kg	50	51.00	102	
1,1,2,2 Tetrachloroethane	ug/kg	50	48.00	96.0	
Bromobenzene	ug/kg	50	50.00	100	
1,2,3 Trichloropropane	ug/kg	50	44.00	88.0	
Propylbenzene	ug/kg	50	44.00	88.0	
2 Chlorotoluene	ug/kg	50	43.00	86.0	
1,3,5 Trimethylbenzene	ug/kg	50	48.00	96.0	
4 Chlorotoluene	ug/kg	50	44.00	88.0	
1,2,4 Trimethylbenzene	ug/kg	50	48.00	96.0	
Sec Butylbenzene	ug/kg	50	47.00	94.0	
Para Isopropyltoluene	ug/kg	50	49.00	98.0	
1,3 Dichlorobenzene	ug/kg	50	50.00	100	
1,4 Dichlorobenzene	ug/kg	50	49.00	98.0	
N Butylbenzene	ug/kg	50	51.00	102	
1,2 Dichlorobenzene	ug/kg	50	50.00	100	
1,2 Dibromo 3 Chloropropane	ug/kg	50	49.00	98.0	
1,2,4 Trichlorobenzene	ug/kg	50	47.00	94.0	
Naphthalene	ug/kg	50	50.00	100	
Hexachlorobutadiene	ug/kg	50	52.00	104	
Naphthalene	ug/kg	50	47.00	94.0	

QUALITY CONTROL DATA

DATE: 07/29/98
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Pace Project Number: 10709
Client Project ID: 980616 05

LABORATORY CONTROL SAMPLE: 137454

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Qualifiers
1,2,3-Trichlorobenzene	ug/kg	50	51.00	102	
1,2,4-Trichlorobenzene	ug/kg	50	51.00	102	
1,2-Dichlorobenzene	ug/kg	50	51.00	102	
1,2-Diphenylhydrazine (1)				96	
1,3-Dichlorobenzene (1)				92	
1,4-Dichlorobenzene (1)				94	
2,4,5-Trichlorophenol				80	

QUALITY CONTROL DATA

DATE: 07/29/98
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Curtis & Tompkins, Ltd. Analytical Lab. Branch 95
2323 Fifth Street
Berkeley, CA 94710

Date Received: 07/17/98
Client Project ID: 960416.05

Attn: Mr. Richard Villarubia
Phone: (562)498-0142

Batch ID: 54020
Analysis Method: EPA 8260
Associated Lab Samples: 10686919

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOA by 8260
10686920 10686988

METHOD BLANK: 107404
Associated Lab Samples:

		10686919	10686920	10686988
			Method	
			Blank	
Parameter		Units	Result	PQL
Dichlorodifluoromethane		ug/kg	ND	5
Chloromethane		ug/kg	ND	5
Vinyl Chloride		ug/kg	ND	5
Bromomethane		ug/kg	ND	5
Chloroethane		ug/kg	ND	5
Trichlorofluoromethane		ug/kg	ND	5
Methylene Chloride		ug/kg	ND	5
1,1-Dichloroethene		ug/kg	ND	5
trans-1,2-Dichloroethene		ug/kg	ND	5
1,1-Dichloroethane		ug/kg	ND	5
2,2-Dichloropropane		ug/kg	ND	5
cis-1,2-Dichloroethene		ug/kg	ND	5
Chloroform		ug/kg	ND	5
Bromochloromethane		ug/kg	ND	5
1,1,1-Trichloroethane		ug/kg	ND	5
Carbon Tetrachloride		ug/kg	ND	5
1,1-Dichloropropene		ug/kg	ND	5
Benzene		ug/kg	ND	5
1,2-Dichloroethane		ug/kg	ND	5
Trichloroethene		ug/kg	ND	5
1,2-Dichloropropane		ug/kg	ND	5
Dibromomethane		ug/kg	ND	5
Bromodichloromethane		ug/kg	ND	5
Toluene		ug/kg	ND	5
1,1,2-Trichloroethane		ug/kg	ND	5

Base Project Number: 197979
Client Project ID: 980416 QS

METHOD BLANK: 1071464
Associated Lab Samples:

	196869.19	196869.20	196988
Parameter	Units	Method Blank Result	RPD	Qualifiers
Dichlorodifluoromethane	ug/kg	ND	5	
1,2-Dichloropropane	ug/kg	ND	5	
Dibromomethane	ug/kg	ND	5	
1,2,3-Trichloropropane	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
n-Butylbenzene	ug/kg	ND	5	
o-Xylene	ug/kg	ND	5	
1,2-Dimethylbenzene (o-Xylene)	ug/kg	ND	5	
Acetone	ug/kg	ND	5	
Isopropylbenzene	ug/kg	ND	5	
4-Isopropyltoluene (Cumene)	ug/kg	ND	5	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
1,2,4-Trichlorobenzene	ug/kg	ND	5	
n-Propylbenzene	ug/kg	ND	5	
Chloroethane	ug/kg	ND	5	
1,3,5-Trimethylbenzene	ug/kg	ND	5	
Chloroethene	ug/kg	ND	5	
1,2,4-Trimethylbenzene	ug/kg	ND	5	
tert-Butylbenzene	ug/kg	ND	5	
sec-Butylbenzene	ug/kg	ND	5	
p-Isopropyltoluene	ug/kg	ND	5	
1,4-Dichlorobenzene	ug/kg	ND	5	
4-Chlorotoluene	ug/kg	ND	5	
n-Butylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
1,2-Dibromo-3-Chloropropane	ug/kg	ND	5	
1,2,4-Trichlorobenzene	ug/kg	ND	5	
Dichlorodifluoromethane	ug/kg	ND	5	
Naphthalene	ug/kg	6.5	5	
1,2,3-Trichlorobenzene	ug/kg	ND	5	
Trans-1,3-Dichloropropene	ug/kg	ND	5	
cis-1,3-Dichloropropene	ug/kg	ND	5	
Chloroethyl Vinyl Ether	ug/kg	ND	5	
Xylene	ug/kg	8.4	10	1,4
Butanone	ug/kg	ND	10	
4-Methyl-2-Pentanone	ug/kg	ND	10	

Data Project Number: 107979
Client Project ID: 980616 BG

METHOD BLANK: 107(446
Associated Data Samples:

Parameter	Units	10d6939 Method Blank Result	10d6970 PQL	10d6984 Footnotes
Iron Dissolved	ug/kg	ND	10	
Acetone	ug/kg	ND	100	
Allyl Acetate	ug/kg	ND	100	
Methyl-tert-butyl Ether	ug/kg	ND	5	
Benzyl	ug/kg	ND	500	
Isopropyl Ether	ug/kg	ND	5	
Ethyl tert-butyl ether	ug/kg	ND	5	
Tert-Amylmethyl ether	ug/kg	ND	5	
2-Methyl-2 propanol	ug/kg	ND	100	
Dibromofluoromethane (S)	%	96		
Toluene-d8 (S)	%	97		
Bromofluorobenzene (S)	%	80		
1,2 Dichloroethane-d4 (S)	%	93		

LABORATORY CONTROL SAMPLE: 107(447

Parameter	Units	Spike Conc.	Lab Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	50	42.00	84.0	
Chloromethane	ug/kg	50	44.00	88.0	
Vinyl Chloride	ug/kg	50	52.00	104	
Bromomethane	ug/kg	50	1,900	3,800	1,7
Chloroethane	ug/kg	50	35.00	70.0	7
Dichlorofluoromethane	ug/kg	50	52.00	104	
Methylene Chloride	ug/kg	50	46.00	92.0	
Carbon Disulfide	ug/kg	50	47.00	94.0	
Trans 1,2 Dichloroethene	ug/kg	50	45.00	90.0	
1,1 Dichloroethane	ug/kg	50	47.00	94.0	
2-Chloropropene	ug/kg	50	46.00	92.0	
Cis-1,2 Dichloroethene	ug/kg	50	46.00	92.0	
Chloroform	ug/kg	50	46.00	92.0	
Bromochloromethane	ug/kg	50	49.00	98.0	
1,1,1 Trichloroethane	ug/kg	50	47.00	94.0	
Carbon Tetrachloride	ug/kg	50	48.00	96.0	
1-Chloropropene	ug/kg	50	47.00	94.0	
Benzene	ug/kg	50	48.00	96.0	
1,2 Dichloroethane	ug/kg	50	46.00	92.0	

Data Project Number: 137979
Client Project ID: 9804L05

LABORATORY CONTROL SAMPLE: LCS14479

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Recommended
Dichlorodifluoro	ug/kg	50	47.00	94.0	
Chloromethane	ug/kg	50	47.00	94.0	
Vinyl chloride	ug/kg	50	48.00	96.0	
Bromomethane	ug/kg	50	47.00	94.0	
Chloroethane	ug/kg	50	50.00	100	
1,1-Dichloroethene	ug/kg	50	49.00	98.0	
Methylene chloride	ug/kg	50	44.00	88.0	
trans-1,2-Dichloroethene	ug/kg	50	45.00	90.0	
Chloroform	ug/kg	50	48.00	96.0	
1,2-Dichloroethane	ug/kg	50	51.00	102	
Carbon tetrachloride	ug/kg	50	48.00	96.0	
1,1,1-Trichloroethane	ug/kg	50	48.00	96.0	
Bromodichloromethane	ug/kg	50	48.00	96.0	
1,1,2-Trichloroethane	ug/kg	100	88.00	88.0	
Benzene	ug/kg	50	49.00	98.0	
Xylene (1,2-Dimethylbenzene)	ug/kg	50	51.00	102	
Styrene	ug/kg	50	48.00	96.0	
Dibromochloro	ug/kg	50	50.00	100	
Trichloroethene (Common)	ug/kg	50	49.00	98.0	
1,2,2-Tetrachloroethane	ug/kg	50	46.00	92.0	
Toluene	ug/kg	50	47.00	94.0	
1,3-Dichloropropane	ug/kg	50	46.00	92.0	
n-Propylbenzene	ug/kg	50	45.00	90.0	
2-Chlorotoluene	ug/kg	50	52.00	104	
1,3,5-Trimethylbenzene	ug/kg	50	49.00	98.0	
Chlorotoluene	ug/kg	50	48.00	96.0	
1,2,4-Trimethylbenzene	ug/kg	50	47.00	94.0	
sec-Butylbenzene	ug/kg	50	48.00	96.0	
tert-Butylbenzene	ug/kg	50	46.00	92.0	
p-Isopropyltoluene	ug/kg	50	47.00	94.0	
1,3-Dichlorobenzene	ug/kg	50	48.00	96.0	
1,4-Dichlorobenzene	ug/kg	50	47.00	94.0	
n-Butylbenzene	ug/kg	50	54.00	108	
1,2-Dichlorobenzene	ug/kg	50	49.00	98.0	
1,2-Dibromo-3-Chloropropane	ug/kg	50	45.00	90.0	
1,2,4-Trichlorobenzene	ug/kg	50	65.00	130	
Hexachlorobutadiene	ug/kg	50	59.00	118	
Naphthalene	ug/kg	50	55.00	110	
1,2,3-Trichlorobenzene	ug/kg	50	63.00	126	
Dibromofluoromethane (S)				94	
1,2-Dichloroethane-d4 (S)	ug/kg	50	48.00	96.0	
Toluene-d8 (S)	ug/kg	50	48.00	96.0	

QUALITY CONTROL DATA

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Data Project Number: 107979
Client Project ID: 900034-01

LABORATORY CONTROL SAMPLE: 107979LCS

Parameter	Blank	Spike Conc.	LCS Result	Spike % Rec	Reference
Trans-1,2-Dichloroethene (2)				92	
1,1,2,2-Tetrachloroethane (2)				94	
Trichloroethene (2)				86	

QUALITY CONTROL DATA

DATE: 07/29/98
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Re: Analytical Resources Inc
38 Tillman Street
Long Beach, CA 90813

Work Project Number: 1099/m
Client Project ID: 980616 QC

Attn: Mr. Richard Villalobos
Phone: (562)426-9544

Lab Code: 14602
Matrix Method: EPA 8260
Associated Lab Samples: 106806P3

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260
106806A0

LCS/LCSD Batch: 107495x7
Associated Lab Samples:

	106806P3	106806A0			
		Method			
		Blank			
Analyte	Units	Results	PQL		Results
Dichlorodifluoromethane	ug/kg	ND	5		
Chloromethane	ug/kg	ND	5		
Vinyl Chloride	ug/kg	ND	5		
Bromomethane	ug/kg	ND	5		
Chloroethane	ug/kg	ND	5		
Trichlorofluoromethane	ug/kg	ND	5		
Methylene Chloride	ug/kg	1.1	5		1.4
1,1-Dichloroethene	ug/kg	ND	5		
trans-1,2-Dichloroethene	ug/kg	ND	5		
1,1-Dichloroethane	ug/kg	ND	5		
2,2-Dichloropropane	ug/kg	ND	5		
cis-1,2-Dichloroethene	ug/kg	ND	5		
Chloroform	ug/kg	ND	5		
Bromochloromethane	ug/kg	ND	5		
1,1,1-Trichloroethane	ug/kg	ND	5		
Carbon Tetrachloride	ug/kg	ND	5		
1,1-Dichloropropene	ug/kg	ND	5		
Benzene	ug/kg	ND	5		
1,2-Dichloroethane	ug/kg	ND	5		
Trichloroethene	ug/kg	ND	5		
1,2-Dichloropropane	ug/kg	ND	5		
Dibromomethane	ug/kg	ND	5		
Toluene	ug/kg	ND	5		
Tetrachloroethene	ug/kg	ND	5		
1,3-Dichloropropane	ug/kg	ND	5		
Dibromochloromethane	ug/kg	ND	5		
1,2-Dibromoethane	ug/kg	ND	5		
Chlorobenzene	ug/kg	ND	5		
Ethylbenzene	ug/kg	ND	5		
m,p-Xylenes	ug/kg	ND	5		
o-Xylene	ug/kg	ND	5		
Styrene	ug/kg	ND	5		
Bromoform	ug/kg	ND	5		
Isopropylbenzene	ug/kg	ND	5		
1,1,2,2-Tetrachloroethane	ug/kg	ND	5		

QUALITY CONTROL DATA

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Pace Project Number: 107026
Client Project ID: 980616 01

PROJ BLANK 107 (N) 63

Associated Pace Samples:

Parameter	Units	106968.2 Method Blank Result	PRL	Method Ref.
Trichlorofluoromethane	ug/kg	ND	5	
1,1-Dichloropropene	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,2-Dibromoethane	ug/kg	ND	5	
Chlorobenzene	ug/kg	ND	5	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5	
Ethylbenzene	ug/kg	ND	5	
m,p-Xylene	ug/kg	ND	5	
o-Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
Bromoform	ug/kg	ND	5	
Isopropylbenzene (Cumene)	ug/kg	ND	5	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
1,2,3-Trichloropropane	ug/kg	ND	5	
n-Propylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
1,3,5-Trimethylbenzene	ug/kg	ND	5	
4-Chlorotoluene	ug/kg	ND	5	
tert-Butylbenzene	ug/kg	ND	5	
1,2,4-Trimethylbenzene	ug/kg	ND	5	
sec-Butylbenzene	ug/kg	ND	5	
p-Isopropyltoluene	ug/kg	ND	5	
1,3-Dichlorobenzene	ug/kg	ND	5	
1,4-Dichlorobenzene	ug/kg	ND	5	
n-Butylbenzene	ug/kg	ND	5	
1,2-Dichlorobenzene	ug/kg	ND	5	
1,2-Dibromo-3-Chloropropane	ug/kg	ND	5	
1,2,4-Trichlorobenzene	ug/kg	ND	5	
Hexachlorobutadiene	ug/kg	ND	5	
Naphthalene	ug/kg	ND	5	
1,2,3-Trichlorobenzene	ug/kg	ND	5	
Total 1,3-Dichloropropene	ug/kg	ND	5	
cis-1,4-Dichloropropene	ug/kg	ND	5	
Dibromomethyl Vinyl Ether	ug/kg	ND	5	
Freon	ug/kg	34	10	4
Styrene	ug/kg	ND	10	
4-Methyl-2-Pentanone	ug/kg	ND	10	

Base Project Number: 107999
Client Project ID: [illegible]

METHOD BLANK: 107991[illegible]

Analyzed Date: [illegible]

Parameter	Units	10-86822	10-86830 Method Blank Result	PRL	Qualifiers
Dibromochloromethane	ug/kg		ND	10	
Benzene	ug/kg		ND	100	
Ethyl Acetate	ug/kg		ND	100	
Methyl tert-butyl ether	ug/kg		ND	5	
Toluene	ug/kg		ND	500	
Chlorobenzene	ug/kg		ND	5	
Ethylbenzene	ug/kg		ND	5	
m,p-Xylene	ug/kg		ND	5	
2-Methyl-2-propanol	ug/kg		ND	100	
Dibromofluoromethane (SS)	%		92		
Toluene-d8 (SS)	%		100		
Bromofluorobenzene (SS)	%		94		
1,2-Dichloroethane-d4 (SS)	%		104		

MATRIX CONTROL SAMPLE: 107991[illegible]

Parameter	Units	Spike Conc	LCS Result	Spike % Rec	Qualifiers
Dichlorodifluoromethane	ug/kg	50	85.00	170	*
Chloromethane	ug/kg	50	44.00	88.0	
Vinyl Chloride	ug/kg	50	80.00	160	
Bromomethane	ug/kg	50	36.00	72.0	
Chloroethane	ug/kg	50	65.00	130	
Trichlorofluoromethane	ug/kg	50	56.00	112	
Ethylene Chloride	ug/kg	50	48.00	96.0	
1,1-Dichloroethene	ug/kg	50	54.00	108	
1,1-Dichloroethane	ug/kg	50	54.00	108	
trans-1,2-Dichloroethene	ug/kg	50	53.00	106	
1,2-Dichloroethane	ug/kg	50	50.00	100	
Chloroform	ug/kg	50	47.00	94.0	
Carbon Tetrachloride	ug/kg	50	47.00	94.0	
1,1,1-Trichloroethane	ug/kg	50	47.00	94.0	
Trichloroethene	ug/kg	50	46.00	92.0	
1,2-Dichloropropane	ug/kg	50	54.00	108	
Benzene	ug/kg	50	51.00	102	
1,1-Dichloroethene	ug/kg	50	49.00	98.0	

QUALITY CONTROL DATA

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Base Project Number: 187979
Client Project ID: 9806140.01

LABORATORY CONTROL SAMPLES: LCS19177

Parameter	Units	Spike Conc.	LCS Results	Spike % Rec	Compounds
Chloromethane	ug/kg	50	48.00	96.0	
1,2 Dichloropropane	ug/kg	50	51.00	102	
Dibromochloromethane	ug/kg	50	49.00	98.0	
Bromoform	ug/kg	50	47.00	94.0	
Benzene	ug/kg	50	50.00	100	
1,3 Trichloropropane	ug/kg	50	49.00	98.0	
Tetrachloroethene	ug/kg	50	49.00	98.0	
2,2 Dichloropropane	ug/kg	50	47.00	94.0	
Bromochloromethane	ug/kg	50	45.00	90.0	
Dibromomethane	ug/kg	50	44.00	88.0	
Chloroform	ug/kg	50	47.00	94.0	
1,1,1,2 Tetrachloroethane	ug/kg	50	46.00	92.0	
Ethylbenzene	ug/kg	50	50.00	100	
m,p-Xylene	ug/kg	100	94.00	94.0	
o-Xylene (1,2 Dimethylbenzene)	ug/kg	50	47.00	94.0	
Styrene	ug/kg	50	47.00	94.0	
Bromoform	ug/kg	50	41.00	82.0	
Isopropylbenzene (Cumene)	ug/kg	50	47.00	94.0	
1,2,2,2 Tetrachloroethane	ug/kg	50	43.00	86.0	
Bromobenzene	ug/kg	50	46.00	92.0	
1,2,3 Trichloropropane	ug/kg	50	43.00	86.0	
n-Propylbenzene	ug/kg	50	48.00	96.0	
2-Chlorotoluene	ug/kg	50	47.00	94.0	
1,3,5 Trimethylbenzene	ug/kg	50	45.00	90.0	
4-Chlorotoluene	ug/kg	50	46.00	92.0	
1,2,4 Trimethylbenzene	ug/kg	50	43.00	86.0	
tert-Butylbenzene	ug/kg	50	44.00	88.0	
1,2,4 Trichlorobenzene	ug/kg	50	43.00	86.0	
sec-Butylbenzene	ug/kg	50	44.00	88.0	
p-Isopropyltoluene	ug/kg	50	44.00	88.0	
1,3 Dichlorobenzene	ug/kg	50	45.00	90.0	
1,4 Dichlorobenzene	ug/kg	50	44.00	88.0	
n-Butylbenzene	ug/kg	50	44.00	88.0	
1,2 Dichlorobenzene	ug/kg	50	44.00	88.0	
1,2-Dibromo-3-Chloropropane	ug/kg	50	39.00	78.0	
1,2,4 Trichlorobenzene	ug/kg	50	39.00	78.0	
Hexachlorobutadiene	ug/kg	50	40.00	80.0	
Naphthalene	ug/kg	50	47.00	94.0	
1,2,3 Trichlorobenzene	ug/kg	50	38.00	76.0	
1,2,4 Trimethylbenzene	ug/kg	50	46.00	92.0	
Dibromofluoromethane (S)				92	

QUALITY CONTROL DATA

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Page Proposal Number: 107929
Client Project ID: 980410-HC

LABORATORY CONTROL SAMPLE: 102172S

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec.	Percent Rec
Acrolein (CAS: [illegible])				0%	
Acrylonitrile (CAS: [illegible])				0%	
Benzene (CAS: [illegible])				0%	

Pace Project Number 10949
Client Project ID: 98A1 SS

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Calculated with EPA guidelines Unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
NC	Not Calculable
PQL	Pace Reporting Limit
RPD	Relative Percent Difference
SS	Surrogate
J	Reported but below the PQL; Results are an estimated concentration (CLP J Flag)
M1	The surrogate and/or spike recovery was outside acceptance limits.
M3	The Calculated RPD was outside QC acceptance limits.
B4	Common laboratory contaminant.
Z	The following compounds were analyzed with a one point calibration: Ethyl tertiarybutyl ether, Isopropyl Ether, Tert Amylmethyl ether, 2-Methyl 2-propanol and Ethanol
V1	
V2	The continuing calibration for this compound was outside the method control limits. The result for this compound should be considered an estimate.

SITE INVESTIGATION REPORT
VOLUME 12 (APPENDIX C)

WEST APPROACH PROJECT INCLUDING
TRANSBAY TERMINAL LOOP
SAN FRANCISCO, CALIFORNIA

prepared for

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

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

prepared by

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
Environmental Engineering Branch
&
Professional Service Industries, Inc.
1320 West Winton Avenue
Hayward, California 94545
(510) 785-1111

June, 1999
575-8G001

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 02/03/99
Date Received: 02/05/99
Job Number: 14401

Project: Caltrans: Bay Bridge West Approach

CASE NARRATIVE

The following information applies to samples which were received on 02/05/99 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

7471: The result for mercury in some samples exceeded the calibration range. Due to a deficiency in EPA Method 7471, re-analysis at a dilution is not possible; mercury was reported from the initial run as an estimated value.

Report approved by:

Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL : Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions.
ND : Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit.
NA Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for.

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Digested:	02/09/99
Matrix:	Soil	Date Analyzed:	02/10-12/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1138

		Sample ID:	Blank	R3-2-30	B13-1	B13-3	B13-6	A18-1
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	NA	ND	ND	ND	ND
Arsenic	6010	5.0	ND	NA	11	11	11	15
Barium	6010	5.0	ND	NA	70	49	130	75
Beryllium	6010	5.0	ND	NA	ND	ND	ND	ND
Cadmium	6010	2.5	ND	NA	ND	ND	ND	ND
Chromium	6010	2.5	ND	NA	38	23	19	51
Cobalt	6010	2.5	ND	NA	8.2	2.7	5.8	13
Copper	6010	2.5	ND	NA	37	20	16	16
Lead	6010	5.0	ND	36	260	10	11	6.6
Mercury	7471	0.10	ND	NA	0.64	ND	ND	ND
Molybdenum	6010	5.0	ND	NA	ND	ND	ND	ND
Nickel	6010	5.0	ND	NA	36	23	23	43
Selenium	6010	10	ND	NA	ND	ND	ND	ND
Silver	6010	5.0	ND	NA	22	ND	ND	ND
Thallium	6010	10	ND	NA	ND	ND	ND	ND
Vanadium	6010	5.0	ND	NA	35	30	21	52
Zinc	6010	5.0	ND	NA	94	31	42	38

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/09/99
Date Analyzed: 02/10-12/99
Batch Number: 6010S1138

		Sample ID:	A18-3	A18-6	A15-1	A15-3	A15-5	A14-1
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	12	13	12	11	15	9.7
Barium	6010	5.0	75	63	66	110	170	130
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	58	47	85	53	44	43
Cobalt	6010	2.5	12	9.6	20	11	9.5	10
Copper	6010	2.5	16	15	5.8	14	80	14
Lead	6010	5.0	5.9	8.0	6.5	64	460	67
Mercury	7471	0.10	ND	ND	ND	0.23	0.42	ND
Molybdenum	6010	5.0	ND	ND	ND	ND	ND	ND
Nickel	6010	5.0	49	37	34	44	30	33
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	53	43	78	45	38	39
Zinc	6010	5.0	39	38	20	74	410	70

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Digested:	02/09/99
Matrix:	Soil	Date Analyzed:	02/10-12/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1136

		Sample ID:	A14-3	A14-5	A17-1	A17-3	A17-5	A17-10
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	8.8	ND	7.5	15	11	8.9
Barium	6010	5.0	100	71	92	160	74	45
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	45	11	20	47	45	90
Cobalt	6010	2.5	6.8	3.8	11	15	8.0	5.8
Copper	6010	2.5	14	5.8	14	49	7.4	6.1
Lead	6010	5.0	140	6.3	11	280	ND	5.2
Mercury	7471	0.10	ND	ND	ND	0.10	ND	ND
Molybdenum	6010	5.0	ND	ND	ND	5.8	ND	5.2
Nickel	6010	5.0	27	12	20	38	43	33
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	39	20	22	42	36	42
Zinc	6010	5.0	62	22	38	130	27	20

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Digested:	02/09/99
Matrix:	Soil	Date Analyzed:	02/10-12/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1138

		Sample ID:	A17-15	A5-1	A5-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND
Arsenic	6010	5.0	**25**	**15**	**22**
Barium	6010	5.0	**160**	**140**	**240**
Beryllium	6010	5.0	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND
Chromium	6010	2.5	**90**	**57**	**35**
Cobalt	6010	2.5	**31**	**13**	**14**
Copper	6010	2.5	**9.8**	**22**	**30**
Lead	6010	5.0	ND	**26**	**25**
Mercury	7471	0.10	ND	ND	ND
Molybdenum	6010	5.0	**7.6**	**5.6**	**6.5**
Nickel	6010	5.0	**64**	**46**	**47**
Selenium	6010	10	ND	ND	ND
Silver	6010	5.0	ND	ND	ND
Thallium	6010	10	ND	ND	ND
Vanadium	6010	5.0	**96**	**45**	**34**
Zinc	6010	5.0	**34**	**55**	**75**

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Digested:	02/10/99
Matrix:	Soil	Date Analyzed:	02/12-15/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1139

		Sample ID:	Blank	A5-5	A5-10	A5-15	A7-1	A7-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	ND	18	ND	12	13	14
Barium	6010	5.0	ND	130	10	21	180	130
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	ND	38	29	43	24	34
Cobalt	6010	2.5	ND	14	3.7	5.7	12	9.1
Copper	6010	2.5	ND	17	25	11	17	32
Lead	6010	5.0	ND	17	ND	6.2	16	84
Mercury	7471	0.10	ND	ND	ND	ND	ND	0.10
Molybdenum	6010	5.0	ND	8.2	ND	8.2	5.3	6.3
Nickel	6010	5.0	ND	40	17	38	25	28
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	25	8.3	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	ND	39	26	35	28	35
Zinc	6010	5.0	ND	43	15	40	47	88

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Digested:	02/10/99
Matrix:	Soil	Date Analyzed:	02/12-15/99
Analyst:	RVJ/RLB/TLR	Batch Number:	601051139

		Sample ID:	A7-5	A7-10	A7-15	A6-1	A6-3	A6-5
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	15	5.0	13	18	18	14
Barium	6010	5.0	14	23	110	110	130	83
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	53	32	66	59	58	79
Cobalt	6010	2.5	11	4.4	11	16	16	13
Copper	6010	2.5	13	3.1	12	14	16	13
Lead	6010	5.0	9.9	ND	6.3	49	37	13
Mercury	7471	0.10	ND	ND	ND	0.21	ND	ND
Molybdenum	6010	5.0	6.9	ND	6.5	7.0	7.2	8.7
Nickel	6010	5.0	42	19	34	58	51	55
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	46	27	51	54	54	65
Zinc	6010	5.0	46	18	31	82	96	42

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Digested:	02/10/99
Matrix:	Soil	Date Analyzed:	02/12-15/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1139

		Sample ID:	A6-10	A6-15	A4-1	A4-3	A4-5	A4-10
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	5.8	ND	15	22	11	ND
Barium	6010	5.0	20	19	97	380	69	14
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	31	33	48	22	35	28
Cobalt	6010	2.5	3.6	4.0	12	15	6.4	3.5
Copper	6010	2.5	46	67	27	37	17	2.9
Lead	6010	5.0	35	43	21	180	65	ND
Mercury	7471	0.10	2.7	3.4	0.12	0.12	ND	ND
Molybdenum	6010	5.0	ND	ND	8.4	8.8	5.1	ND
Nickel	6010	5.0	19	22	62	46	32	18
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	25	27	36	26	27	21
Zinc	6010	5.0	69	59	65	73	66	15

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Digested:	02/10/99
Matrix:	Soil	Date Analyzed:	02/12-15/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1139

		Sample ID:	A4-15	A3-1	A3-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND
Arsenic	6010	5.0	11	18	33
Barium	6010	5.0	18	170	360
Beryllium	6010	5.0	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND
Chromium	6010	2.5	46	35	17
Cobalt	6010	2.5	5.9	11	21
Copper	6010	2.5	14	29	34
Lead	6010	5.0	8.3	120	34
Mercury	7471	0.10	ND	0.39	0.12
Molybdenum	6010	5.0	6.0	8.5	11
Nickel	6010	5.0	41	30	55
Selenium	6010	10	ND	ND	ND
Silver	6010	5.0	ND	ND	ND
Thallium	6010	10	ND	ND	ND
Vanadium	6010	5.0	42	37	25
Zinc	6010	5.0	44	100	86

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Digested:	02/11/99
Matrix:	Soil	Date Analyzed:	02/15-16/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1141

		Sample ID:	Blank	A3-5	A3-10	A3-15	A2-1	A2-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	ND	14	7.3	15	14	14
Barium	6010	5.0	ND	170	72	21	69	90
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	ND	29	30	43	59	54
Cobalt	6010	2.5	ND	8.0	3.8	5.8	8.5	9.4
Copper	6010	2.5	ND	15	17	13	11	12
Lead	6010	5.0	ND	42	160	7.1	33	20
Mercury	7471	0.10	ND	0.13	2.5	ND	ND	ND
Molybdenum	6010	5.0	ND	9.2	ND	8.9	7.2	7.4
Nickel	6010	5.0	ND	30	19	42	30	34
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	ND	27	26	36	48	46
Zinc	6010	5.0	ND	390	140	49	48	40

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Digested:	02/11/99
Matrix:	Soil	Date Analyzed:	02/15-16/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1141

		Sample ID:	A2-5	A2-10	A2-15	A1-1	A1-3	A1-5
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	8.1	7.4	ND	11	10	11
Barium	6010	5.0	82	240	6.6	90	87	84
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	14	26	21	63	55	57
Cobalt	6010	2.5	ND	5.3	3.2	9.7	9.5	8.8
Copper	6010	2.5	21	22	2.6	14	14	13
Lead	6010	5.0	320	240	ND	36	58	37
Mercury	7471	0.10	16*	9.1*	0.20	0.19	0.10	0.18
Molybdenum	6010	5.0	ND	ND	ND	ND	ND	ND
Nickel	6010	5.0	11	21	15	32	33	36
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	13	29	17	48	45	44
Zinc	6010	5.0	300	130	13	47	47	49

*These concentrations for Mercury are estimated values; see Case Narrative.

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Digested:	02/11/99
Matrix:	Soil	Date Analyzed:	02/15-16/99
Analyst:	RVJ/RLB/TLR	Batch Number:	601051141

			Sample ID:	A1-10	A1-15
Element	**Method #**	**DL**		**mg/Kg**	**mg/Kg**
Antimony	6010	5.0		ND	ND
Arsenic	6010	5.0		**9.8**	**6.1**
Barium	6010	5.0		**70**	**9.4**
Beryllium	6010	5.0		ND	ND
Cadmium	6010	2.5		ND	ND
Chromium	6010	2.5		**31**	**36**
Cobalt	6010	2.5		**5.1**	**4.1**
Copper	6010	2.5		**16**	**3.1**
Lead	6010	5.0		**200**	ND
Mercury	7471	0.10		**0.96**	ND
Molybdenum	6010	5.0		ND	ND
Nickel	6010	5.0		**20**	**20**
Selenium	6010	10		ND	ND
Silver	6010	5.0		ND	ND
Thallium	6010	10		ND	ND
Vanadium	6010	5.0		**27**	**28**
Zinc	6010	5.0		**210**	**17**

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1138
MS/MSD Sample ID: A18-3

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	19.5	18.4	6%	20%	Pass	50	120	75 - 125	Pass
Arsenic	66.2	64.8	2%	20%	Pass	50	104	75 - 125	Pass
Barium	127	126	0%	20%	Pass	50	99	75 - 125	Pass
Beryllium	39.7	40.3	1%	20%	Pass	50	98	75 - 125	Pass
Cadmium	48.0	48.3	1%	20%	Pass	50	99	75 - 125	Pass
Chromium	120	123	2%	20%	Pass	50	103	75 - 125	Pass
Cobalt	51.1	51.3	0%	20%	Pass	50	102	75 - 125	Pass
Copper	65.8	65.5	0%	20%	Pass	50	100	75 - 125	Pass
Lead	56.1	56.6	3%	20%	Pass	50	101	75 - 125	Pass
Mercury	2.66	2.66	0%	20%	Pass	2.5	104	75 - 125	Pass
Molybdenum	52.8	53.0	0%	20%	Pass	50	101	75 - 125	Pass
Nickel	99.2	99.1	0%	20%	Pass	50	101	75 - 125	Pass
Selenium	50.6	49.9	1%	20%	Pass	50	100	75 - 125	Pass
Silver**	49.0	50.0	2%	20%	Pass	50	98	75 - 125	Pass
Thallium	48.5	49.6	2%	20%	Pass	50	86	75 - 125	Pass
Vanadium	107	108	1%	20%	Pass	50	103	75 - 125	Pass
Zinc	88.9	89.4	1%	20%	Pass	50	114	75 - 125	Pass

Analytical Notes

**The MS/MSD for this analyte did not meet the acceptance criteria due to a sample matrix effect. The LCS / LCSD pair was used to provide precision data for this batch.

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1139
MS/MSD Sample ID: A7-10

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	38.1	37.8	1%	20%	Pass	50	101	75 - 125	Pass
Arsenic	49.7	51.1	3%	20%	Pass	50	95	75 - 125	Pass
Barium	66.3	70.9	7%	20%	Pass	50	96	75 - 125	Pass
Beryllium	42.4	43.4	2%	20%	Pass	50	93	75 - 125	Pass
Cadmium	46.0	47.4	3%	20%	Pass	50	96	75 - 125	Pass
Chromium	79.6	80.6	1%	20%	Pass	50	99	75 - 125	Pass
Cobalt	50.1	51.3	2%	20%	Pass	50	98	75 - 125	Pass
Copper	48.5	49.3	2%	20%	Pass	50	96	75 - 125	Pass
Lead	49.3	51.6	4%	20%	Pass	50	96	75 - 125	Pass
Mercury	2.62	2.71	3%	20%	Pass	2.5	106	75 - 125	Pass
Molybdenum	49.7	50.8	2%	20%	Pass	50	97	75 - 125	Pass
Nickel	64.7	66.4	3%	20%	Pass	50	98	75 - 125	Pass
Selenium	42.7	44.0	3%	20%	Pass	50	91	75 - 125	Pass
Silver	49.3	44.6	10%	20%	Pass	50	91	75 - 125	Pass
Thallium	53.5	54.6	2%	20%	Pass	50	113	75 - 125	Pass
Vanadium	72.6	77.9	7%	20%	Pass	50	99	75 - 125	Pass
Zinc	62.7	65.1	4%	20%	Pass	50	100	75 - 125	Pass

Analytical Notes

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1141
MS/MSD Sample ID: A3-5

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	34.0	39.4	15%	20%	Pass	50	102	75 - 125	Pass
Arsenic	58.1	54.7	6%	20%	Pass	50	99	75 - 125	Pass
Barium	179	164	9%	20%	Pass	50	97	75 - 125	Pass
Beryllium	41.0	43.9	7%	20%	Pass	50	95	75 - 125	Pass
Cadmium	46.2	47.3	3%	20%	Pass	50	98	75 - 125	Pass
Chromium	73.6	70.3	5%	20%	Pass	50	100	75 - 125	Pass
Cobalt	49.9	50.2	1%	20%	Pass	50	99	75 - 125	Pass
Copper	63.0	58.3	8%	20%	Pass	50	99	75 - 125	Pass
Lead**	49.6	49.6	0%	20%	Pass	50	99	75 - 125	Pass
Mercury	2.67	2.69	1%	20%	Pass	2.5	106	75 - 125	Pass
Molybdenum	49.4	49.5	0%	20%	Pass	50	98	75 - 125	Pass
Nickel	65.6	64.1	2%	20%	Pass	50	100	75 - 125	Pass
Selenium	45.8	47.6	4%	20%	Pass	50	95	75 - 125	Pass
Silver	43.5	44.6	2%	20%	Pass	50	93	75 - 125	Pass
Thallium	46.1	48.7	6%	20%	Pass	50	111	75 - 125	Pass
Vanadium	73.1	72.7	1%	20%	Pass	50	99	75 - 125	Pass
Zinc**	50.8	50.8	0%	20%	Pass	50	102	75 - 125	Pass

Analytical Notes

** The MS/MSD for this analyte did not meet the acceptance criteria due to a sample matrix effect. The LCS / LCSD pair was used to provide precision data for this batch.

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

Modified 8015 - Fuel Screen

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/08/99
Matrix:	Soil	Date Analyzed:	02/08/99
Analyst:	NBP	Batch Number:	8015DS1547

Fuel Identified:	Motor Oil	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
B13-1	ND	19*	10
B13-3	ND	ND	10
B13-6	ND	14*	10
A18-1	ND	11*	10
A18-3	ND	15*	10
A18-6	ND	ND	10
A15-1	ND	ND	10
A15-3	ND	11*	10
A15-5	ND	ND	10
A14-1	ND	ND	10
A14-3	ND	ND	10
A14-5	ND	ND	10
A17-1	ND	ND	10
A17-3	ND	ND	10
A17-5	ND	ND	10
A17-10	ND	ND	10
A17-15	ND	ND	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as Extractable Hydroc

Modified 8015 - Fuel Screen

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/08/99
Matrix:	Soil	Date Analyzed:	02/8-9/1999
Analyst:	NGP	Batch Number:	8015DS1548

Fuel Identified:	Motor Oil	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
A5-1	ND	ND	10
A5-3	ND	ND	10
A5-5	ND	ND	10
A5-10	ND	ND	10
A5-15	ND	ND	10
A7-1	11*	18*	10
A7-3	ND	ND	10
A7-5	ND	ND	10
A7-10	ND	ND	10
A7-15	ND	ND	10
A6-1	56*	ND	10
A6-3	ND	12*	10
A6-5	ND	ND	10
A6-10	ND	ND	10
A6-15	ND	ND	10
A4-1	88*	16*	10
A4-3	75*	ND	10
A4-5	ND	ND	10
A4-10	ND	ND	10
A4-15	ND	ND	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as indicated.

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Digested:	02/11/99
Matrix:	Soil	Date Analyzed:	02/15-16/99
Analyst:	RVJ/RLB/TLR	Batch Number:	601051141

			Sample ID:	A1-10	A1-15
Element	**Method #**	**DL**		**mg/Kg**	**mg/Kg**
Antimony	6010	5.0		ND	ND
Arsenic	6010	5.0		**9.8**	**6.1**
Barium	6010	5.0		**70**	**9.4**
Beryllium	6010	5.0		ND	ND
Cadmium	6010	2.5		ND	ND
Chromium	6010	2.5		**31**	**36**
Cobalt	6010	2.5		**5.1**	**4.1**
Copper	6010	2.5		**16**	**3.1**
Lead	6010	5.0		**200**	ND
Mercury	7471	0.10		**0.96**	ND
Molybdenum	6010	5.0		ND	ND
Nickel	6010	5.0		**20**	**20**
Selenium	6010	10		ND	ND
Silver	6010	5.0		ND	ND
Thallium	6010	10		ND	ND
Vanadium	6010	5.0		**27**	**28**
Zinc	6010	5.0		**210**	**17**

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1138
MS/MSD Sample ID: A18-3

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	19.5	18.4	6%	20%	Pass	50	120	75 - 125	Pass
Arsenic	66.2	64.8	2%	20%	Pass	50	104	75 - 125	Pass
Barium	127	126	0%	20%	Pass	50	99	75 - 125	Pass
Beryllium	39.7	40.3	1%	20%	Pass	50	98	75 - 125	Pass
Cadmium	48.0	48.3	1%	20%	Pass	50	99	75 - 125	Pass
Chromium	120	123	2%	20%	Pass	50	103	75 - 125	Pass
Cobalt	51.1	51.3	0%	20%	Pass	50	102	75 - 125	Pass
Copper	65.8	65.5	0%	20%	Pass	50	100	75 - 125	Pass
Lead	56.1	56.6	3%	20%	Pass	50	101	75 - 125	Pass
Mercury	2.66	2.66	0%	20%	Pass	2.5	104	75 - 125	Pass
Molybdenum	52.8	53.0	0%	20%	Pass	50	101	75 - 125	Pass
Nickel	99.2	99.1	0%	20%	Pass	50	101	75 - 125	Pass
Selenium	50.6	49.9	1%	20%	Pass	50	100	75 - 125	Pass
Silver**	49.0	50.0	2%	20%	Pass	50	98	75 - 125	Pass
Thallium	48.5	49.6	2%	20%	Pass	50	86	75 - 125	Pass
Vanadium	107	108	1%	20%	Pass	50	103	75 - 125	Pass
Zinc	88.9	89.4	1%	20%	Pass	50	114	75 - 125	Pass

Analytical Notes

**The MS/MSD for this analyte did not meet the acceptance criteria due to a sample matrix effect. The LCS / LCSD pair was used to provide precision data for this batch.

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1139
MS/MSD Sample ID: A7-10

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	38.1	37.8	1%	20%	Pass	50	101	75 - 125	Pass
Arsenic	49.7	51.1	3%	20%	Pass	50	95	75 - 125	Pass
Barium	66.3	70.9	7%	20%	Pass	50	96	75 - 125	Pass
Beryllium	42.4	43.4	2%	20%	Pass	50	93	75 - 125	Pass
Cadmium	46.0	47.4	3%	20%	Pass	50	96	75 - 125	Pass
Chromium	79.6	80.6	1%	20%	Pass	50	99	75 - 125	Pass
Cobalt	50.1	51.3	2%	20%	Pass	50	98	75 - 125	Pass
Copper	48.5	49.3	2%	20%	Pass	50	96	75 - 125	Pass
Lead	49.3	51.6	4%	20%	Pass	50	96	75 - 125	Pass
Mercury	2.62	2.71	3%	20%	Pass	2.5	106	75 - 125	Pass
Molybdenum	49.7	50.8	2%	20%	Pass	50	97	75 - 125	Pass
Nickel	64.7	66.4	3%	20%	Pass	50	98	75 - 125	Pass
Selenium	42.7	44.0	3%	20%	Pass	50	91	75 - 125	Pass
Silver	49.3	44.6	10%	20%	Pass	50	91	75 - 125	Pass
Thallium	53.5	54.6	2%	20%	Pass	50	113	75 - 125	Pass
Vanadium	72.6	77.9	7%	20%	Pass	50	99	75 - 125	Pass
Zinc	62.7	65.1	4%	20%	Pass	50	100	75 - 125	Pass

Analytical Notes

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

Modified 8015 - Fuel Screen

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/08/99
Matrix:	Soil	Date Analyzed:	02/8-9/1999
Analyst:	NGP	Batch Number:	8015DS1548

Fuel Identified:	Motor Oil	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
A5-1	ND	ND	10
A5-3	ND	ND	10
A5-5	ND	ND	10
A5-10	ND	ND	10
A5-15	ND	ND	10
A7-1	11*	18*	10
A7-3	ND	ND	10
A7-5	ND	ND	10
A7-10	ND	ND	10
A7-15	ND	ND	10
A6-1	56*	ND	10
A6-3	ND	12*	10
A6-5	ND	ND	10
A6-10	ND	ND	10
A6-15	ND	ND	10
A4-1	88*	16*	10
A4-3	75*	ND	10
A4-5	ND	ND	10
A4-10	ND	ND	10
A4-15	ND	ND	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as indicated.

Modified 8015 - Fuel Screen

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/09/99
Matrix:	Soil	Date Analyzed:	02/09/99
Analyst:	NBP	Batch Number:	8015DS1549

Fuel Identified:	Diesel	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
A3-1	ND	ND	10
A3-3	ND	ND	10
A3-5	ND	ND	10
A3-10	180	ND	10
A3-15	ND	ND	10
A2-1	ND	ND	10
A2-3	ND	ND	10
A2-5	ND	12*	10
A2-10	37	ND	10
A2-15	ND	ND	10
A1-1	ND	ND	10
A1-3	ND	10*	10
A1-5	ND	ND	10
A1-10	ND	ND	10
A1-15	ND	12*	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as Extractable Hydroc

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1547

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	102	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	102	99	3%	29%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015OS1548

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	100	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A7-15

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	105	102	3%	29%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1549

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	97	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	97	95	2%	29%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: GR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/05-06/99
Batch Number: M18015GS0519
8015GS2085

	Detection Limit	Petroleum Hydrocarbons as Gasoline
Sample ID	mg/kg	mg/kg
Method Blank	0.50	ND
B13-1	0.50	ND
B13-3	0.50	ND
B13-6	0.50	ND
A18-1	0.50	ND
A18-3	0.50	ND
A18-6	0.50	ND
A15-1	0.50	ND
A15-3	0.50	ND
A15-5	0.50	ND
A14-1	0.50	ND
A14-3	0.50	ND
A14-5	0.50	ND
A17-1	0.50	ND
A17-3	0.50	ND
A17-5	0.50	ND
A17-10	0.50	ND
A17-15	0.50	ND
A5-1	0.50	ND
A5-3	0.50	ND
A5-5	0.50	ND

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: GR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/05-08/99
Batch Number: M18015GS0519
8015GS2085
8015GS2087

	Detection Limit	Petroleum Hydrocarbons as Gasoline
Sample ID	mg/kg	mg/kg
Method Blank	0.50	ND
A5-10	0.50	ND
A5-15	0.50	ND
A7-1	0.50	ND
A7-3	0.50	ND
A7-5	0.50	ND
A7-10	0.50	ND
A7-15	0.50	ND
A6-1	0.50	ND
A6-3	0.50	ND
A6-5	0.50	ND
A6-10	0.50	ND
A6-15	0.50	ND
A4-1	0.50	ND
A4-3	0.50	ND
A4-5	0.50	ND
A4-10	0.50	ND
A4-15	0.50	ND
A3-1	0.50	ND
A3-3	0.50	ND
A3-5	0.50	ND

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/08-09/99
Matrix:	Soil	Batch Number:	8015GS2088
Analyst:	GR		8015GS2089

	Detection Limit	Petroleum Hydrocarbons as Gasoline
Sample ID	mg/kg	mg/kg
Method Blank	0.50	ND
A3-10	0.50	0.54
A3-15	0.50	ND
A2-1	0.50	ND
A2-3	0.50	ND
A2-5	0.50	ND
A2-10	0.50	ND
A2-15	0.50	ND
A1-1	0.50	ND
A1-3	0.50	ND
A1-5	0.50	ND
A1-10	0.50	ND
A1-15	0.50	ND

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: M18015GS0519

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	111	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	11.13	10.58	5%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2085

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	95	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A-14-1

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	8.79	8.73	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2087

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	94	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	9.37	9.03	4%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2089

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	94	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	9.37	9.03	4%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2089

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	95	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	9.54	9.75	2%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8020 - BTEX and MtBE

Client: PSI
Project: Caltrans: Bay Bridge West
Job No.: 14401
Matrix: Soil
Analyst: GR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/05-09/99
Batch Number: 8020S2085, 8020S2087
8020S2088, 8020S2089

	Methyl-tert butyl ether	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (BFB)
Detection Limit:	0.005	0.005	0.005	0.005	0.015	Limit: >50%
Sample ID	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Method Blank	ND	ND	ND	ND	ND	96 %
A14-1	ND	ND	ND	ND	ND	87 %
A14-3	ND	ND	ND	ND	ND	88 %
A14-5	ND	ND	ND	ND	ND	95 %
A6-1	ND	ND	ND	ND	ND	84 %
A6-3	ND	ND	ND	ND	ND	94 %
A6-5	ND	ND	ND	ND	ND	95 %
A6-10	ND	ND	ND	ND	ND	95 %
A6-15	ND	ND	ND	ND	ND	94 %
A4-1	ND	ND	ND	ND	ND	97 %
A4-3	ND	ND	ND	ND	ND	79 %
A4-5	ND	ND	ND	ND	ND	94 %
A4-10	ND	ND	ND	ND	ND	98 %
A4-15	ND	ND	ND	ND	ND	77 %
A3-1	ND	ND	ND	ND	ND	77 %
A3-3	ND	ND	ND	ND	ND	95 %
A3-5	ND	ND	ND	ND	ND	65 %
A3-10	ND	ND	ND	ND	ND	82 %
A3-15	ND	ND	ND	ND	ND	70 %
A1-1	ND	ND	ND	ND	ND	92 %
A1-3	ND	ND	ND	ND	ND	93 %

EPA 8020 - BTEX and MtBE

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/09/99
Matrix:	Soil	Batch Number:	8020S2089
Analyst:	GR		

	Methyl-tert butyl ether	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (BFB)
Detection Limit:	0.005	0.005	0.005	0.005	0.015	Limit: >50%
Sample ID	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Method Blank	ND	ND	ND	ND	ND	96 %
A1-5	ND	ND	ND	ND	ND	97 %
A1-10	ND	ND	ND	ND	ND	89 %
A1-15	ND	ND	ND	ND	ND	94 %

QC Sample Report - EPA 8020

Centrum
(800) 798-9336

Matrix: Soil
Batch #: 8020S2085

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	99	70 - 130	Pass
Benzene	0.10	102	70 - 130	Pass
Toluene	0.10	99	70 - 130	Pass
Ethyl Benzene	0.10	95	70 - 130	Pass
m-, p-Xylene	0.20	101	70 - 130	Pass
o-Xylene	0.10	104	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A-14-1

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.009	0.009	4%	25%	Pass
Benzene	0.281	0.274	2%	25%	Pass
Toluene	0.792	0.779	2%	25%	Pass
Ethyl Benzene	0.159	0.158	1%	25%	Pass
m-, p-Xylene	0.577	0.572	1%	25%	Pass
o-Xylene	0.244	0.243	0%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8020

Matrix: Soil
Batch #: 8020S2087

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	95	70 - 130	Pass
Benzene	0.10	102	70 - 130	Pass
Toluene	0.10	100	70 - 130	Pass
Ethyl Benzene	0.10	94	70 - 130	Pass
m-, p-Xylene	0.20	102	70 - 130	Pass
o-Xylene	0.10	105	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.095	0.086	10%	25%	Pass
Benzene	0.102	0.105	3%	25%	Pass
Toluene	0.100	0.101	1%	25%	Pass
Ethyl Benzene	0.094	0.097	3%	25%	Pass
m-, p-Xylene	0.204	0.204	0%	25%	Pass
o-Xylene	0.105	0.106	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8020

Matrix: Soil
Batch #: 8020S2088

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	95	70 - 130	Pass
Benzene	0.10	102	70 - 130	Pass
Toluene	0.10	100	70 - 130	Pass
Ethyl Benzene	0.10	94	70 - 130	Pass
m-, p-Xylene	0.20	102	70 - 130	Pass
o-Xylene	0.10	105	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.095	0.086	10%	25%	Pass
Benzene	0.102	0.105	3%	25%	Pass
Toluene	0.100	0.101	1%	25%	Pass
Ethyl Benzene	0.094	0.097	3%	25%	Pass
m-, p-Xylene	0.204	0.204	0%	25%	Pass
o-Xylene	0.105	0.106	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8020

Matrix: Soil
Batch #: 8020S2089

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	92	70 - 130	Pass
Benzene	0.10	107	70 - 130	Pass
Toluene	0.10	104	70 - 130	Pass
Ethyl Benzene	0.10	100	70 - 130	Pass
m-, p-Xylene	0.20	106	70 - 130	Pass
o-Xylene	0.10	109	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.092	0.101	9%	25%	Pass
Benzene	0.107	0.107	0%	25%	Pass
Toluene	0.104	0.104	0%	25%	Pass
Ethyl Benzene	0.100	0.101	1%	25%	Pass
m-, p-Xylene	0.212	0.214	1%	25%	Pass
o-Xylene	0.109	0.108	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approa	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/15/99
Matrix:	Soil	Date Analyzed:	02/24-27/99
Analyst:	TPW	Batch Number:	PCBS0264
			PCBS0265

	Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Tetrachloro-m-xylene	96	96	105	105	110	111

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approa	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/15/99
Matrix:	Soil	Date Analyzed:	02/24-27/99
Analyst:	TPW	Batch Number:	PCBS0264
			PCBS0265

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Tetrachloro-m-xylene	113	112	103	111	111	101

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approa	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/15/99
Matrix:	Soil	Date Analyzed:	02/24-27/99
Analyst:	TPW	Batch Number:	PCBS0264
			PCBS0265

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Tetrachloro-m-xylene	117	114	116	116	113	113

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Approa	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/15/99
Matrix:	Soil	Date Analyzed:	02/24-27/99
Analyst:	TPW	Batch Number:	PCBS0264
			PCBS0265

	Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Tetrachloro-m-xylene	119	109	119	94	99	102

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Approa	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/15/99
Matrix:	Soil	Date Analyzed:	02/24-27/99
Analyst:	TPW	Batch Number:	PCBS0264
			PCBS0265

	Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Tetrachloro-m-xylene	110	110	117	107	93	108

QC Sample Report - EPA 8080 PCB

Matrix: Other
Batch #: PCBS0264

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Aroclor 1242	0.0667	109	75 - 127	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Aroclor 1242	0.0727	0.0697	4%	24%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8080 PCB

Matrix: Other
Batch #: PCBS0265

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Aroclor 1242	0.0667	82	75 - 127	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Aroclor 1242	0.0548	0.0596	8%	24%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

Sample ID:		Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

Sample ID:		Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Dibromofluoromethane	102	110	105	107	107	109
Toluene-d8	101	104	102	100	103	105
Bromofluorobenzene	107	104	104	100	104	106

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Dibromofluoromethane	109	105	104	110	104	106
Toluene-d8	105	101	96	98	95	100
Bromofluorobenzene	102	103	103	95	103	101

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1 Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

Sample ID:		Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Dibromofluoromethane	102	110	105	107	107	109
Toluene-d8	101	104	102	100	103	105
Bromofluorobenzene	107	104	104	100	104	106

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Dibromofluoromethane	109	105	104	110	104	106
Toluene-d8	105	101	96	98	95	100
Bromofluorobenzene	102	103	103	95	103	101

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1 Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Dibromofluoromethane	106	105	105	103	104	104
Toluene-d8	100	103	100	99	100	97
Bromofluorobenzene	105	102	105	104	102	99

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Dibromofluoromethane	106	105	105	103	104	104
Toluene-d8	100	103	100	99	100	97
Bromofluorobenzene	105	102	105	104	102	99

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

Sample ID:		Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Dibromofluoromethane	102	110	105	107	107	109
Toluene-d8	101	104	102	100	103	105
Bromofluorobenzene	107	104	104	100	104	106

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Dibromofluoromethane	109	105	104	110	104	106
Toluene-d8	105	101	96	98	95	100
Bromofluorobenzene	102	103	103	95	103	101

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1 Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Dibromofluoromethane	106	105	105	103	104	104
Toluene-d8	100	103	100	99	100	97
Bromofluorobenzene	105	102	105	104	102	99

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Dibromofluoromethane	105	108	108	108	106	106
Toluene-d8	101	95	99	102	105	100
Bromofluorobenzene	102	92	104	99	96	103

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Dibromofluoromethane	104	108	110	103	106	109
Toluene-d8	99	100	105	100	97	105
Bromofluorobenzene	98	104	97	100	91	99

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

QC Sample Report - EPA Method 8260

Matrix: Soil
Batch #: 8260S1556

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
1,1-Dichloroethene	0.020	114	59 - 172	Pass
Benzene	0.020	115	66 - 142	Pass
Trichloroethene	0.020	114	71 - 137	Pass
Toluene	0.020	109	59 - 139	Pass
Chlorobenzene	0.020	114	60 - 133	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 14372-71

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
1,1-Dichloroethene	0.0223	0.0249	11%	22%	Pass
Benzene	0.0223	0.0231	3%	21%	Pass
Trichloroethene	0.0211	0.0230	9%	24%	Pass
Toluene	0.0208	0.0210	1%	21%	Pass
Chlorobenzene	0.0221	0.0231	5%	21%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA Method 8260

Matrix: Soil
Batch #: 8260S1557

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
1,1-Dichloroethone	0.020	116	59 - 172	Pass
Benzene	0.020	120	66 - 142	Pass
Trichloroethene	0.020	120	71 - 137	Pass
Toluene	0.020	118	59 - 139	Pass
Chlorobenzene	0.020	113	60 - 133	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A2-3

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
1,1-Dichloroethene	0.0225	0.0204	10%	22%	Pass
Benzene	0.0228	0.0213	7%	21%	Pass
Trichloroethene	0.0229	0.0204	12%	24%	Pass
Toluene	0.0217	0.0197	10%	21%	Pass
Chlorobenzene	0.0192	0.0190	1%	21%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

Sample ID:	Blank	B-13-3	B13-6	A18-1	A18-3	A18-6
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	Blank	B-13-3	B13-6	A18-1	A18-3	A18-6
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	ND	**2.3**	**0.58**	**1.6**	**1.9**	**3.3**
Pyrene	0.033	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	Blank	B-13-3	B13-6	A18-1	A18-3	A18-6
2-Fluorophenol (25 - 121%)	87	85	82	87	84	84
Phenol-D5 (24 - 113%)	93	88	87	93	91	89
Nitrobenzene-D5 (23 - 120%)	80	77	75	83	79	78
2-Fluorobiphenyl (30 - 115%)	78	72	74	80	78	75
2,4,6-Tribromophenol (19 - 122%)	79	77	76	80	69	77
p-Terphenyl-D14 (18 - 137%)	74	83	92	94	90	91

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

Sample ID:		A14-1	A14-3	A14-5	A6-1	A6-5	A6-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	0.069	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhoxyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	0.040
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4 Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	A14-1	A14-3	A14-5	A6-1	A6-5	A6-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	0.073
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	1.9	2.7	0.21	4.0	0.27	0.19
Pyrene	0.033	ND	ND	ND	ND	ND	0.090
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A14-1	A14-3	A14-5	A6-1	A6-5	A6-10
2-Fluorophenol (25 - 121%)	83	87	74	78	76	82
Phenol-D5 (24 - 113%)	88	92	80	82	81	86
Nitrobenzene-D5 (23 - 120%)	77	80	69	71	71	74
2-Fluorobiphenyl (30 - 115%)	75	77	70	69	70	71
2,4,6-Tribromophenol (19 - 122%)	78	82	76	76	77	75
p-Terphenyl-D14 (18 - 137%)	91	100	88	92	92	87

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	827080474, 827080475

Sample ID:	A6-15	A4-5	A4-10	A4-15	A3-1	A3-3
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	0.047	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

Sample ID:		A6-15	A4-5	A4-10	A4-15	A3-1	A3-3
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	1.9	0.14	1.7	0.53	0.77	3.5
Pyrene	0.033	0.079	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A6-15	A4-5	A4-10	A4-15	A3-1	A3-3
2-Fluorophenol (25 - 121%)	83	109	82	84	72	104
Phenol-D5 (24 - 113%)	88	112	87	88	76	109
Nitrobenzene-D5 (23 - 120%)	75	89	76	76	67	93
2-Fluorobiphenyl (30 - 115%)	73	95	72	73	64	92
2,4,6-Tribromophenol (19 - 122%)	84	85	77	75	69	95
p-Terphenyl-D14 (18 - 137%)	100	107	91	89	89	111

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	A3-5	A3-15	A1-1	A1-3	A1-10	A1-15
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	0.17	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

Sample ID:		A3-5	A3-15	A1-1	A1-3	A1-10	A1-15
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	**1.6**	**1.2**	**1.7**	**2.9**	**0.87**	**0.51**
Pyrene	0.033	ND	ND	ND	ND	**0.036**	ND
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A3-5	A3-15	A1-1	A1-3	A1-10	A1-15
2-Fluorophenol (25 - 121%)	103	107	102	105	92	96
Phenol-D5 (24 - 113%)	109	110	107	108	97	101
Nitrobenzene-D5 (23 - 120%)	94	94	90	94	83	87
2 Fluorobiphenyl (30 - 115%)	93	93	90	94	84	90
2,4,6-Tribromophenol (19 - 122%)	95	103	98	99	91	98
p-Terphenyl-D14 (18 - 137%)	110	108	112	112	123	115

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	Blank	B13-1	A6-3	A4-1	A4-3	A3-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.33	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.33	ND	ND	ND	ND	ND	ND
Anthracene	0.33	ND	ND	ND	ND	ND	0.73
Benzo[a]anthracene	0.66	ND	ND	ND	ND	ND	1.2
Benzo[a]pyrene	0.66	ND	ND	ND	ND	ND	0.83
Benzo[b]fluoranthene	0.33	ND	ND	ND	ND	ND	1.3
Benzo[g,h,i]perylene	0.99	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.99	ND	ND	ND	ND	ND	1.3
Benzyl alcohol	1.3	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.66	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.66	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.99	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	3.3	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.33	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.33	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	1.6	ND	ND	ND	ND	ND	ND
4-Chloroaniline	1.6	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Chlorophenol	1.3	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.33	ND	ND	ND	ND	ND	ND
Chrysene	0.33	ND	ND	ND	ND	ND	1.0
Di-n-butylphthalate	3.3	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.33	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.99	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.33	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	1.3	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1.6	ND	ND	ND	ND	ND	ND
Diethylphthalate	3.3	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.99	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.33	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	3.3	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	16	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.33	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

Sample ID:	Blank	B13-1	A6-3	A4-1	A4-3	A3-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.99	ND	ND	ND	ND	ND	ND
Fluoranthene	0.33	ND	ND	ND	ND	ND	2.0
Fluorene	0.33	ND	ND	ND	ND	ND	0.43
Hexachlorobenzene	0.33	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.33	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	16	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.33	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	1.3	ND	ND	ND	ND	ND	ND
Isophorone	0.33	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Methylphenol	1.6	ND	ND	ND	ND	ND	ND
4-Methylphenol	1.6	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.33	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.33	ND	ND	ND	ND	ND	ND
Naphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.99	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.99	ND	ND	ND	ND	ND	ND
4-Nitroaniline	3.3	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.99	ND	ND	ND	ND	ND	ND
2-Nitrophenol	1.3	ND	ND	ND	ND	ND	ND
4-Nitrophenol	3.3	ND	ND	ND	ND	ND	ND
Pentachlorophenol	16	ND	ND	ND	ND	ND	ND
Phenanthrene	0.66	ND	ND	ND	ND	ND	2.1
Phenol	1.3	ND	3.1	6.6	8.4	4.3	ND
Pyrene	0.33	ND	ND	ND	ND	ND	2.8
1,2,4-Trichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	3.3	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	Blank	B13-1	A6-3	A4-1	A4-3	A3-10
2-Fluorophenol (25 - 121%)	87	101	102	103	107	101
Phenol-D5 (24 - 113%)	93	104	105	107	111	100
Nitrobenzene-D5 (23 - 120%)	80	84	84	86	87	79
2-Fluorobiphenyl (30 - 115%)	78	89	89	93	96	85
2,4,6-Tribromophenol (19 - 122%)	79	82	85	85	88	80
p-Terphenyl-D14 (18 - 137%)	74	106	110	104	110	111

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

Sample ID:	Blank	B13-1
Compound	DL	mg/Kg	mg/Kg
Acenaphthene	0.33	ND	ND
Acenaphthylene	0.33	ND	ND
Anthracene	0.33	ND	ND
Benzo[a]anthracene	0.66	ND	ND
Benzo[a]pyrene	0.66	ND	ND
Benzo[b]fluoranthene	0.33	ND	ND
Benzo[g,h,i]perylene	0.99	ND	ND
Benzo[k]fluoranthene	0.99	ND	ND
Benzyl alcohol	1.3	ND	ND
bis(2-Chloroethoxy)methane	0.66	ND	ND
bis(2-Chloroethyl)ether	0.66	ND	ND
bis(2-Chloroisopropyl)ether	0.99	ND	ND
bis(2-Ethylhexyl)phthalate	3.3	ND	ND
4-Bromophenylphenylether	0.33	ND	ND
Butylbenzylphthalate	0.33	ND	ND
4-Chloro-3-methylphenol	1.6	ND	ND
4-Chloroaniline	1.6	ND	ND
2-Chloronaphthalene	0.33	ND	ND
2-Chlorophenol	1.3	ND	ND
4-Chlorophenylphenylether	0.33	ND	ND
Chrysene	0.33	ND	ND
Di-n-butylphthalate	3.3	ND	ND
Di-n-octylphthalate	0.33	ND	ND
Dibenzo[a,h]anthracene	0.99	ND	ND
Dibenzofuran	0.33	ND	ND
1,2-Dichlorobenzene	0.33	ND	ND
1,3-Dichlorobenzene	0.33	ND	ND
1,4-Dichlorobenzene	0.33	ND	ND
3,3-Dichlorobenzidine	1.3	ND	ND
2,4-Dichlorophenol	1.6	ND	ND
Diethylphthalate	3.3	ND	ND
2,4-Dimethylphenol	0.99	ND	ND
Dimethylphthalate	0.33	ND	ND
4,6-Dinitro-2-methylphenol	3.3	ND	ND
2,4-Dinitrophenol	16	ND	ND
2,4-Dinitrotoluene	0.33	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

Sample ID:		Blank	B13-1
Compound	DL	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.99	ND	ND
Fluoranthene	0.33	ND	ND
Fluorene	0.33	ND	ND
Hexachlorobenzene	0.33	ND	ND
Hexachlorobutadiene	0.33	ND	ND
Hexachlorocyclopentadiene	16	ND	ND
Hexachloroethane	0.33	ND	ND
Indeno[1,2,3-c,d]pyrene	1.3	ND	ND
Isophorone	0.33	ND	ND
2-Methylnaphthalene	0.33	ND	ND
2-Methylphenol	1.6	ND	ND
4-Methylphenol	1.6	ND	ND
N-Nitrosodi-n-propylamine	0.33	ND	ND
N-Nitrosodiphenylamine	0.33	ND	ND
Naphthalene	0.33	ND	ND
2-Nitroaniline	0.99	ND	ND
3-Nitroaniline	0.99	ND	ND
4-Nitroaniline	3.3	ND	ND
Nitrobenzene	0.99	ND	ND
2-Nitrophenol	1.3	ND	ND
4-Nitrophenol	3.3	ND	ND
Pentachlorophenol	16	ND	ND
Phenanthrene	0.66	ND	ND
Phenol	1.3	ND	ND
Pyrene	0.33	ND	ND
1,2,4-Trichlorobenzene	0.33	ND	ND
2,4,5-Trichlorophenol	2	ND	ND
2,4,6-Trichlorophenol	3.3	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	Blank	B13-1
2-Fluorophenol (25 - 121%)	87	103
Phenol-D5 (24 - 113%)	93	104
Nitrobenzene-D5 (23 - 120%)	80	79
2-Fluorobiphenyl (30 - 115%)	78	88
2,4,6-Tribromophenol (19 - 122%)	79	66
p-Terphenyl-D14 (18 - 137%)	74	112

Centrum
(800) 798-9336

QC Sample Report - EPA 8270

Batch #: 8270S0474 Matrix: Soil

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Phenol	1.89	86	5 - 112	Pass
2-Chlorophenol	2.04	87	23 - 134	Pass
1,4-Dichlorobenzene	1.10	82	20 - 124	Pass
N-Nitrosodi-n-propylamine	1.06	102	0 - 230	Pass
1,2,4-Trichlorobenzene	1.49	84	44 - 142	Pass
4-Chloro-3-Methylphenol	2.61	85	22 - 147	Pass
Acenaphthene	1.09	79	47 - 145	Pass
4-Nitrophenol	2.30	100	0 - 132	Pass
2,4-Dinitrotoluene	1.35	82	39 - 139	Pass
Pentachlorophenol	2.72	89	14 - 176	Pass
Pyrene	0.97	96	52 - 115	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Phenol	2.29	2.29	0%	35%	Pass
2-Chlorophenol	2.33	2.36	1%	50%	Pass
1,4-Dichlorobenzene	1.09	1.12	2%	27%	Pass
N-Nitrosodi-n-propylamine	1.35	1.31	3%	38%	Pass
1,2,4-Trichlorobenzene	1.12	1.14	2%	23%	Pass
4-Chloro-3-Methylphenol	2.27	2.38	5%	33%	Pass
Acenaphthene	1.05	1.09	4%	23%	Pass
4-Nitrophenol	2.66	2.46	8%	50%	Pass
2,4-Dinitrotoluene	1.09	0.92	17%	47%	Pass
Pentachlorophenol	2.38	2.11	12%	47%	Pass
Pyrene	1.28	1.33	3%	36%	Pass

Analytical Notes:

QC Sample Report - EPA 8270

Batch #: 8270S0475 Matrix: Soil

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Phenol	1.89	102	5 - 112	Pass
2-Chlorophenol	2.04	106	23 - 134	Pass
1,4-Dichlorobenzene	1.10	100	20 - 124	Pass
N-Nitrosodi-n-propylamine	1.06	115	0 - 230	Pass
1,2,4-Trichlorobenzene	1.49	103	44 - 142	Pass
4-Chloro-3-Methylphenol	2.61	104	22 - 147	Pass
Acenaphthene	1.09	99	47 - 145	Pass
4-Nitrophenol	2.30	108	0 - 132	Pass
2,4-Dinitrotoluene	1.35	92	39 - 139	Pass
Pentachlorophenol	2.72	95	14 - 176	Pass
Pyrene	0.97	114	52 - 115	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Phenol	2.71	2.71	0%	35%	Pass
2-Chlorophenol	2.82	2.77	2%	50%	Pass
1,4-Dichlorobenzene	1.34	1.30	3%	27%	Pass
N-Nitrosodi-n-propylamine	1.53	1.39	10%	38%	Pass
1,2,4-Trichlorobenzene	1.37	1.27	8%	23%	Pass
4-Chloro-3-Methylphenol	2.78	2.59	7%	33%	Pass
Acenaphthene	1.32	1.31	1%	23%	Pass
4-Nitrophenol	2.89	2.59	11%	50%	Pass
2,4-Dinitrotoluene	1.22	1.24	1%	47%	Pass
Pentachlorophenol	2.53	2.98	16%	47%	Pass
Pyrene	1.52	1.43	6%	38%	Pass

Analytical Notes:

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
HEDLANDS, CA 92373
(909) 793-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14901

Project No: 575-86001
Project Name: Caltrans: Bay Bridge West Approach
Project Manager: Frank Poss
Phone: (510) 785-1111
Fax: (510) 785-1192
Client Name (Company): P.S.I.
Address: 1320 W. Winton Ave, Hayward, CA

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260	8080 Pesticides PCBs Only	8015M: Diesel Fuel Screen	BTEX 8020	418.1 (TRPH)	Semivolatiles 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Speciation	6010 17 Metals
1	R3-2-30	2/3/99	915	S	West Anchorage	Acetate Sleeves								X				
2	B13-1		1020				X	X				X					X	X
3	B13-3		1025															
4	B13-6		1030															
5	A18-1		1050															
6	A18-3		1055															
7	A18-6		1100															
8	A15-1		1210															
9	A15-3		1215										NO					
10	A15-5		1225															

Relinquished by: (Sampler's Signature) — Date 2/4/99 — Time 1700
Received by: — Date — Time

Relinquished by: — Date — Time
Received by: — Date — Time
Relinquished by: — Date — Time
Received for Laboratory by: — Date 11:00 — Time 2/5/99

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
Samples chilled? ☒ Yes ☐ No
Custody seals? ☐ Yes ☒ No
All sample containers intact? ☒ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
x airbums

Turn-around time
☐ 24 Hr. RUSH*
☐ 48 Hr. RUSH*
☒ Normal TAT
* Requires prior approval, additional charges apply

Remarks/ Special Instructions

Sample Disposal
☐ Client will pick up
☐ Return to client
☒ Lab disposal fee $5

Sample Locator No.
F-5

Laboratory Notes: Archive any sample ending with "20". ie. A-1-20

White Copy - Original (Accompanies Samples) — Yellow Copy - Centrum Files — Pink Copy - Client Copy

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REDLANDS, CA 92373
(909) 798 9336 • (800) 798-9336
FAX (909) 793-1559

Centrum Job # 19401

Chain of Custody Record

Project No.: 375-86001
Project Name: Caltrans: West Approach
Project Manager:
Phone
Fax:
Client Name. (Company)
Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	8260/8240/624/524.2	8270/625	8015M: Diesel Fuel Screen	8020/BTEX	418.1 (TRPH)	Semivolatiles: 8270/625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Hex Chrome	TPH-Spec	6010 17 Metals
11	A14-1	2/3/99	1335	S				X		X		X					X	X
12	A14-3		1340															
13	A14-5		1345															
14	A17-1		1500				X	X										
15	A17-3		1505															
16	A17-5		1510															
17	A17-10		1530															
18	A17-15		1545															
19	A17-20		1605															
20	A5-1	2/4/99	745				X	X									X	X

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT
  Requires prior approval, additional charges apply

Remarks/ Special Instructions
Archive

Relinquished by: (Sampler's Signature)
Date: 2/4/99 Time: 1700
Received by
Date Time

Relinquished by:
Date Time
Received by
Date Time
Relinquished by
Date Time
Received for Laboratory by: Jeff Mata
Date: 2/5/99 Time: 10:40

To be completed by laboratory personnel:
Samples chilled? ☑ Yes ☐ No
Custody seals? ☐ Yes ☑ No
All sample containers intact? ☑ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
X Air bill

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Sample Locator No.
F-5

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

Laboratory Notes

White Copy - Original (Accompanies Samples)
Yellow Copy - Centrum Files
Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.
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REDLANDS, CA 92373
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FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14901

Page 3 of 7

Project No.: 575-8G001
Project Name: Caltrans: West Approach
Project Manager:
Phone:
Fax:
Client Name (Company):
Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 624	(8080) Pesticides (PCBs) Polychlorinated	8015M: Diesel Fuel Screen	8021B/5030 (BTEX)	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH-Spec.	6010 17 Metals
21	A5-3	2/4/99	750	S			X	X									X	X
22	A5-5	↓	800	↓			↓	↓									↓	↓
23	A5-10		810															
24	A5-15		820															
25	A5-20		825															
26	A7-1		845				X	X									X	X
27	A7-3		850				↓	↓									↓	↓
28	A7-5		855															
29	A7-10		900															
30	A7-15	↓	905	↓			↓	↓									↓	↓

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT
  *Requires prior approval, additional charges apply

Remarks/ Special Instructions: Archive

Relinquished by: (Sampler's Signature) — Date: 2/4/99 — Time: 1700

Received by: — Date: — Time:

Relinquished by: — Date: — Time:

Received by: — Date: — Time:

Relinquished by: — Date: — Time:

Received for Laboratory by: — Date: 2/5/99 — Time: 10:05

To be completed by laboratory personnel:
- Samples chilled? ☒ Yes ☐ No
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

K.A.B.

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

Laboratory Notes

Sample Locator No: F-5

White Copy - Original (Accompanies Samples) — Yellow Copy - Centrum Files — Pink Copy - Client Copy

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REDLANDS, CA 92373
(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 4[illegible]

Project No: 575-8G001
Project Name: Caltrans - West Approach
Project Manager:
Phone:
Fax:
Client Name (Company):
Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GC/MS: 8260	8260 Primaries	8260 Oxygenates	8015M: Diesel Fuel Screen	8015M/8020 BTEX	418.1 (TRPH)	Semivolatiles: 8270/625	Metals: TTLC/(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity CDD	Flashpoint Fluoride Hex Chrome	TPH-Spec.	6010 17 Metals	Remarks/ Special Instructions
31	A-7-20	2/4/99	915	S																Archive Did Not Receive
32	A6-1		935								X		X					X	X	
33	A6-3		940																	
34	A6-5		945																	
35	A6-10		950																	
36	A6-15		1000																	
37	A6-20		1010																	Archive
30	A4-1		1025								X		X					X	X	
39	A4-3		1030																	
40	A4-5		1035																	

Relinquished by (Sampler's Signature): [signature]
Date: 2/4/99 Time: 1700
Received by:
Date: Time:

Relinquished by:
Received by:
Relinquished by:
Received for Laboratory by: [signature]
Date: 2/5/99 Time: 10:10

Date / Time (Relinquished by): Date: Time:
Date / Time (Received by): Date: Time:
Date / Time (Relinquished by): Date: Time:
Date / Time (Received for Laboratory by): Date: 2/5/99 Time: 10:10

This delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
Samples chilled? ☑ Yes ☐ No
Custody seals? ☐ Yes ☑ No
All sample containers intact? ☑ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
XA.B.

Turn-around time
☐ 24 Hr. RUSH*
☐ 48 Hr. RUSH*
☒ Normal TAT
* Requires prior approval, additional charges apply

Sample Disposal
☐ Client will pick up
☐ Return to client
☐ Lab disposal fee $5

Sample Locator No: F-5

Laboratory Notes:

White Copy - Original (Accompanies Samples)
Yellow Copy - Centrum Files
Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

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REDLANDS, CA 92373
(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 141001

Project No: 575-86001
Project Name: Caltrans: West Approach
Project Manager:
Phone: (510) 785-1111 Fax: (510) 785-1192
Client Name: (Company)
Address

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260	8080	8015M: Diesel Fuel Screen	BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM); PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Spec.	6010 17 Metals	Remarks/ Special Instructions
41	A4-10	2/4/94	1045	S						X		X					X	X	
42	A4-15		1050							X		X					X	X	
43	A4-20		1105																Archive
44	A3-1		1225							X		X					X	X	
45	A3-3		1230																
46	A3-5		1235																
47	A3-10		1240																
48	A3-15		1245																
49	A3-20		1255																Archive
50	A2-1		1330				X	X									X	X	

Relinquished by: (Sampler's Signature) — Date 2/4/94 — Time 1700
Received by — Date — Time
Relinquished by — Date — Time
Received by — Date — Time
Relinquished by: — Date — Time
Received for laboratory by: — Date 2/5/94 — Time 10:00

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel.
Samples chilled? ☒ Yes ☐ No
Custody seals? ☐ Yes ☒ No
All sample containers intact? ☒ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
to A.B.

Turn-around time
☐ 24 Hr RUSH*
☐ 48 Hr. RUSH*
☒ Normal TAT
* Requires prior approval, additional charges apply

Sample Disposal
☐ Client will pick up
☐ Return to client
☐ Lab disposal fee $5

Sample Locator No.
F-5

Laboratory Notes

White Copy - Original (Accompanies Samples) — Yellow Copy - Centrum Files — Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

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FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14401

Page 6 of 7

Project No: 575-SG-001

Project Name: Caltrans: West Approach

Project Manager:

Phone:

Fax:

Client Name (Company)

Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260	PCBs: 8080	8015M: Diesel Fuel Screen	BTEX: 8020	418.1 (TRPH)	Semivolatiles: 8270/625	Metals: TTLC/(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Spec.	6010 17 Metals
51	A2-3	2/4/99	1335	S			X	X									X	X
52	A2-5		1355															
53	A2-10		1400															
54	A2-15		1410															
55	A2-20		1420															
56	A1-1		1425							X		X					X	X
57	A1-3		1430															
58	A1-5		1435															
59	A1-10		1440															
60	A1-15		1450															

Archive added per Scott Beum

Relinquished by (Sampler's Signature) — Date: 2/4/99 — Time: 1700

Received by — Date — Time

Relinquished by — Date — Time

Received by — Date — Time

Relinquished by: — Date — Time

Received for laboratory by: — Date: 2/5/99 — Time: 1000

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

Laboratory Notes

To be completed by laboratory personnel:

Samples chilled? ☑ Yes ☐ No

Custody seals? ☐ Yes ☑ No

All sample containers intact? ☐ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

Turn-around time

- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

Remarks/ Special Instructions

Sample Disposal

- ☐ Client will pick up
- ☐ Return to client
- ☒ Lab disposal fee $5

Sample Locator No

F-5

White Copy - Original (Accompanies Samples)

Yellow Copy - Centrum Files

Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

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REDLANDS, CA 92373
(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Centrum Job # 7441

Chain of Custody Record

Page 7 of 7

Project No.: 575-86001
Project Name: Caltrans - West Approach
Project Manager
Phone
Fax
Client Name: (Company)
Address.

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 8242	8080 PCBs Pesticides	8015M: Diesel Fuel Screen	8020 BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome
61	A1-20	2/4/99	1500	S												

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☐ Normal TAT

*Requires prior approval additional charges apply

Remarks/ Special Instructions: Archive

	Date	Time
Relinquished by: (Sampler's Signature)	2/4/99	1700
Received by		
Relinquished by:		
Received by		
Relinquished by:		
Received for Laboratory by:	2/4/99	10:00

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
- Samples chilled? ☑ Yes ☐ No
- Custody seals? ☐ Yes ☑ No
- All sample containers intact? ☑ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Sample Locator No: F-5

Laboratory Notes:

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W.Winton Ave.
Hayward, CA 94545

Date Sampled: 02/06/99
Date Received: 02/11/99
Job Number: 14427

Project: Caltrans: Bay Bridge West Approach

CASE NARRATIVE

The following information applies to samples which were received on 02/11/99 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

7471: The result for mercury in some samples exceeded the calibration range. Due to a deficiency in EPA Method 7471, re-analysis at a dilution is not possible; mercury was reported from the initial run as an estimated value.

8270: Some samples were run at a dilution due to high levels of hydrocarbons in the sample; consequently, detection limits were raised.

SF West
new lab. #'s
Bench - pad #"?"

Report approved by:

Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL : Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions.
ND : Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit.
NA Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for.

Lead By ICP

Client:	PSI	Date Sampled:	02/08/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No.:	14427	Date Digested:	02/18/99
Matrix:	Soil	Date Analyzed:	02/18/99
Analyst:	RVJ	Batch Number:	6010S1145
		Method Number:	6010

Sample ID	Detection Limit mg/kg	Lead mg/kg
Method Blank	5.0	ND
TTBCC-1-15	5.0	ND
TTB69-4-20	5.0	ND
TTB68-4-15	5.0	ND
TTB62-4-15	5.0	ND
TTB64-2-20	5.0	ND
TTB65-1-20	5.0	6.8
TTB34-1-10	5.0	250
TTB2-2-10	5.0	1,200

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1145

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	102.8	80 - 120	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A19-3

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	361.9	322.9	11%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14427
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Digested: 02/12/99
Date Analyzed: 02/12-16/99
Batch Number: 6010S1143

		Sample ID:	Blank	A9-1	A9-3	A9-5	A9-10	A9-15
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	ND	12	18	12	11	11
Barium	6010	5.0	ND	82	74	60	69	34
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	ND	32	44	70	48	77
Cobalt	6010	2.5	ND	7.5	7.6	6.6	5.7	5.9
Copper	6010	2.5	ND	13	15	11	11	7.9
Lead	6010	5.0	ND	9.1	10	14	5.3	ND
Mercury	7471	0.10	ND	ND	ND	ND	ND	ND
Molybdenum	6010	5.0	ND	6.7	8.5	6.9	6.4	6.5
Nickel	6010	5.0	ND	38	41	51	31	58
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	ND	35	51	46	38	40
Zinc	6010	5.0	ND	35	39	34	30	23

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14427
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Digested: 02/12/99
Date Analyzed: 02/12-16/99
Batch Number: 6010S1143

		Sample ID:	A8-1	A8-3	A8-5	A8-10	A8-15
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND
Arsenic	6010	5.0	31	13	19	7.3	14
Barium	6010	5.0	200	110	89	9.2	78
Beryllium	6010	5.0	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND
Chromium	6010	2.5	25	51	48	40	55
Cobalt	6010	2.5	16	9.6	19	3.9	5.3
Copper	6010	2.5	36	21	8.1	3.6	14
Lead	6010	5.0	16	94	10	ND	5.4
Mercury	7471	0.10	ND	0.33	ND	ND	ND
Molybdenum	6010	5.0	12	7.0	7.3	5.2	7.3
Nickel	6010	5.0	53	38	48	22	33
Selenium	6010	10	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND
Vanadium	6010	5.0	33	42	45	34	48
Zinc	6010	5.0	97	83	37	49	35

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14427
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Digested: 02/15/99
Date Analyzed: 02/23/99
Batch Number: 6010S1144

		Sample ID:	Blank	A10-1	A10-3	A10-5	A10-10	A11-1
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	ND	11	15	17	15	14
Barium	6010	5.0	ND	94	55	36	240	39
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	ND	27	66	56	39	47
Cobalt	6010	2.5	ND	6.8	8.6	6.5	8.3	9.5
Copper	6010	2.5	ND	44	10	12	45	11
Lead	6010	5.0	ND	390	ND	ND	690	ND
Mercury	7471	0.10	ND	ND	ND	0.20	0.59	ND
Molybdenum	6010	5.0	ND	6.1	7.1	8.2	7.1	7.3
Nickel	6010	5.0	ND	38	42	44	29	30
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	ND	27	60	59	39	47
Zinc	6010	5.0	ND	88	31	33	260	30

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14427
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Digested: 02/15/99
Date Analyzed: 02/23/99
Batch Number: 6010S1144

		Sample ID:	A11-3	A11-5	A11-10	A12-1	A12-3	A12-5
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	15	15	32	17	13	5.7
Barium	6010	5.0	68	75	100	87	62	61
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	54	57	27	50	59	52
Cobalt	6010	2.5	6.7	8.1	11	10	8.7	6.4
Copper	6010	2.5	12	13	34	9.6	7.3	8.4
Lead	6010	5.0	ND	ND	17	6.1	ND	7.6
Mercury	7471	0.10	ND	ND	ND	ND	ND	ND
Molybdenum	6010	5.0	8.0	8.0	12	8.5	8.3	ND
Nickel	6010	5.0	34	44	44	36	59	28
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	46	45	32	56	46	49
Zinc	6010	5.0	32	30	92	34	28	28

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14427
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Digested: 02/15/99
Date Analyzed: 02/23/99
Batch Number: 6010S1144

		Sample ID:	A12-10	A12-15	A13-1	A13-3	A13-5	A13-10
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	11	9.1	9.8	13	8.0	ND
Barium	6010	5.0	91	65	130	120	87	58
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	70	75	42	67	30	57
Cobalt	6010	2.5	14	9.8	10	17	5.7	5.6
Copper	6010	2.5	10	6.8	20	12	12	5.7
Lead	6010	5.0	5.6	ND	130	62	56	84
Mercury	7471	0.10	ND	ND	0.14	0.20	6.9*	ND
Molybdenum	6010	5.0	ND	ND	ND	ND	ND	ND
Nickel	6010	5.0	49	38	34	50	37	31
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	9.6	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	70	63	40	60	24	30
Zinc	6010	5.0	34	31	63	75	42	36

*This concentration for Mercury is an estimated value; see Case Narrative.

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14427
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Digested: 02/15/99
Date Analyzed: 02/23/99
Batch Number: 6010S1144

		Sample ID:	A18-10	A18-15	A19-1
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND
Arsenic	6010	5.0	10	7.8	15
Barium	6010	5.0	75	80	68
Beryllium	6010	5.0	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND
Chromium	6010	2.5	50	65	40
Cobalt	6010	2.5	11	6.8	9.1
Copper	6010	2.5	10	16	210
Lead	6010	5.0	40	6.3	68
Mercury	7471	0.10	ND	ND	6.9*
Molybdenum	6010	5.0	ND	ND	ND
Nickel	6010	5.0	34	37	34
Selenium	6010	10	ND	ND	ND
Silver	6010	5.0	ND	ND	ND
Thallium	6010	10	ND	ND	ND
Vanadium	6010	5.0	37	43	41
Zinc	6010	5.0	36	36	88

*This concentration for Mercury is an estimated value; see Case Narrative.

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14427
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Digested: 02/18/99
Date Analyzed: 02/18-03/01/99
Batch Number: 6010S1145

		Sample ID:	Blank	A19-3	A19-5	A19-10	A19-15	B14-1
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	ND	23	23	ND	5.5	38
Barium	6010	5.0	ND	120	320	12	14	290
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	ND	45	40	29	39	22
Cobalt	6010	2.5	ND	7.7	8.2	4.4	5.2	11
Copper	6010	2.5	ND	87	92	3.1	3.3	360
Lead	6010	5.0	ND	330	150	ND	ND	340
Mercury	7471	0.10	ND	7.8*	8.0*	ND	ND	0.83
Molybdenum	6010	5.0	ND	6.4	7.1	ND	ND	11
Nickel	6010	5.0	ND	31	32	22	26	38
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	ND	44	40	24	34	40
Zinc	6010	5.0	ND	170	160	17	20	700

*These concentrations for Mercury are estimated values; see Case Narrative.

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14427
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Digested: 02/16/99
Date Analyzed: 02/16-03/01/99
Batch Number: 6010S1145

		Sample ID:	B14-3	B14-6	B15-1	B15-3	B15-6
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND
Arsenic	6010	5.0	39	5.1	9.5	8.9	5.4
Barium	6010	5.0	12	9.9	250	78	16
Beryllium	6010	5.0	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND
Chromium	6010	2.5	24	39	18	44	41
Cobalt	6010	2.5	24	4.4	8.6	6.0	4.8
Copper	6010	2.5	100	3.7	18	25	ND
Lead	6010	5.0	11	ND	49	82	ND
Mercury	7471	0.10	2.9*	1.6	0.42	ND	ND
Molybdenum	6010	5.0	ND	ND	6.0	5.7	ND
Nickel	6010	5.0	24	19	25	25	22
Selenium	6010	10	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND
Vanadium	6010	5.0	45	36	26	39	34
Zinc	6010	5.0	15	19	51	75	21

*This concentration for Mercury is an estimated value; see Case Narrative.

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1143
MS/MSD Sample ID: 14415-1

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony**	51.0	50.7	0%	20%	Pass	50	102	75 - 125	Pass
Arsenic	59.3	58.7	1%	20%	Pass	50	96	75 - 125	Pass
Barium**	48.5	49.0	1%	20%	Pass	50	97	75 - 125	Pass
Beryllium	44.7	41.7	7%	20%	Pass	50	93	75 - 125	Pass
Cadmium	49.6	46.7	6%	20%	Pass	50	98	75 - 125	Pass
Chromium	60.8	61.5	1%	20%	Pass	50	100	75 - 125	Pass
Cobalt	55.1	54.5	1%	20%	Pass	50	99	75 - 125	Pass
Copper	61.5	64.6	5%	20%	Pass	50	98	75 - 125	Pass
Lead	52.0	50.5	3%	20%	Pass	50	101	75 - 125	Pass
Mercury	2.87	2.62	2%	20%	Pass	2.5	109	75 - 125	Pass
Molybdenum	54.1	53.5	1%	20%	Pass	50	97	75 - 125	Pass
Nickel	57.5	57.5	0%	20%	Pass	50	100	75 - 125	Pass
Selenium	48.3	45.9	5%	20%	Pass	50	94	75 - 125	Pass
Silver	47.6	44.8	6%	20%	Pass	50	92	75 - 125	Pass
Thallium	53.9	51.6	4%	20%	Pass	50	95	75 - 125	Pass
Vanadium	80.2	86.8	8%	20%	Pass	50	100	75 - 125	Pass
Zinc	90.4	101	11%	20%	Pass	50	102	75 - 125	Pass

Analytical Notes

**The MS/MSD for this analyte did not meet the acceptance criteria due to a sample matrix effect. The LCS / LCSD pair was used to provide precision data for this batch.

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1144
MS/MSD Sample ID: A12-3

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	19.4	23.0	17%	20%	Pass	50	104	75 - 125	Pass
Arsenic	62.4	65.8	5%	20%	Pass	50	107	75 - 125	Pass
Barium	105	109	5%	20%	Pass	50	101	75 - 125	Pass
Beryllium	44.8	46.3	3%	20%	Pass	50	96	75 - 125	Pass
Cadmium	46.6	48.3	3%	20%	Pass	50	99	75 - 125	Pass
Chromium	115	111	4%	20%	Pass	50	102	75 - 125	Pass
Cobalt	54.9	57.1	4%	20%	Pass	50	100	75 - 125	Pass
Copper	52.6	54.7	4%	20%	Pass	50	99	75 - 125	Pass
Lead	51.2	53.1	4%	20%	Pass	50	101	75 - 125	Pass
Mercury	2.42	2.64	9%	20%	Pass	2.5	105	75 - 125	Pass
Molybdenum	53.4	55.8	4%	20%	Pass	50	99	75 - 125	Pass
Nickel	105	106	1%	20%	Pass	50	101	75 - 125	Pass
Selenium	42.6	42.4	1%	20%	Pass	50	94	75 - 125	Pass
Silver	45.0	46.5	3%	20%	Pass	50	96	75 - 125	Pass
Thallium	44.8	46.5	4%	20%	Pass	50	95	75 - 125	Pass
Vanadium	91.8	95.0	3%	20%	Pass	50	102	75 - 125	Pass
Zinc	74.7	76.8	3%	20%	Pass	50	107	75 - 125	Pass

Analytical Notes

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1145
MS/MSD Sample ID: A19-3

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	22.9	20.8	9%	20%	Pass	50	106	75 - 125	Pass
Arsenic	68.5	68.6	0%	20%	Pass	50	100	75 - 125	Pass
Barium	180	174	3%	20%	Pass	50	102	75 - 125	Pass
Beryllium	47.2	48.2	2%	20%	Pass	50	98	75 - 125	Pass
Cadmium	48.2	48.7	1%	20%	Pass	50	101	75 - 125	Pass
Chromium	93.8	92.5	1%	20%	Pass	50	105	75 - 125	Pass
Cobalt	55.9	56.7	1%	20%	Pass	50	104	75 - 125	Pass
Copper**	51.1	50.7	1%	20%	Pass	50	102	75 - 125	Pass
Lead	362	323	11%	20%	Pass	50	103	75 - 125	Pass
Mercury	10.2	8.67	16%	20%	Pass	2.5	106	75 - 125	Pass
Molybdenum	55.5	57.4	3%	20%	Pass	50	102	75 - 125	Pass
Nickel	84.1	82.1	2%	20%	Pass	50	105	75 - 125	Pass
Selenium	41.8	42.1	1%	20%	Pass	50	98	75 - 125	Pass
Silver	48.5	48.5	0%	20%	Pass	50	99	75 - 125	Pass
Thallium	49.3	49.3	0%	20%	Pass	50	98	75 - 125	Pass
Vanadium	96.9	94.2	3%	20%	Pass	50	105	75 - 125	Pass
Zinc**	54.3	54.2	0%	20%	Pass	50	109	75 - 125	Pass

Analytical Notes

**The MS/MSD for this analyte did not meet the acceptance criteria due to a sample matrix effect. The LCS / LCSD pair was used to provide precision data for this batch.

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

Modified 8015 - Fuel Screen

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans; Bay Bridge West Approach	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/15/99
Matrix:	Soil	Date Analyzed:	02/15/99
Analyst:	NBP	Batch Number:	8015DS1554

Fuel Identified:	Motor Oil	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
A9-1	ND	ND	10
A9-3	ND	11*	10
A9-5	ND	ND	10
A9-10	ND	ND	10
A9-15	ND	ND	10
A8-1	ND	11*	10
A8-3	39*	ND	10
A8-5	ND	18*	10
A8-10	ND	ND	10
A8-15	ND	ND	10
A10-1	ND	ND	10
A10-3	ND	ND	10
A10-5	ND	11*	10
A10-10	ND	ND	10
A11-1	ND	11*	10
A11-3	ND	ND	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as indicated.

Modified 8015 - Fuel Screen

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: NBP

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Extracted: 02/16/99
Date Analyzed: 02/16-17/1999
Batch Number: 8015DS1555

Fuel Identified:	Motor Oil	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
A11-5	ND	ND	10
A11-10	ND	15*	10
A12-1	ND	17*	10
A12-3	ND	17*	10
A12-5	ND	ND	10
A12-10	ND	12*	10
A12-15	ND	12*	10
A13-1	ND	27*	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as Extractable Hydroc

Modified 8015 - Fuel Screen

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: NBP

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Extracted: 02/17/99
Date Analyzed: 02/17/99
Batch Number: 8015DS1557

Fuel Identified:	Motor Oil	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
A13-3	ND	10*	10
A13-5	ND	ND	100
A13-10	ND	ND	10
A18-10	ND	ND	10
A18-15	ND	14*	10
A19-1	ND	12*	10
A19-3	ND	18*	10
A19-5	ND	ND	10
A19-10	ND	ND	10
A19-15	ND	ND	10
B14-1	ND	ND	100
B14-3	ND	21*	10
B14-6	ND	ND	10
B15-1	26*	ND	10
B15-3	ND	ND	10
B15-6	ND	ND	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as indicated.

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1554

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	88	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A10-10

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	104	108	4%	29%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1555

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	94	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	94	95	1%	29%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1557

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	93	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	93	95	2%	29%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client: PSI
Project: Caltrans; Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: GR

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/17/99
Batch Number: 8015GS2103

	Detection Limit	Petroleum Hydrocarbons as Gasoline
Sample ID	mg/kg	mg/kg
Method Blank	0.50	ND
A9-1	0.50	ND
A9-3	0.50	ND
A9-5	0.50	ND
A9-10	0.50	ND
A9-15	0.50	ND
A8-1	0.50	ND
A8-3	0.50	ND
A8-5	0.50	ND
A8-10	0.50	ND
A8-15	0.50	ND
A10-1	0.50	ND
A10-3	0.50	ND
A10-5	0.50	ND
A10-10	0.50	ND
A11-1	0.50	ND
A11-3	0.50	ND
A11-5	0.50	ND
A11-10	0.50	ND
A12-1	0.50	ND
A12-3	0.50	0.51

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: GR

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/18-19/99
Batch Number: 8015GS2107

Sample ID	Detection Limit mg/kg	Petroleum Hydrocarbons as Gasoline mg/kg
Method Blank	0.50	ND
A12-5	0.50	ND
A12-10	0.50	ND
A12-15	0.50	ND
A13-1	0.50	ND
A13-3	0.50	ND
A13-5	0.50	ND
A13-10	0.50	ND
A18-10	0.50	ND
A18-15	0.50	ND
A19-1	0.50	ND
A19-3	0.50	ND
A19-5	0.50	ND
A19-10	0.50	ND
A19-15	0.50	ND
B14-1	0.50	ND
B14-3	0.50	ND
B14-6	0.50	ND
B15-1	0.50	ND
B15-3	0.50	ND
B15-6	0.50	ND

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2103

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	92	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	9.20	9.01	2%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2107

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	89	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	8.91	8.82	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8020 - BTEX

Centrum
(800) 798-9336

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: GR

Date Sampled: 02/08/99
Date Received: 02/11/99
Date Analyzed: 02/17-19/99
Batch Number: 8020S2103
8020S2107

	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (BFB)
Detection Limit:	0.005	0.005	0.005	0.015	Limit: >50%
Sample ID	mg/kg	mg/kg	mg/kg	mg/kg	
Method Blank	ND	ND	ND	ND	88 %
A8-1	ND	ND	ND	ND	101 %
A8-3	ND	ND	ND	ND	84 %
A8-5	ND	ND	ND	ND	91 %
A8-10	ND	ND	ND	ND	98 %
A8-15	ND	ND	ND	ND	95 %
A10-1	ND	ND	ND	ND	73 %
A10-3	ND	ND	ND	ND	71 %
A10-5	ND	ND	ND	ND	92 %
A10-10	ND	ND	ND	ND	79 %
A12-1	ND	ND	ND	ND	88 %
A12-3	ND	ND	ND	ND	91 %
A12-5	ND	ND	ND	ND	93 %
A12-10	ND	ND	ND	ND	100 %
A12-15	ND	ND	ND	ND	100 %
A18-10	ND	ND	ND	ND	95 %
A18-15	ND	ND	ND	ND	94 %
A19-1	ND	ND	ND	ND	72 %
A19-3	ND	ND	ND	ND	78 %
A19-5	ND	ND	ND	ND	69 %
A19-10	ND	ND	ND	ND	101 %
A19-15	ND	ND	ND	ND	91 %

QC Sample Report - EPA 8020

Matrix: Soil
Batch #: 8020S2103

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	98	70 - 130	Pass
Benzene	0.10	100	70 - 130	Pass
Toluene	0.10	97	70 - 130	Pass
Ethyl Benzene	0.10	93	70 - 130	Pass
m-, p-Xylene	0.20	100	70 - 130	Pass
o-Xylene	0.10	103	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.098	0.086	13%	25%	Pass
Benzene	0.100	0.099	1%	25%	Pass
Toluene	0.097	0.094	3%	25%	Pass
Ethyl Benzene	0.093	0.089	4%	25%	Pass
m-, p-Xylene	0.200	0.191	5%	25%	Pass
o-Xylene	0.103	0.099	4%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8020

Matrix: Soil
Batch #: 8020S2107

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	87	70 - 130	Pass
Benzene	0.10	101	70 - 130	Pass
Toluene	0.10	98	70 - 130	Pass
Ethyl Benzene	0.10	93	70 - 130	Pass
m-, p-Xylene	0.20	100	70 - 130	Pass
o-Xylene	0.10	104	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.087	0.090	3%	25%	Pass
Benzene	0.101	0.107	6%	25%	Pass
Toluene	0.098	0.104	6%	25%	Pass
Ethyl Benzene	0.093	0.099	6%	25%	Pass
m-, p-Xylene	0.200	0.209	4%	25%	Pass
o-Xylene	0.104	0.109	5%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8080 - PCBs

Client: PSI
Project: Caltrans: Bay Bridge West Approa
Job No.: 14427
Matrix: Soil
Analyst: TPW

Date Sampled: 02/05/99
Date Received: 02/11/99
Date Extracted: 02/19/99
Date Analyzed: 02/28/99
Batch Number: PCBS0260

	Sample ID:	Blank	A9-1	A9-3	A9-5	A9-10	A9-15
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	Blank	A9-1	A9-3	A9-5	A9-10	A9-15
Tetrachloro-m-xylene	94	110	111	112	108	108

EPA 8080 - PCBs

Client: PSI
Project: Caltrans; Bay Bridge West Approa
Job No.: 14427
Matrix: Soil
Analyst: TPW

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Extracted: 02/19/99
Date Analyzed: 02/28/99
Batch Number: PCBS0266

	Sample ID:	A11-1	A11-3	A11-5	A11-10	A13-1	A13-3
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A11-1	A11-3	A11-5	A11-10	A13-1	A13-3
Tetrachloro-m-xylene	114	107	107	113	92	105

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/08/99
Project:	Caltrans: Bay Bridge West Approa	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/19/99
Matrix:	Soil	Date Analyzed:	02/28/99
Analyst:	TPW	Batch Number:	PCBS0266

	Sample ID:	A13-5	A13-10	B14-1	B14-3	B14-6	B15-1
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A13-5	A13-10	B14-1	B14-3	B14-6	B15-1
Tetrachloro-m-xylene	89	97	87	102	114	89

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approa	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/19/99
Matrix:	Soil	Date Analyzed:	02/26/99
Analyst:	TPW	Batch Number:	PCBS0266

	Sample ID:	B15-3	B15-6
PCBs	DL	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND
Aroclor-1221	0.050	ND	ND
Aroclor-1232	0.050	ND	ND
Aroclor-1242	0.050	ND	ND
Aroclor-1248	0.050	ND	ND
Aroclor-1254	0.050	ND	ND
Aroclor-1260	0.050	ND	ND

Surrogates (% recovery) Limits: 50 - 150

	Sample ID:	B15-3	B15-6
Tetrachloro-m-xylene		117	114

QC Sample Report - EPA 8080 PCB

Matrix: Other
Batch #: PCBS0266

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Aroclor 1242	0.0667	94	75 - 127	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Aroclor 1242	0.0626	0.0633	1%	24%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans; Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: RRC

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/11-12/99
Batch Number: 8260S1561
8260S1562

	Sample ID:	Blank	A9-1	A9-3	A9-5	A9-10	A9-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No : 14427
Matrix: Soil
Analyst: RRC

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/11-12/99
Batch Number: 8260S1561

	Sample ID:	Blank	A9-1	A9-3	A9-5	A9-10	A9-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	Blank	A9-1	A9-3	A9-5	A9-10	A9-15
Dibromofluoromethane	96	102	102	103	103	105
Toluene-d8	96	102	99	103	100	104
Bromofluorobenzene	104	101	107	108	101	105

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: RRC

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/11-12/99
Batch Number: 8260S1561
8260S1562

	Sample ID:	Blank	A9-1	A9-3	A9-5	A9-10	A9-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: RRC

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/11-12/99
Batch Number: 8260S1561
8260S1562

	Sample ID:	A11-1	A11-3	A11-5	A11-10	A13-1	A13-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: RRC

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/11-12/99
Batch Number: 8260S1561

Sample ID:		A11-1	A11-3	A11-5	A11-10	A13-1	A13-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A11-1	A11-3	A11-5	A11-10	A13-1	A13-3
Dibromofluoromethane	102	108	107	106	104	106
Toluene-d8	100	103	102	103	98	103
Bromofluorobenzene	106	106	102	96	98	100

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: RRC

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/11-12/99
Batch Number: 8260S1561
8260S1562

	Sample ID:	A11-1	A11-3	A11-5	A11-10	A13-1	A13-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: RRC

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/11-12/99
Batch Number: 8260S1561
8260S1562

	Sample ID:	A13-5	A13-10	B-14-1	B14-3	B14-6	B15-1
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	0.002	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: RRC

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/11-12/99
Batch Number: 8260S1561

	Sample ID:	A13-5	A13-10	B-14-1	B14-3	B14-6	B15-1
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	0.018	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	0.001	ND	ND	0.002	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	0.001	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	0.067	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A13-5	A13-10	B-14-1	B14-3	B14-6	B15-1
Dibromofluoromethane	110	103	107	121	105	104
Toluene-d8	85	99	93	99	100	96
Bromofluorobenzene	87	100	90	90	105	95

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: RRC

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/11-12/99
Batch Number: 8260S1561
8260S1562

	Sample ID:	A13-5	A13-10	B-14-1	B14-3	B14-6	B15-1
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Buryl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans; Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: RRC

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/11-12/99
Batch Number: 8260S1561
8260S1562

	Sample ID:	B15-3	B15-6	L15-1	L15-2
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No.:	14427	Date Analyzed:	02/11-12/99
Matrix:	Soil	Batch Number:	826081561
Analyst:	RRC		

Sample ID:		B15-3	B15-6	L15-1	L15-2
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	0.001
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	B15-3	B15-6	L15-1	L15-2
Dibromofluoromethane	103	102	104	104
Toluene-d8	101	103	96	96
Bromofluorobenzene	105	104	92	97

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No.:	14427	Date Analyzed:	02/11-12/99
Matrix:	Soil	Batch Number:	8260S1561
Analyst:	RRC		8260S1562

	Sample ID:	B15-3	B15-6	L15-1	L15-2
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND

QC Sample Report - EPA Method 8260

Matrix: Soil
Batch #: 8260S1561

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
1,1-Dichloroethene	0.020	116	59 - 172	Pass
Benzene	0.020	115	66 - 142	Pass
Trichloroethene	0.020	116	71 - 137	Pass
Toluene	0.020	112	59 - 139	Pass
Chlorobenzene	0.020	115	60 - 133	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A9-10

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
1,1-Dichloroethene	0.0224	0.0240	7%	22%	Pass
Benzene	0.0204	0.0225	10%	21%	Pass
Trichloroethene	0.0193	0.0213	10%	24%	Pass
Toluene	0.0203	0.0207	2%	21%	Pass
Chlorobenzene	0.0187	0.0204	9%	21%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA Method 8260

Matrix: Soil
Batch #: 8260S1562

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
1,1-Dichloroethene	0.020	106	59 - 172	Pass
Benzene	0.020	114	66 - 142	Pass
Trichloroethene	0.020	114	71 - 137	Pass
Toluene	0.020	108	59 - 139	Pass
Chlorobenzene	0.020	113	60 - 133	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: B14-6

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
1,1-Dichloroethene	0.0230	0.0217	6%	22%	Pass
Benzene	0.0215	0.0226	5%	21%	Pass
Trichloroethene	0.0204	0.0218	7%	24%	Pass
Toluene	0.0199	0.0213	7%	21%	Pass
Chlorobenzene	0.0197	0.0210	7%	21%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

Sample ID:		Blank	TTBAA-1-20	TTBAA-1-25	A8-1	A8-5	A8-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	**0.097**	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	**0.11**	ND
Benzo[b]fluoranthene	0.033	ND	ND	ND	ND	**0.19**	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	**0.19**	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	**0.089**	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client: PSI
Project: Caltrans; Bay Bridge West Appr
Job No.: 14427
Matrix: Soil
Analyst: TPW

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Extracted: 02/20-21/99
Dates Analyzed: 02/22-23/99
Batch Number: 8270S0478
8270S0479

Sample ID:	Blank	TTBAA-1-20	TTBAA-1-25	A8-1	A8-5	A8-10
Compound DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene 0.099	ND	ND	ND	ND	ND	ND
Fluoranthene 0.033	ND	ND	ND	ND	0.084	ND
Fluorene 0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene 0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene 0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene 1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane 0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene 0.13	ND	ND	ND	ND	ND	ND
Isophorone 0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene 0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol 0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol 0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine 0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine 0.033	ND	ND	ND	ND	ND	ND
Naphthalene 0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline 0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline 0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline 0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene 0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol 0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol 0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol 1.6	ND	ND	ND	ND	ND	ND
Phenanthrene 0.066	ND	ND	ND	ND	ND	ND
Phenol 0.13	ND	4.0	5.8	0.93	1.3	0.91
Pyrene 0.033	ND	ND	ND	ND	0.11	ND
1,2,4-Trichlorobenzene 0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol 0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol 0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	Blank	TTBAA-1-20	TTBAA-1-25	A8-1	A8-5	A8-10
2-Fluorophenol (25 - 121%)	105	105	94	93	96	98
Phenol-D5 (24 - 113%)	108	109	99	98	102	102
Nitrobenzene-D5 (23 - 120%)	98	100	88	88	92	94
2-Fluorobiphenyl (30 - 115%)	98	97	87	87	91	91
2,4,6-Tribromophenol (19 - 122%)	10	105	97	94	98	98
p-Terphenyl-D14 (18 - 137%)	95	94	85	81	97	88

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

Sample ID:		A8-15	A10-1	A10-5	A10-10	A12-3	A12-5
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	ND	ND	ND	0.042	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Appr
Job No.: 14427
Matrix: Soil
Analyst: TPW

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Extracted: 02/20-21/99
Dates Analyzed: 02/22-23/99
Batch Number: 8270S0478
8270S0479

Sample ID:		A8-15	A10-1	A10-5	A10-10	A12-3	A12-5
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	3.7	0.37	0.42	0.83	1.3	0.44
Pyrene	0.033	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A8-15	A10-1	A10-5	A10-10	A12-3	A12-5
2-Fluorophenol (25 - 121%)	89	89	92	87	93	89
Phenol-D5 (24 - 113%)	95	94	97	92	95	92
Nitrobenzene-D5 (23 - 120%)	88	87	88	83	87	83
2-Fluorobiphenyl (30 - 115%)	87	87	90	85	84	82
2,4,6-Tribromophenol (19 - 122%)	96	93	96	92	86	83
p-Terphenyl-D14 (18 - 137%)	86	85	88	86	109	104

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

Sample ID:		A12-10	A12-15	A18-10	A18-15	A19-1	A19-3
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	**0.037**
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	**0.18**
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	**0.20**
Benzo[b]fluoranthene	0.033	ND	ND	ND	**0.041**	**0.093**	**0.32**
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	**0.13**
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	**0.33**
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	**0.048**	**0.17**
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

Sample ID:		A12-10	A12-15	A18-10	A18-15	A19-1	A19-3
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	0.053	0.18
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	0.14
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	0.13
Phenol	0.13	0.83	0.82	1.6	2.4	1.4	1.3
Pyrene	0.033	ND	ND	ND	ND	0.068	0.30
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A12-10	A12-15	A18-10	A18-15	A19-1	A19-3
2-Fluorophenol (25 - 121%)	90	87	74	92	84	85
Phenol-D5 (24 - 113%)	94	90	77	94	89	88
Nitrobenzene-D5 (23 - 120%)	85	83	70	86	82	81
2-Fluorobiphenyl (30 - 115%)	81	81	68	84	82	79
2,4,6-Tribromophenol (19 - 122%)	81	81	69	81	85	81
p-Terphenyl-D14 (18 - 137%)	96	98	81	103	94	99

EPA 8270 Semivolatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Appr
Job No.: 14427
Matrix: Soil
Analyst: TPW

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Extracted: 02/20-21/99
Dates Analyzed: 02/22-23/99
Batch Number: 8270S0478
827050479

Sample ID:		A19-5	A19-10	A19-15	B14-3	B14-6	B15-3
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	0.096	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	0.12	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	0.22	ND	ND	0.048	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	0.22	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	0.11	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Appr
Job No.: 14427
Matrix: Soil
Analyst: TPW

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Extracted: 02/20-21/99
Dates Analyzed: 02/22-23/99
Batch Number: 8270S0478
8270S0479

Sample ID:		A19-5	A19-10	A19-15	B14-3	B14-6	B15-3
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	0.11	ND	ND	ND	ND	ND
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	1.1	0.73	0.38	0.48	0.38	0.29
Pyrene	0.033	0.14	ND	ND	0.035	ND	ND
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A19-5	A19-10	A19-15	B14-3	B14-6	B15-3
2-Fluorophenol (25 - 121%)	81	86	82	83	83	82
Phenol-D5 (24 - 113%)	86	88	84	87	87	84
Nitrobenzene-D5 (23 - 120%)	79	82	78	80	79	78
2-Fluorobiphenyl (30 - 115%)	78	80	77	78	74	75
2,4,6-Tribromophenol (19 - 122%)	80	82	79	83	75	77
p-Terphenyl-D14 (18 - 137%)	87	90	90	93	74	92

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

	Sample ID:	Blank	B15-6
Compound	DL	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND
Acenaphthylene	0.033	ND	ND
Anthracene	0.033	ND	ND
Benzo[a]anthracene	0.066	ND	ND
Benzo[a]pyrene	0.066	ND	ND
Benzo[b]fluoranthene	0.033	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND
Benzyl alcohol	0.13	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND
4-Bromophenylphenylether	0.033	ND	ND
Butylbenzylphthalate	0.033	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND
4-Chloroaniline	0.16	ND	ND
2-Chloronaphthalene	0.033	ND	ND
2-Chlorophenol	0.13	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND
Chrysene	0.033	ND	ND
Di-n-butylphthalate	0.33	ND	ND
Di-n-octylphthalate	0.033	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND
Dibenzofuran	0.033	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND
2,4-Dichlorophenol	0.16	ND	ND
Diethylphthalate	0.33	ND	ND
2,4-Dimethylphenol	0.099	ND	ND
Dimethylphthalate	0.033	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND
2,4-Dinitrophenol	1.6	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

Sample ID:		Blank	B15-6
Compound	DL	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND
Fluoranthene	0.033	ND	ND
Fluorene	0.033	ND	ND
Hexachlorobenzene	0.033	ND	ND
Hexachlorobutadiene	0.033	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND
Hexachloroethane	0.033	ND	ND
Indeno(1,2,3-c,d)pyrene	0.13	ND	ND
Isophorone	0.033	ND	ND
2-Methylnaphthalene	0.033	ND	ND
2-Methylphenol	0.16	ND	ND
4-Methylphenol	0.16	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND
Naphthalene	0.033	ND	ND
2-Nitroaniline	0.099	ND	ND
3-Nitroaniline	0.099	ND	ND
4-Nitroaniline	0.33	ND	ND
Nitrobenzene	0.099	ND	ND
2-Nitrophenol	0.13	ND	ND
4-Nitrophenol	0.33	ND	ND
Pentachlorophenol	1.6	ND	ND
Phenanthrene	0.066	ND	ND
Phenol	0.13	ND	0.20
Pyrene	0.033	ND	ND
1,2,4-Trichlorobenzene	0.033	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	Blank	B15-6
2-Fluorophenol (25 - 121%)	91	83
Phenol-D5 (24 - 113%)	93	85
Nitrobenzene-D5 (23 - 120%)	84	77
2-Fluorobiphenyl (30 - 115%)	83	77
2,4,6-Tribromophenol (19 - 122%)	82	79
p-Terphenyl-D14 (18 - 137%)	99	95

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

Sample ID:		A8-3	A10-3	A12-1	B15-1	L15-1	L15-2
Compound	DL*	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.33	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.33	ND	ND	ND	ND	ND	ND
Anthracene	0.33	ND	ND	ND	ND	ND	0.37
Benzo[a]anthracene	0.66	0.80	ND	ND	ND	1.3	2.1
Benzo[a]pyrene	0.66	0.96	ND	ND	ND	1.7	2.2
Benzo[b]fluoranthene	0.33	1.6	ND	ND	ND	2.8	3.5
Benzo[g,h,i]perylene	0.99	ND	ND	ND	ND	1.1	1.4
Benzo[k]fluoranthene	0.99	1.6	ND	ND	ND	2.8	3.4
Benzyl alcohol	1.3	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.66	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.66	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.99	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	3.3	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.33	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.33	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	1.6	ND	ND	ND	ND	ND	ND
4-Chloroaniline	1.6	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Chlorophenol	1.3	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.33	ND	ND	ND	ND	ND	ND
Chrysene	0.33	0.79	ND	ND	ND	1.0	1.8
Di-n-butylphthalate	3.3	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.33	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.99	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.33	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	1.3	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1.6	ND	ND	ND	ND	ND	ND
Diethylphthalate	3.3	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.99	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.33	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	3.3	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	16	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.33	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Appr
Job No.: 14427
Matrix: Soil
Analyst: TPW

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Extracted: 02/20-21/99
Dates Analyzed: 02/22-23/99
Batch Number: 8270S0478
8270S0479

Sample ID:		A8-3	A10-3	A12-1	B15-1	L15-1	L15-2
Compound	DL*	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.99	ND	ND	ND	ND	ND	ND
Fluoranthene	0.33	1.0	ND	ND	ND	1.2	1.9
Fluorene	0.33	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.33	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	16	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.33	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	1.3	ND	ND	ND	ND	ND	1.5
Isophorone	0.33	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Methylphenol	1.6	ND	ND	ND	ND	ND	ND
4-Methylphenol	1.6	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.33	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.33	ND	ND	ND	ND	ND	ND
Naphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.99	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.99	ND	ND	ND	ND	ND	ND
4-Nitroaniline	3.3	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.99	ND	ND	ND	ND	ND	ND
2-Nitrophenol	1.3	ND	ND	ND	ND	ND	ND
4-Nitrophenol	3.3	ND	ND	ND	ND	ND	ND
Pentachlorophenol	16	ND	ND	ND	ND	ND	ND
Phenanthrene	0.66	ND	ND	ND	ND	ND	1.0
Phenol	1.3	ND	ND	ND	ND	8.0	2.8
Pyrene	0.33	1.1	ND	ND	ND	2.0	3.6
1,2,4-Trichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	3.3	ND	ND	ND	ND	ND	ND

* See Case Narrative regarding higher than usual detection limits.

Surrogates (Limits) in Percent Recovery

Sample ID:	A8-3	A10-3	A12-1	B15-1	L15-1	L15-2
2-Fluorophenol (25 - 121%)	97	103	91	90	102	90
Phenol-D5 (24 - 113%)	100	104	87	84	96	81
Nitrobenzene-D5 (23 - 120%)	86	87	79	80	93	84
2-Fluorobiphenyl (30 - 115%)	87	92	81	83	93	84
2,4,6-Tribromophenol (19 - 122%)	83	83	69	64	80	74
p-Terphenyl-D14 (18 - 137%)	85	109	93	102	126	123

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

Sample ID:	B14-1	
Compound	DL*	mg/Kg
Acenaphthene	3.3	ND
Acenaphthylene	3.3	ND
Anthracene	3.3	ND
Benzo[a]anthracene	6.6	ND
Benzo[a]pyrene	6.6	ND
Benzo[b]fluoranthene	3.3	4.9
Benzo[g,h,i]perylene	9.9	ND
Benzo[k]fluoranthene	9.9	ND
Benzyl alcohol	13	ND
bis(2-Chloroethoxy)methane	6.6	ND
bis(2-Chloroethyl)ether	6.6	ND
bis(2-Chloroisopropyl)ether	9.9	ND
bis(2-Ethylhexyl)phthalate	33	ND
4-Bromophenylphenylether	3.3	ND
Butylbenzylphthalate	3.3	ND
4-Chloro-3-methylphenol	16	ND
4-Chloroaniline	16	ND
2-Chloronaphthalene	3.3	ND
2-Chlorophenol	13	ND
4-Chlorophenylphenylether	3.3	ND
Chrysene	3.3	ND
Di-n-butylphthalate	33	ND
Di-n-octylphthalate	3.3	ND
Dibenzo[a,h]anthracene	9.9	ND
Dibenzofuran	3.3	ND
1,2-Dichlorobenzene	3.3	ND
1,3-Dichlorobenzene	3.3	ND
1,4-Dichlorobenzene	3.3	ND
3,3-Dichlorobenzidine	13	ND
2,4-Dichlorophenol	16	ND
Diethylphthalate	33	ND
2,4-Dimethylphenol	9.9	ND
Dimethylphthalate	3.3	ND
4,6-Dinitro-2-methylphenol	33	ND
2,4-Dinitrophenol	160	ND
2,4-Dinitrotoluene	3.3	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans; Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

Sample ID:		B14-1
Compound	DL*	mg/Kg
2,6-Dinitrotoluene	9.9	ND
Fluoranthene	3.3	ND
Fluorene	3.3	ND
Hexachlorobenzene	3.3	ND
Hexachlorobutadiene	3.3	ND
Hexachlorocyclopentadiene	160	ND
Hexachloroethane	3.3	ND
Indeno[1,2,3-c,d]pyrene	13	ND
Isophorone	3.3	ND
2-Methylnaphthalene	3.3	ND
2-Methylphenol	16	ND
4-Methylphenol	16	ND
N-Nitrosodi-n-propylamine	3.3	ND
N-Nitrosodiphenylamine	3.3	ND
Naphthalene	3.3	ND
2-Nitroaniline	9.9	ND
3-Nitroaniline	9.9	ND
4-Nitroaniline	33	ND
Nitrobenzene	9.9	ND
2-Nitrophenol	13	ND
4-Nitrophenol	33	ND
Pentachlorophenol	160	ND
Phenanthrene	6.6	ND
Phenol	13	ND
Pyrene	3.3	4.3
1,2,4-Trichlorobenzene	3.3	ND
2,4,5-Trichlorophenol	20	ND
2,4,6-Trichlorophenol	33	ND

* See Case Narrative regarding higher than usual detection limits.

Surrogates (Limits) in Percent Recovery

Sample ID:	B14-1
2-Fluorophenol (25 - 121%)	98
Phenol-D5 (24 - 113%)	87
Nitrobenzene-D5 (23 - 120%)	84
2-Fluorobiphenyl (30 - 115%)	85
2,4,6-Tribromophenol (19 - 122%)	70
p-Terphenyl-D14 (18 - 137%)	114

QC Sample Report - EPA 8270

Batch #: 8270S0478 Matrix: Soil

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Phenol	1.89	82	5 - 112	Pass
2-Chlorophenol	2.04	85	23 - 134	Pass
1,4-Dichlorobenzene	1.10	79	20 - 124	Pass
N-Nitrosodi-n-propylamine	1.06	97	0 - 230	Pass
1,2,4-Trichlorobenzene	1.49	81	44 - 142	Pass
4-Chloro-3-Methylphenol	2.61	87	22 - 147	Pass
Acenaphthene	1.09	82	47 - 145	Pass
4-Nitrophenol	2.30	111	0 - 132	Pass
2,4-Dinitrotoluene	1.35	96	39 - 139	Pass
Pentachlorophenol	2.72	105	14 - 176	Pass
Pyrene	0.97	80	52 - 115	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Phenol	2.18	2.34	7%	35%	Pass
2-Chlorophenol	2.26	2.48	9%	50%	Pass
1,4-Dichlorobenzene	1.06	1.16	9%	27%	Pass
N-Nitrosodi-n-propylamine	1.30	1.36	5%	38%	Pass
1,2,4-Trichlorobenzene	1.08	1.19	9%	23%	Pass
4-Chloro-3-Methylphenol	2.33	2.53	8%	33%	Pass
Acenaphthene	1.09	1.18	7%	23%	Pass
4-Nitrophenol	2.96	2.91	2%	50%	Pass
2,4-Dinitrotoluene	1.28	1.31	2%	47%	Pass
Pentachlorophenol	2.80	2.66	5%	47%	Pass
Pyrene	1.07	1.37	25%	36%	Pass

Analytical Notes:

Centrum
(800) 798-9336

QC Sample Report - EPA 8270

Batch #: 8270S0479 Matrix: Soil

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Phenol	1.89	88	5 - 112	Pass
2-Chlorophenol	2.04	94	23 - 134	Pass
1,4-Dichlorobenzene	1.10	88	20 - 124	Pass
N-Nitrosodi-n-propylamine	1.06	98	0 - 230	Pass
1,2,4-Trichlorobenzene	1.49	88	44 - 142	Pass
4-Chloro-3-Methylphenol	2.61	91	22 - 147	Pass
Acenaphthene	1.09	83	47 - 145	Pass
4-Nitrophenol	2.30	98	0 - 132	Pass
2,4-Dinitrotoluene	1.35	90	39 - 139	Pass
Pentachlorophenol	2.72	89	14 - 176	Pass
Pyrene	0.97	98	52 - 115	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Phenol	2.33	2.03	14%	35%	Pass
2-Chlorophenol	2.50	2.19	14%	50%	Pass
1,4-Dichlorobenzene	1.17	1.04	11%	27%	Pass
N-Nitrosodi-n-propylamine	1.31	1.01	26%	38%	Pass
1,2,4-Trichlorobenzene	1.17	1.11	5%	23%	Pass
4-Chloro-3-Methylphenol	2.41	2.36	2%	33%	Pass
Acenaphthene	1.10	1.08	2%	23%	Pass
4-Nitrophenol	2.62	2.80	6%	50%	Pass
2,4-Dinitrotoluene	1.21	1.01	18%	47%	Pass
Pentachlorophenol	2.37	1.96	19%	47%	Pass
Pyrene	1.31	1.42	9%	36%	Pass

Analytical Notes:

Centrum Analytical Laboratories, Inc.
290 TENNESSEE STREET
REDLANDS, CA 92373
(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14427

Project No.: 575-86001	Project Name: Caltrans: Bay Bridge W. Approach
Project Manager: Frank Poss	Phone: (510) 785-1111 Fax: (510) 785-1192
Client Name: (Company) PSI	Address: 1320 W. Winton Ave

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS 8260	8080 Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8020 BTEX	418.1 (TRPH)	Semivolatiles 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH-Speciation	6010 Metals		Remarks/ Special Instructions
11	TTB64-2-20	2/6/99	1150	S										X						
12	TTB64-2-25	"	1210	"																Archive
13	TTB65-1-20		1240											X						
14	TTB65-1-25		1255																	Archive
15	A9-1		1430				X	X									X	X		
16	A9-3		1435				↓	↓									↓	↓		
17	A9-5		1440																	
18	A9-10		1445																	
19	A9-15		1450																	
20	A9-20	↓	1455	↓																Archive

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	2/6/99	1700			
Received by:	Date	Time	Received by:	Date	Time
			Relinquished by:	Date	Time
			Received for Laboratory by:	Date	Time
				2/4/99	10:00

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:

Samples chilled? ☒ Yes ☐ No

Custody seals? ☐ Yes ☒ No

All sample containers intact? ☒ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

☒ Air bill

Turn-around time

☐ 24 Hr. RUSH*

☐ 48 Hr. RUSH*

☒ Normal TAT

* Requires prior approval, additional charges apply

Sample Disposal

☐ Client will pick up

☐ Return to client

☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No

D-3

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

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REDLANDS, CA 92373

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FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14427

Project No.: 575-86001

Project Name: Caltrans : B.B. W. Approach

Project Manager: Frank Pass

Phone: Fax:

Client Name: (Company) PSI

Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS 8260 8240 8010 5242	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	[illegible]/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - 5 peaks	6010 Metals	
2-1	A8-1	2/6/99	1510	S						X		X					X	X	
2-2	A8-3		1515																
2-3	A8-5		1520																
2-4	A8-10		1525																
2-5	A8-15		1535																
2-6	A8-20		1550																Archive

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

Remarks/ Special Instructions

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	2/6/99	1700			
Received by:	**Date**	**Time**	**Received by:**	**Date**	**Time**
			Relinquished by	**Date**	**Time**
			Received for laboratory by:	**Date**	**Time**
				2/11/99	1000

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:

Samples chilled? ☒ Yes ☐ No

Custody seals? ☐ Yes ☒ No

All sample containers intact? ☒ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

Air Borne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes

Sample Locator No.

D-3

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.
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(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14427

Project No	Project Name	Project Manager	Phone	Fax	Client Name (Company)	Address
575-80001	Caltrans Bay Bridge W. Approach	Frank Poss	(510)755-1111	(510) 785-1192	PSI	1320 W. Winton Ave, Hayward, CA

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260	8080: Pesticides PCBs	8015M: Diesel Fuel Screen	8020 BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) pp RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Speciation	6010 Metals
27	A10-1	2/7/99	730							X		X					X	X
28	A10-3	"	735							↓		↓					↓	↓
29	A10-5		740															
30	A10-10		745															
31	A11-1		805				X	X										
32	A11-3		810				↓	↓										
33	A11-5		815															
34	A11-10		820															
35	A12-1		830							X		X						
36	A12-3	↓	835							X		X					↓	↓

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval; additional charges apply

Remarks/ Special Instructions

Relinquished by (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	2/8/99				
Received by:	Date	Time	Received by:	Date	Time
			Relinquished by:	Date	Time
			Received by Laboratory by:	Date	Time
				2/11/99	1000

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
- Samples chilled? ☒ Yes ☐ No
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried ☒ Air borne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No
D-3

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

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REDLANDS, CA 92373
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FAX (909) 793-1559

Centrum Job # 14427

Chain of Custody Record

Project No.: 575-86001	Project Name: Caltrans : RB,		
Project Manager: Frank Poss	Phone:	Fax:	
Client Name. (Company): PSI	Address:		

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260	8080 Pesticides PCBs PCB	8015M: Diesel Fuel Screen	Gasoline 8020 BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH- Speciation	6010 Metals		Remarks/ Special Instructions
37	A12-5	2/7/99	840	S						X		X					X	X		
38	A12-10		845																	
39	A12-15		905																	
40	A13-1		915				X	X												
41	A13-3		920																	
42	A13-5		925																	
43	A13-10		935																	
44	A18-10		1025							X		X								
45	A18-15		1035							X		X								
46	A19-1		1235							X		X								

NO 5.5

Relinquished by: (Sampler's Signature)	Date: 2/8/99	Time	Relinquished by:	Date	Time
Received by:	Date	Time	Received by:	Date	Time
			Relinquished by:	Date	Time
The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof			Received for Laboratory by:	Date: 2/11/99	Time: 10:00

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Request prior approval, additional charges apply

To be completed by laboratory personnel:
- Samples chilled? ☒ Yes ☐ No
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No.
D-3

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.
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REDLANDS, CA 92373
(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14427

Project No.: 575-86001
Project Name: Chevron: BB
Project Manager: Frank Ross
Phone: Fax:
Client Name: (Company) PSI
Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 [illegible]	8080: [illegible] PCBs [illegible]/PCB	8015M: Diesel Fuel Screen	[illegible] 8020 [illegible]/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH-Speciation	6010 Metals	Remarks/ Special Instructions
47	A19-3	2/7/99	1240	S						X		X					X	X	
48	A19-5		1245																
44	A19-10		1250																
50	A19-15		1300																
51	A19-20		1310																Archive
52	B14-1		1320				X	X				X					X	X	
53	B14-3		1325																
54	B14-6		1330																
55	B15-1		1335				X	X				X							
56	B15-3		1340				X	X				X							

Relinquished by (Sampler's Signature): Date 2/5/99 Time 1700
Received by: Date Time
Relinquished by: Date Time
Received by: Date Time
Relinquished by: Date Time
Received for Laboratory by: Date 2/11/99 Time 10:00

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
Samples chilled? ☑ Yes ☐ No
Custody seals? ☐ Yes ☑ No
All sample containers intact? ☑ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried ☒ Airborne

Turn-around time
☐ 24 Hr. RUSH*
☐ 48 Hr. RUSH*
☒ Normal TAT
* Requires prior approval, additional charges apply

Sample Disposal
☐ Client will pick up
☐ Return to client
☐ Lab disposal fee $5

Laboratory Notes

Sample Locator No.
D-3

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
REDLANDS, CA 92373

(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14427

Page 4 of 4

Project No.: 575 - 8G001

Project Name: Caltrans: B. B

Project Manager: Frank Poss

Phone:

Fax:

Client Name: (Company) PSI

Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GC/MS: 8260	8080: PCBs	8015M: Diesel Fuel Screen	8020 BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH- Speciation	6010 Metals
57	B15-6	2/7/99	1345				X	X				X					X	X
58	L15-1		1347				X					X						
59	L15-2		1350				X					X						
60	TR34-1-10		1400											X				
61	TR34-1-15		1410															
62	TTB2-2-10		1434											X				
63	TTB2-2-15	↓	1440															

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

Remarks/ Special Instructions

63: Archive
62: Archive

Relinquished by (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	2/8/99	1700			
Received by:	**Date**	**Time**	**Received by**	**Date**	**Time**
			Relinquished by:	**Date**	**Time**
			Received for Laboratory by:	**Date**	**Time**
				2/11/99	10:00

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:

Samples chilled? ☑ Yes ☐ No

Custody seals? ☐ Yes ☑ No

All sample containers intact? ☑ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☐ Hand carried ☑ Air borne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No: D-3

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 02/03/99
Date Received: 02/05/99
Job Number: 14401

Project: Caltrans: Bay Bridge West Approach

CASE NARRATIVE

The following information applies to samples which were received on 02/05/99 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

7471: The result for mercury in some samples exceeded the calibration range. Due to a deficiency in EPA Method 7471, re-analysis at a dilution is not possible; mercury was reported from the initial run as an estimated value.

Report approved by:

Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL - Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions
ND - Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit.
N/A - Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for

Metals

Client: PSI
Project: Caltrans; Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/09/99
Date Analyzed: 02/10-12/99
Batch Number: 6010S1138

		Sample ID:	Blank	R3-2-30	B13-1	B13-3	B13-6	A18-1
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	NA	ND	ND	ND	ND
Arsenic	6010	5.0	ND	NA	11	11	11	15
Barium	6010	5.0	ND	NA	70	49	130	75
Beryllium	6010	5.0	ND	NA	ND	ND	ND	ND
Cadmium	6010	2.5	ND	NA	ND	ND	ND	ND
Chromium	6010	2.5	ND	NA	38	23	19	51
Cobalt	6010	2.5	ND	NA	8.2	2.7	5.8	13
Copper	6010	2.5	ND	NA	37	20	16	16
Lead	6010	5.0	ND	36	260	10	11	6.6
Mercury	7471	0.10	ND	NA	0.64	ND	ND	ND
Molybdenum	6010	5.0	ND	NA	ND	ND	ND	ND
Nickel	6010	5.0	ND	NA	36	23	23	43
Selenium	6010	10	ND	NA	ND	ND	ND	ND
Silver	6010	5.0	ND	NA	22	ND	ND	ND
Thallium	6010	10	ND	NA	ND	ND	ND	ND
Vanadium	6010	5.0	ND	NA	35	30	21	52
Zinc	6010	5.0	ND	NA	94	31	42	38

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/09/99
Date Analyzed: 02/10-12/99
Batch Number: 6010S1138

		Sample ID:	A18-3	A18-6	A15-1	A15-3	A15-5	A14-1
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	12	13	12	11	15	9.7
Barium	6010	5.0	75	63	88	110	170	130
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	58	47	85	53	44	43
Cobalt	6010	2.5	12	9.6	20	11	9.5	10
Copper	6010	2.5	16	15	5.8	14	80	14
Lead	6010	5.0	5.9	8.0	6.5	64	460	67
Mercury	7471	0.10	ND	ND	ND	0.23	0.42	ND
Molybdenum	6010	5.0	ND	ND	ND	ND	ND	ND
Nickel	6010	5.0	49	37	34	44	30	33
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	53	43	78	45	38	39
Zinc	6010	5.0	39	38	20	74	410	70

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/09/99
Date Analyzed: 02/10-12/99
Batch Number: 6010S1138

		Sample ID:	A14-3	A14-5	A17-1	A17-3	A17-5	A17-10
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	8.8	ND	7.5	15	11	8.9
Barium	6010	5.0	100	71	92	180	74	45
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	45	11	20	47	45	90
Cobalt	6010	2.5	6.8	3.8	11	15	8.0	5.8
Copper	6010	2.5	14	5.8	14	49	7.4	6.1
Lead	6010	5.0	140	8.3	11	280	ND	5.2
Mercury	7471	0.10	ND	ND	ND	0.10	ND	ND
Molybdenum	6010	5.0	ND	ND	ND	5.8	ND	5.2
Nickel	6010	5.0	27	12	20	38	43	33
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	39	20	22	42	38	42
Zinc	6010	5.0	62	22	38	130	27	20

Metals

Client: PSI
Project: Caltrans; Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/09/99
Date Analyzed: 02/10-12/99
Batch Number: 6010S1138

Sample ID:			A17-15	A5-1	A5-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND
Arsenic	6010	5.0	25	15	22
Barium	6010	5.0	150	140	240
Beryllium	6010	5.0	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND
Chromium	6010	2.5	90	57	35
Cobalt	6010	2.5	31	13	14
Copper	6010	2.5	9.8	22	30
Lead	6010	5.0	ND	26	25
Mercury	7471	0.10	ND	ND	ND
Molybdenum	6010	5.0	7.6	5.6	6.5
Nickel	6010	5.0	64	46	47
Selenium	6010	10	ND	ND	ND
Silver	6010	5.0	ND	ND	ND
Thallium	6010	10	ND	ND	ND
Vanadium	6010	5.0	96	45	34
Zinc	6010	5.0	34	55	75

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/10/99
Date Analyzed: 02/12-15/99
Batch Number: 6010S1139

		Sample ID:	Blank	A5-5	A5-10	A5-15	A7-1	A7-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	ND	18	ND	12	13	14
Barium	6010	5.0	ND	130	10	21	160	130
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	ND	38	29	43	24	34
Cobalt	6010	2.5	ND	14	3.7	5.7	12	9.1
Copper	6010	2.5	ND	17	25	11	17	32
Lead	6010	5.0	ND	17	ND	6.2	16	84
Mercury	7471	0.10	ND	ND	ND	ND	ND	0.10
Molybdenum	6010	5.0	ND	6.2	ND	8.2	5.3	6.3
Nickel	6010	5.0	ND	40	17	38	25	28
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	25	8.3	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	ND	39	26	35	28	35
Zinc	6010	5.0	ND	43	15	40	47	66

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/10/99
Date Analyzed: 02/12-15/99
Batch Number: 6010S1139

		Sample ID:	A7-5	A7-10	A7-15	A6-1	A6-3	A6-5
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	15	5.0	13	18	18	14
Barium	6010	5.0	14	23	110	110	130	83
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	53	32	66	59	58	79
Cobalt	6010	2.5	11	4.4	11	16	16	13
Copper	6010	2.5	13	3.1	12	14	16	13
Lead	6010	5.0	9.9	ND	6.3	49	37	13
Mercury	7471	0.10	ND	ND	ND	0.21	ND	ND
Molybdenum	6010	5.0	6.9	ND	6.5	7.0	7.2	8.7
Nickel	6010	5.0	42	19	34	58	51	55
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	46	27	51	54	54	65
Zinc	6010	5.0	46	18	31	82	96	42

Metals

Client: PSI
Project: Caltrans; Bay Bridge West Approach
Job No. 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/10/99
Date Analyzed: 02/12-15/99
Batch Number: 6010S1139

	Sample ID:		A6-10	A6-15	A4-1	A4-3	A4-5	A4-10
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	5.8	ND	15	22	11	ND
Barium	6010	5.0	20	19	97	380	69	14
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	31	33	48	22	35	28
Cobalt	6010	2.5	3.6	4.0	12	15	6.4	3.5
Copper	6010	2.5	48	67	27	37	17	2.9
Lead	6010	5.0	35	43	21	180	85	ND
Mercury	7471	0.10	2.7	3.4	0.12	0.12	ND	ND
Molybdenum	6010	5.0	ND	ND	8.4	8.8	5.1	ND
Nickel	6010	5.0	19	22	62	46	32	18
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	25	27	36	26	27	21
Zinc	6010	5.0	69	59	65	73	66	15

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/10/99
Date Analyzed: 02/12-15/99
Batch Number: 6010S1139

		Sample ID:	A4-15	A3-1	A3-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND
Arsenic	6010	5.0	11	18	33
Barium	6010	5.0	18	170	360
Beryllium	6010	5.0	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND
Chromium	6010	2.5	46	35	17
Cobalt	6010	2.5	5.9	11	21
Copper	6010	2.5	14	29	34
Lead	6010	5.0	8.3	120	34
Mercury	7471	0.10	ND	0.39	0.12
Molybdenum	6010	5.0	6.0	8.5	11
Nickel	6010	5.0	41	30	55
Selenium	6010	10	ND	ND	ND
Silver	6010	5.0	ND	ND	ND
Thallium	6010	10	ND	ND	ND
Vanadium	6010	5.0	42	37	25
Zinc	6010	5.0	44	100	86

Metals

Client: PSI
Project: Caltrans; Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/11/99
Date Analyzed: 02/15-16/99
Batch Number: 6010S1141

		Sample ID:	Blank	A3-5	A3-10	A3-15	A2-1	A2-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	ND	14	7.3	15	14	14
Barium	6010	5.0	ND	170	72	21	69	90
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	ND	29	30	43	59	54
Cobalt	6010	2.5	ND	8.0	3.8	5.8	8.5	9.4
Copper	6010	2.5	ND	15	17	13	11	12
Lead	6010	5.0	ND	42	160	7.1	33	20
Mercury	7471	0.10	ND	0.13	2.5	ND	ND	ND
Molybdenum	6010	5.0	ND	9.2	ND	8.9	7.2	7.4
Nickel	6010	5.0	ND	30	19	42	30	34
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	ND	27	26	36	48	46
Zinc	6010	5.0	ND	390	140	49	48	40

Metals

Client: PSI
Project: Caltrans; Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/11/99
Date Analyzed: 02/15-16/99
Batch Number: 6010S1141

		Sample ID:	A2-5	A2-10	A2-15	A1-1	A1-3	A1-5
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	8.1	7.4	ND	11	10	11
Barium	6010	5.0	82	240	6.6	90	87	84
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	14	26	21	63	55	57
Cobalt	6010	2.5	ND	5.3	3.2	9.7	9.5	8.8
Copper	6010	2.5	21	22	2.6	14	14	13
Lead	6010	5.0	320	240	ND	36	58	37
Mercury	7471	0.10	16*	9.1*	0.20	0.19	0.10	0.18
Molybdenum	6010	5.0	ND	ND	ND	ND	ND	ND
Nickel	6010	5.0	11	21	15	32	33	36
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	13	29	17	48	45	44
Zinc	6010	5.0	300	130	13	47	47	49

*These concentrations for Mercury are estimated values; see Case Narrative.

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/11/99
Date Analyzed: 02/15-16/99
Batch Number: 6010S1141

		Sample ID:	A1-10	A1-15
Element	Method #	DL	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND
Arsenic	6010	5.0	9.8	6.1
Barium	6010	5.0	70	9.4
Beryllium	6010	5.0	ND	ND
Cadmium	6010	2.5	ND	ND
Chromium	6010	2.5	31	36
Cobalt	6010	2.5	5.1	4.1
Copper	6010	2.5	16	3.1
Lead	6010	5.0	200	ND
Mercury	7471	0.10	0.96	ND
Molybdenum	6010	5.0	ND	ND
Nickel	6010	5.0	20	20
Selenium	6010	10	ND	ND
Silver	6010	5.0	ND	ND
Thallium	6010	10	ND	ND
Vanadium	6010	5.0	27	28
Zinc	6010	5.0	210	17

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1138
MS/MSD Sample ID: A18-3

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	19.5	18.4	6%	20%	Pass	50	120	75 - 125	Pass
Arsenic	66.2	64.8	2%	20%	Pass	50	104	75 - 125	Pass
Barium	127	126	0%	20%	Pass	50	99	75 - 125	Pass
Beryllium	39.7	40.3	1%	20%	Pass	50	98	75 - 125	Pass
Cadmium	48.0	48.3	1%	20%	Pass	50	99	75 - 125	Pass
Chromium	120	123	2%	20%	Pass	50	103	75 - 125	Pass
Cobalt	61.1	61.3	0%	20%	Pass	50	102	75 - 125	Pass
Copper	65.8	65.5	0%	20%	Pass	50	100	75 - 125	Pass
Lead	55.1	56.6	3%	20%	Pass	50	101	75 - 125	Pass
Mercury	2.66	2.66	0%	20%	Pass	2.5	104	75 - 125	Pass
Molybdenum	52.8	53.0	0%	20%	Pass	50	101	75 - 125	Pass
Nickel	99.2	99.1	0%	20%	Pass	50	101	75 - 125	Pass
Selenium	50.6	49.9	1%	20%	Pass	50	100	75 - 125	Pass
Silver**	49.0	50.0	2%	20%	Pass	50	98	75 - 125	Pass
Thallium	48.5	49.6	2%	20%	Pass	50	86	75 - 125	Pass
Vanadium	107	108	1%	20%	Pass	50	103	75 - 125	Pass
Zinc	88.9	89.4	1%	20%	Pass	50	114	75 - 125	Pass

Analytical Notes

**The MS/MSD for this analyte did not meet the acceptance criteria due to a sample matrix effect. The LCS / LCSD pair was used to provide precision data for this batch.

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1139
MS/MSD Sample ID: A7-10

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	38.1	37.8	1%	20%	Pass	50	101	75 - 125	Pass
Arsenic	49.7	51.1	3%	20%	Pass	50	95	75 - 125	Pass
Barium	66.3	70.9	7%	20%	Pass	50	96	75 - 125	Pass
Beryllium	42.4	43.4	2%	20%	Pass	50	93	75 - 125	Pass
Cadmium	46.0	47.4	3%	20%	Pass	50	96	75 - 125	Pass
Chromium	79.6	80.6	1%	20%	Pass	50	99	75 - 125	Pass
Cobalt	50.1	51.3	2%	20%	Pass	50	98	75 - 125	Pass
Copper	48.5	49.3	2%	20%	Pass	50	96	75 - 125	Pass
Lead	49.3	51.6	4%	20%	Pass	50	96	75 - 125	Pass
Mercury	2.62	2.71	3%	20%	Pass	2.5	106	75 - 125	Pass
Molybdenum	49.7	50.8	2%	20%	Pass	50	97	75 - 125	Pass
Nickel	64.7	66.4	3%	20%	Pass	50	98	75 - 125	Pass
Selenium	42.7	44.0	3%	20%	Pass	50	91	75 - 125	Pass
Silver	49.3	44.6	10%	20%	Pass	50	91	75 - 125	Pass
Thallium	53.5	54.6	2%	20%	Pass	50	113	75 - 125	Pass
Vanadium	72.6	77.9	7%	20%	Pass	50	99	75 - 125	Pass
Zinc	62.7	65.1	4%	20%	Pass	50	100	75 - 125	Pass

Analytical Notes

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1141
MS/MSD Sample ID: A3-5

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	34.0	39.4	15%	20%	Pass	50	102	75 - 125	Pass
Arsenic	58.1	54.7	6%	20%	Pass	50	99	75 - 125	Pass
Barium	179	164	9%	20%	Pass	50	97	75 - 125	Pass
Beryllium	41.0	43.9	7%	20%	Pass	50	95	75 - 125	Pass
Cadmium	46.2	47.3	3%	20%	Pass	50	98	75 - 125	Pass
Chromium	73.6	70.3	5%	20%	Pass	50	100	75 - 125	Pass
Cobalt	49.9	50.2	1%	20%	Pass	50	99	75 - 125	Pass
Copper	63.0	58.3	8%	20%	Pass	50	99	75 - 125	Pass
Lead**	49.6	49.6	0%	20%	Pass	50	99	75 - 125	Pass
Mercury	2.67	2.69	1%	20%	Pass	2.5	106	75 - 125	Pass
Molybdenum	49.4	49.5	0%	20%	Pass	50	98	75 - 125	Pass
Nickel	65.6	64.1	2%	20%	Pass	50	100	75 - 125	Pass
Selenium	45.8	47.6	4%	20%	Pass	50	95	75 - 125	Pass
Silver	43.5	44.6	2%	20%	Pass	50	93	75 - 125	Pass
Thallium	46.1	48.7	6%	20%	Pass	50	111	75 - 125	Pass
Vanadium	73.1	72.7	1%	20%	Pass	50	99	75 - 125	Pass
Zinc**	50.8	50.8	0%	20%	Pass	50	102	75 - 125	Pass

Analytical Notes

**The MS/MSD for this analyte did not meet the acceptance criteria due to a sample matrix effect. The LCS / LCSD pair was used to provide precision data for this batch

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

Modified 8015 - Fuel Screen

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: NBP

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/08/99
Date Analyzed: 02/08/99
Batch Number: 8015DS1547

Fuel Identified:	Motor Oil	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
B13-1	ND	19*	10
B13-3	ND	ND	10
B13-6	ND	14*	10
A18-1	ND	11*	10
A18-3	ND	15*	10
A18-6	ND	ND	10
A15-1	ND	ND	10
A15-3	ND	11*	10
A15-5	ND	ND	10
A14-1	ND	ND	10
A14-3	ND	ND	10
A14-5	ND	ND	10
A17-1	ND	ND	10
A17-3	ND	ND	10
A17-5	ND	ND	10
A17-10	ND	ND	10
A17-15	ND	ND	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as Extractable Hydroc

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Modified 8015 - Fuel Screen

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: NBP

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/08/99
Date Analyzed: 02/8-9/1999
Batch Number: 8015DS1548

Fuel Identified:	Motor Oil	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
A5-1	ND	ND	10
A5-3	ND	ND	10
A5-5	ND	ND	10
A5-10	ND	ND	10
A5-15	ND	ND	10
A7-1	11*	18*	10
A7-3	ND	ND	10
A7-5	ND	ND	10
A7-10	ND	ND	10
A7-15	ND	ND	10
A6-1	56*	ND	10
A6-3	ND	12*	10
A6-5	ND	ND	10
A6-10	ND	ND	10
A6-15	ND	ND	10
A4-1	85*	16*	10
A4-3	75*	ND	10
A4-5	ND	ND	10
A4-10	ND	ND	10
A4-15	ND	ND	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as indicated.

Modified 8015 - Fuel Screen

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: NBP

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/09/99
Date Analyzed: 02/09/99
Batch Number: 8015DS1549

Fuel Identified:	Diesel	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
A3-1	ND	ND	10
A3-3	ND	ND	10
A3-5	ND	ND	10
A3-10	160	ND	10
A3-15	ND	ND	10
A2-1	ND	ND	10
A2-3	ND	ND	10
A2-5	ND	12*	10
A2-10	37	ND	10
A2-15	ND	ND	10
A1-1	ND	ND	10
A1-3	ND	10*	10
A1-5	ND	ND	10
A1-10	ND	ND	10
A1-15	ND	12*	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as Extractable Hydroc

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1547

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	102	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	102	99	3%	29%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1548

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	100	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A7-15

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	105	102	3%	29%	Pass

Analytical Notes:

MS. Matrix Spike Sample
MSD. Matrix Spike Duplicate

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1549

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	97	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	97	95	2%	29%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: GR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/06-06/99
Batch Number: M18015GS0519
8015GS2085

Sample ID	Detection Limit	Petroleum Hydrocarbons as Gasoline
	mg/kg	mg/kg
Method Blank	0.50	ND
B13-1	0.50	ND
B13-3	0.50	ND
B13-6	0.50	ND
A18-1	0.50	ND
A18-3	0.50	ND
A18-6	0.50	ND
A15-1	0.50	ND
A15-3	0.50	ND
A15-5	0.50	ND
A14-1	0.50	ND
A14-3	0.50	ND
A14-5	0.50	ND
A17-1	0.50	ND
A17-3	0.50	ND
A17-5	0.50	ND
A17-10	0.50	ND
A17-15	0.50	ND
A5-1	0.50	ND
A5-3	0.50	ND
A5-5	0.50	ND

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: GR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/05-08/99
Batch Number: M18015GS0519
8015GS2085
8015GS2087

Sample ID	Detection Limit mg/kg	Petroleum Hydrocarbons as Gasoline mg/kg
Method Blank	0.50	ND
A5-10	0.50	ND
A5-15	0.50	ND
A7-1	0.50	ND
A7-3	0.50	ND
A7-5	0.50	ND
A7-10	0.50	ND
A7-15	0.50	ND
A6-1	0.50	ND
A6-3	0.50	ND
A6-5	0.50	ND
A6-10	0.50	ND
A6-15	0.50	ND
A4-1	0.50	ND
A4-3	0.50	ND
A4-5	0.50	ND
A4-10	0.50	ND
A4-15	0.50	ND
A3-1	0.50	ND
A3-3	0.50	ND
A3-5	0.50	ND

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Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client: PSI
Project: Caltrans; Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: GR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/08-09/99
Batch Number: 8015GS2088
8015GS2089

Sample ID	Detection Limit	Petroleum Hydrocarbons as Gasoline
	mg/kg	mg/kg
Method Blank	0.50	ND
A3-10	0.50	0.54
A3-15	0.50	ND
A2-1	0.50	ND
A2-3	0.50	ND
A2-5	0.50	ND
A2-10	0.50	ND
A2-15	0.50	ND
A1-1	0.50	ND
A1-3	0.50	ND
A1-5	0.50	ND
A1-10	0.50	ND
A1-15	0.50	ND

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QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: M18015GS0519

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	111	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	11.13	10.58	5%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2085

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	95	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A-14-1

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	8.79	8.73	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

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QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2087

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	94	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	9.37	9.03	4%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2088

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	94	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	9.37	9.03	4%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2089

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	95	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	9.54	9.75	2%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD Matrix Spike Duplicate

EPA 8020 - BTEX and MtBE

Client: PSI
Project: Caltrans: Bay Bridge West
Job No.: 14401
Matrix: Soil
Analyst: GR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/05-09/99
Batch Number: 8020S2085, 8020S2087, 8020S2088, 8020S2089

	Methyl-tert butyl ether	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (BFB)
Detection Limit:	0.005	0.005	0.005	0.005	0.015	Limit: >50%
Sample ID	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Method Blank	ND	ND	ND	ND	ND	96 %
A14-1	ND	ND	ND	ND	ND	87 %
A14-3	ND	ND	ND	ND	ND	88 %
A14-5	ND	ND	ND	ND	ND	95 %
A6-1	ND	ND	ND	ND	ND	84 %
A6-3	ND	ND	ND	ND	ND	94 %
A6-5	ND	ND	ND	ND	ND	95 %
A6-10	ND	ND	ND	ND	ND	95 %
A6-15	ND	ND	ND	ND	ND	94 %
A4-1	ND	ND	ND	ND	ND	97 %
A4-3	ND	ND	ND	ND	ND	79 %
A4-5	ND	ND	ND	ND	ND	94 %
A4-10	ND	ND	ND	ND	ND	98 %
A4-15	ND	ND	ND	ND	ND	77 %
A3-1	ND	ND	ND	ND	ND	77 %
A3-3	ND	ND	ND	ND	ND	95 %
A3-5	ND	ND	ND	ND	ND	65 %
A3-10	ND	ND	ND	ND	ND	82 %
A3-15	ND	ND	ND	ND	ND	70 %
A1-1	ND	ND	ND	ND	ND	92 %
A1-3	ND	ND	ND	ND	ND	93 %

EPA 8020 - BTEX and MtBE

Client: PSI
Project: Caltrans: Bay Bridge West
Job No.: 14401
Matrix: Soil
Analyst: GR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/09/99
Batch Number: 8020S2089

	Methyl-tert butyl ether	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (BFB)
Detection Limit:	0.005	0.005	0.005	0.005	0.015	Limit: >50%
Sample ID	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Method Blank	ND	ND	ND	ND	ND	96 %
A1-5	ND	ND	ND	ND	ND	97 %
A1-10	ND	ND	ND	ND	ND	89 %
A1-15	ND	ND	ND	ND	ND	94 %

QC Sample Report - EPA 8020

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Matrix: Soil
Batch #: 8020S2085

Batch Accuracy Results

Sample ID: Laboratory Control Sample:

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	99	70 - 130	Pass
Benzene	0.10	102	70 - 130	Pass
Toluene	0.10	99	70 - 130	Pass
Ethyl Benzene	0.10	95	70 - 130	Pass
m-, p-Xylene	0.20	101	70 - 130	Pass
o-Xylene	0.10	104	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A-14-1

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.009	0.009	4%	25%	Pass
Benzene	0.281	0.274	2%	25%	Pass
Toluene	0.792	0.779	2%	25%	Pass
Ethyl Benzene	0.159	0.158	1%	25%	Pass
m-, p-Xylene	0.577	0.572	1%	25%	Pass
o-Xylene	0.244	0.243	0%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8020

Centrum
(800) 798-9336

Matrix: Soil
Batch #: 8020S2087

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	95	70 - 130	Pass
Benzene	0.10	102	70 - 130	Pass
Toluene	0.10	100	70 - 130	Pass
Ethyl Benzene	0.10	94	70 - 130	Pass
m-, p-Xylene	0.20	102	70 - 130	Pass
o-Xylene	0.10	105	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.095	0.086	10%	25%	Pass
Benzene	0.102	0.105	3%	25%	Pass
Toluene	0.100	0.101	1%	25%	Pass
Ethyl Benzene	0.094	0.097	3%	25%	Pass
m-, p-Xylene	0.204	0.204	0%	25%	Pass
o-Xylene	0.105	0.106	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8020

Centrum
(800) 798-9336

Matrix: Soil
Batch #: 8020S2088

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	95	70 - 130	Pass
Benzene	0.10	102	70 - 130	Pass
Toluene	0.10	100	70 - 130	Pass
Ethyl Benzene	0.10	94	70 - 130	Pass
m-, p-Xylene	0.20	102	70 - 130	Pass
o-Xylene	0.10	105	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.095	0.086	10%	25%	Pass
Benzene	0.102	0.105	3%	25%	Pass
Toluene	0.100	0.101	1%	25%	Pass
Ethyl Benzene	0.094	0.097	3%	25%	Pass
m-, p-Xylene	0.204	0.204	0%	25%	Pass
o-Xylene	0.105	0.106	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8020

Centrum
(800) 798-9336

Matrix: Soil
Batch #: 8020S2089

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	92	70 - 130	Pass
Benzene	0.10	107	70 - 130	Pass
Toluene	0.10	104	70 - 130	Pass
Ethyl Benzene	0.10	100	70 - 130	Pass
m-, p-Xylene	0.20	106	70 - 130	Pass
o-Xylene	0.10	109	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.092	0.101	9%	25%	Pass
Benzene	0.107	0.107	0%	25%	Pass
Toluene	0.104	0.104	0%	25%	Pass
Ethyl Benzene	0.100	0.101	1%	25%	Pass
m-, p-Xylene	0.212	0.214	1%	25%	Pass
o-Xylene	0.109	0.108	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8080 - PCBs

Client: PSI
Project: Caltrans: Bay Bridge West Approa
Job No.: 14401
Matrix: Soil
Analyst: TPW

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/15/99
Date Analyzed: 02/24-27/99
Batch Number: PCBS0264
PCBS0265

	Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Tetrachloro-m-xylene	96	96	105	105	110	111

EPA 8080 - PCBs

Client: PSI
Project: Caltrans: Bay Bridge West Approa
Job No.: 14401
Matrix: Soil
Analyst: TPW

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/15/99
Date Analyzed: 02/24-27/99
Batch Number: PCBS0264
PCBS0265

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Tetrachloro-m-xylene	113	112	103	111	111	101

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approa	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/15/99
Matrix:	Soil	Date Analyzed:	02/24-27/99
Analyst:	TPW	Batch Number:	PCBS0264
			PCBS0265

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Tetrachloro-m-xylene	117	114	115	118	113	113

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Approa	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/15/99
Matrix:	Soil	Date Analyzed:	02/24-27/99
Analyst:	TPW	Batch Number:	PCBS0264
			PCBS0265

	Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Tetrachloro-m-xylene	119	109	119	94	99	102

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approa	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/15/99
Matrix:	Soil	Date Analyzed:	02/24-27/99
Analyst:	TPW	Batch Number:	PCBS0264
			PCBS0265

	Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Tetrachloro-m-xylene	110	110	117	107	93	108

QC Sample Report - EPA 8080 PCB

Matrix: Other
Batch #: PCBS0264

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Aroclor 1242	0.0667	109	75 - 127	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Aroclor 1242	0.0727	0.0697	4%	24%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8080 PCB

Matrix: Other
Batch #: PCBS0265

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Aroclor 1242	0.0667	82	75 - 127	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Aroclor 1242	0.0548	0.0596	8%	24%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Compounds	QL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Dibromofluoromethane	102	110	105	107	107	109
Toluene-d8	101	104	102	100	103	105
Bromofluorobenzene	107	104	104	100	104	106

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EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

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EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No : 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

Sample ID:		A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans; Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Dibromofluoromethane	109	105	104	110	104	106
Toluene-d8	105	101	96	98	95	100
Bromofluorobenzene	102	103	103	95	103	101

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EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans; Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

Sample ID:		A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

Sample ID:		A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Naphthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Dibromofluoromethane	106	105	105	103	104	104
Toluene-d8	100	103	100	99	100	97
Bromofluorobenzene	105	102	105	104	102	99

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

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EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1555
8260S1557

	Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

Sample ID:		A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Dibromofluoromethane	105	108	108	108	106	106
Toluene-d8	101	95	99	102	105	100
Bromofluorobenzene	102	92	104	99	96	103

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

Sample ID:		A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Dibromofluoromethane	104	108	110	103	106	109
Toluene-d8	99	100	105	100	97	105
Bromofluorobenzene	98	104	97	100	91	99

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EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

Sample ID:		A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Dibromofluoromethane	105	108	108	108	106	106
Toluene-d8	101	95	99	102	105	100
Bromofluorobenzene	102	92	104	99	96	103

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

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EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

QC Sample Report - EPA Method 8260

Matrix: Soil

Batch #: 8260S1556

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
1,1-Dichloroethene	0.020	114	59 - 172	Pass
Benzene	0.020	115	66 - 142	Pass
Trichloroethene	0.020	114	71 - 137	Pass
Toluene	0.020	109	59 - 139	Pass
Chlorobenzene	0.020	114	60 - 133	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 14372-71

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
1,1-Dichloroethene	0.0223	0.0249	11%	22%	Pass
Benzene	0.0223	0.0231	3%	21%	Pass
Trichloroethene	0.0211	0.0230	9%	24%	Pass
Toluene	0.0208	0.0210	1%	21%	Pass
Chlorobenzene	0.0221	0.0231	5%	21%	Pass

Analytical Notes:

MS: Matrix Spike Sample

MSD: Matrix Spike Duplicate

QC Sample Report - EPA Method 8260

Matrix: Soil

Batch #: 8260S1556

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
1,1-Dichloroethene	0.020	114	59 - 172	Pass
Benzene	0.020	115	66 - 142	Pass
Trichloroethene	0.020	114	71 - 137	Pass
Toluene	0.020	109	59 - 139	Pass
Chlorobenzene	0.020	114	60 - 133	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 14372-71

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
1,1-Dichloroethene	0.0223	0.0249	11%	22%	Pass
Benzene	0.0223	0.0231	3%	21%	Pass
Trichloroethene	0.0211	0.0230	9%	24%	Pass
Toluene	0.0208	0.0210	1%	21%	Pass
Chlorobenzene	0.0221	0.0231	5%	21%	Pass

Analytical Notes:

MS: Matrix Spike Sample

MSD: Matrix Spike Duplicate

QC Sample Report - EPA Method 8260

Matrix: Soil
Batch #: 8260S1557

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
1,1-Dichloroethene	0.020	118	59 - 172	Pass
Benzene	0.020	120	66 - 142	Pass
Trichloroethene	0.020	120	71 - 137	Pass
Toluene	0.020	118	59 - 139	Pass
Chlorobenzene	0.020	113	60 - 133	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A2-3

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
1,1-Dichloroethene	0.0225	0.0204	10%	22%	Pass
Benzene	0.0228	0.0213	7%	21%	Pass
Trichloroethene	0.0229	0.0204	12%	24%	Pass
Toluene	0.0217	0.0197	10%	21%	Pass
Chlorobenzene	0.0192	0.0190	1%	21%	Pass

Analytical Notes:

MS Matrix Spike Sample
MSD Matrix Spike Duplicate

EPA 8270 Semivolatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Appr
Job No.: 14401
Matrix: Soil
Analyst: TPW

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/16-17/99
Dates Analyzed: 02/17-18/99
Batch Number: 8270S0474, 8270S0475

	Sample ID:	Blank	B-13-3	B13-6	A18-1	A18-3	A18-6
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	Blank	B-13-3	B13-6	A18-1	A18-3	A18-6
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	ND	2.3	0.58	1.6	1.9	3.3
Pyrene	0.033	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	Blank	B-13-3	B13-6	A18-1	A18-3	A18-6
2-Fluorophenol (25 - 121%)	87	85	82	87	84	84
Phenol-D5 (24 - 113%)	93	88	87	93	91	89
Nitrobenzene-D5 (23 - 120%)	80	77	75	83	79	78
2-Fluorobiphenyl (30 - 115%)	78	72	74	80	78	75
2,4,6-Tribromophenol (19 - 122%)	79	77	76	80	69	77
p-Terphenyl-D14 (18 - 137%)	74	83	92	94	90	91

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	A14-1	A14-3	A14-5	A6-1	A6-5	A6-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	0.069	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	0.040
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Appr
Job No.: 14401
Matrix: Soil
Analyst: TPW

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/16-17/99
Dates Analyzed: 02/17-18/99
Batch Number: 827050474, 827050475

Sample ID:		A14-1	A14-3	A14-5	A6-1	A6-5	A6-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	0.073
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	1.9	2.7	0.21	4.0	0.27	0.19
Pyrene	0.033	ND	ND	ND	ND	ND	0.090
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A14-1	A14-3	A14-5	A6-1	A6-5	A6-10
2-Fluorophenol (25 - 121%)	83	87	74	78	76	82
Phenol-D5 (24 - 113%)	88	92	80	82	81	86
Nitrobenzene-D5 (23 - 120%)	77	80	69	71	71	74
2-Fluorobiphenyl (30 - 115%)	75	77	70	69	70	71
2,4,6-Tribromophenol (19 - 122%)	78	82	76	76	77	75
p-Terphenyl D14 (18 - 137%)	91	100	88	92	92	87

EPA 8270 Semivolatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Appr
Job No.: 14401
Matrix: Soil
Analyst: TPW

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/16-17/99
Dates Analyzed: 02/17-18/99
Batch Number: 8270S0474, 8270S0475

Sample ID:		A6-15	A4-5	A4-10	A4-15	A3-1	A3-3
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	0.047	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Appr
Job No.: 14401
Matrix: Soil
Analyst: TPW

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/16-17/99
Dates Analyzed: 02/17-18/99
Batch Number: 8270S0474, 8270S0475

Sample ID:		A6-15	A4-5	A4-10	A4-15	A3-1	A3-3
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	1.9	0.14	1.7	0.53	0.77	3.5
Pyrene	0.033	0.079	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A6-15	A4-5	A4-10	A4-15	A3-1	A3-3
2-Fluorophenol (25 - 121%)	83	109	82	84	72	104
Phenol-D5 (24 - 113%)	88	112	87	88	76	109
Nitrobenzene-D5 (23 - 120%)	75	99	76	76	67	93
2-Fluorobiphenyl (30 - 115%)	73	95	72	73	64	92
2,4,6-Tribromophenol (19 - 122%)	84	85	77	75	69	95
p-Terphenyl-D14 (18 - 137%)	100	107	91	89	89	111

EPA 8270 Semivolatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Appr
Job No.: 14401
Matrix: Soil
Analyst: TPW

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/16-17/99
Dates Analyzed: 02/17-18/99
Batch Number: 827050474, 827050475

	Sample ID:	A3-5	A3-15	A1-1	A1-3	A1-10	A1-15
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	0.17	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	A3-5	A3-15	A1-1	A1-3	A1-10	A1-15
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	1.6	1.2	1.7	2.9	0.87	0.51
Pyrene	0.033	ND	ND	ND	ND	0.036	ND
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A3-5	A3-15	A1-1	A1-3	A1-10	A1-15
2-Fluorophenol (25 - 121%)	103	107	102	105	92	96
Phenol-D5 (24 - 113%)	109	110	107	108	97	101
Nitrobenzene-D5 (23 - 120%)	94	94	90	94	83	87
2-Fluorobiphenyl (30 - 115%)	93	93	90	94	84	90
2,4,6-Tribromophenol (19 - 122%)	95	103	96	99	91	98
p-Terphenyl-D14 (18 - 137%)	116	108	112	112	123	116

EPA 8270 Semivolatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Appr
Job No.: 14401
Matrix: Soil
Analyst: TPW

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/16-17/99
Dates Analyzed: 02/17-18/99
Batch Number: 8270S0474, 8270S0475

	Sample ID:	Blank	B13-1	A6-3	A4-1	A4-3	A3-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.33	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.33	ND	ND	ND	ND	ND	ND
Anthracene	0.33	ND	ND	ND	ND	ND	0.73
Benzo[a]anthracene	0.66	ND	ND	ND	ND	ND	1.2
Benzo[a]pyrene	0.66	ND	ND	ND	ND	ND	0.83
Benzo[b]fluoranthene	0.33	ND	ND	ND	ND	ND	1.3
Benzo[g,h,i]perylene	0.99	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.99	ND	ND	ND	ND	ND	1.3
Benzyl alcohol	1.3	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.66	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.66	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.99	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	3.3	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.33	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.33	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	1.6	ND	ND	ND	ND	ND	ND
4-Chloroaniline	1.6	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Chlorophenol	1.3	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.33	ND	ND	ND	ND	ND	ND
Chrysene	0.33	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	3.3	ND	ND	ND	ND	ND	1.0
Di-n-octylphthalate	0.33	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.99	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.33	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	1.3	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1.6	ND	ND	ND	ND	ND	ND
Diethylphthalate	3.3	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.99	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.33	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	3.3	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	16	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.33	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Appr
Job No.: 14401
Matrix: Soil
Analyst: TPW

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/16-17/99
Dates Analyzed: 02/17-18/99
Batch Number: 8270S0474, 8270S0475

	Sample ID:	Blank	B13-1	A6-3	A4-1	A4-3	A3-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.99	ND	ND	ND	ND	ND	ND
Fluoranthene	0.33	ND	ND	ND	ND	ND	2.0
Fluorene	0.33	ND	ND	ND	ND	ND	0.43
Hexachlorobenzene	0.33	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.33	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	16	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.33	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	1.3	ND	ND	ND	ND	ND	ND
Isophorone	0.33	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Methylphenol	1.6	ND	ND	ND	ND	ND	ND
4-Methylphenol	1.6	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.33	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.33	ND	ND	ND	ND	ND	ND
Naphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.99	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.99	ND	ND	ND	ND	ND	ND
4-Nitroaniline	3.3	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.99	ND	ND	ND	ND	ND	ND
2-Nitrophenol	1.3	ND	ND	ND	ND	ND	ND
4-Nitrophenol	3.3	ND	ND	ND	ND	ND	ND
Pentachlorophenol	16	ND	ND	ND	ND	ND	ND
Phenanthrene	0.66	ND	ND	ND	ND	ND	2.1
Phenol	1.3	ND	3.1	5.6	8.4	4.3	ND
Pyrene	0.33	ND	ND	ND	ND	ND	2.8
1,2,4-Trichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	3.3	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	Blank	B13-1	A6-3	A4-1	A4-3	A3-10
2-Fluorophenol (25 - 121%)	87	101	102	103	107	101
Phenol-D5 (24 - 113%)	93	104	105	107	111	100
Nitrobenzene-D5 (23 - 120%)	80	84	84	86	87	79
2-Fluorobiphenyl (30 - 115%)	76	89	89	93	96	85
2,4,6-Tribromophenol (19 - 122%)	79	82	85	85	88	80
p-Terphenyl-D14 (18 - 137%)	74	106	110	104	110	111

EPA 8270 Semivolatile Organics

Client: PSI
Project: Caltrans; Bay Bridge West Appr
Job No.: 14401
Matrix: Soil
Analyst: TPW

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/16-17/99
Dates Analyzed: 02/17-18/99
Batch Number: 8270S0474, 8270S0475

	Sample ID:	Blank	A1-5
Compound	DL	mg/Kg	mg/Kg
Acenaphthene	0.33	ND	ND
Acenaphthylene	0.33	ND	ND
Anthracene	0.33	ND	ND
Benzo[a]anthracene	0.66	ND	ND
Benzo[a]pyrene	0.66	ND	ND
Benzo[b]fluoranthene	0.33	ND	ND
Benzo[g,h,i]perylene	0.99	ND	ND
Benzo[k]fluoranthene	0.99	ND	ND
Benzyl alcohol	1.3	ND	ND
bis(2-Chloroethoxy)methane	0.66	ND	ND
bis(2-Chloroethyl)ether	0.66	ND	ND
bis(2-Chloroisopropyl)ether	0.99	ND	ND
bis(2-Ethylhexyl)phthalate	3.3	ND	ND
4-Bromophenylphenylether	0.33	ND	ND
Butylbenzylphthalate	0.33	ND	ND
4-Chloro-3-methylphenol	1.6	ND	ND
4-Chloroaniline	1.6	ND	ND
2-Chloronaphthalene	0.33	ND	ND
2-Chlorophenol	1.3	ND	ND
4-Chlorophenylphenylether	0.33	ND	ND
Chrysene	0.33	ND	ND
Di-n-butylphthalate	3.3	ND	ND
Di-n-octylphthalate	0.33	ND	ND
Dibenzo[a,h]anthracene	0.99	ND	ND
Dibenzofuran	0.33	ND	ND
1,2-Dichlorobenzene	0.33	ND	ND
1,3-Dichlorobenzene	0.33	ND	ND
1,4-Dichlorobenzene	0.33	ND	ND
3,3-Dichlorobenzidine	1.3	ND	ND
2,4-Dichlorophenol	1.6	ND	ND
Diethylphthalate	3.3	ND	ND
2,4-Dimethylphenol	0.99	ND	ND
Dimethylphthalate	0.33	ND	ND
4,6-Dinitro-2-methylphenol	3.3	ND	ND
2,4-Dinitrophenol	16	ND	ND
2,4-Dinitrotoluene	0.33	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	Blank	A1-5
Compound	DL	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.99	ND	ND
Fluoranthene	0.33	ND	ND
Fluorene	0.33	ND	ND
Hexachlorobenzene	0.33	ND	ND
Hexachlorobutadiene	0.33	ND	ND
Hexachlorocyclopentadiene	16	ND	ND
Hexachloroethane	0.33	ND	ND
Indeno(1,2,3-c,d)pyrene	1.3	ND	ND
Isophorone	0.33	ND	ND
2-Methylnaphthalene	0.33	ND	ND
2-Methylphenol	1.6	ND	ND
4-Methylphenol	1.6	ND	ND
N-Nitrosodi-n-propylamine	0.33	ND	ND
N-Nitrosodiphenylamine	0.33	ND	ND
Naphthalene	0.33	ND	ND
2-Nitroaniline	0.99	ND	ND
3-Nitroaniline	0.99	ND	ND
4-Nitroaniline	3.3	ND	ND
Nitrobenzene	0.99	ND	ND
2-Nitrophenol	1.3	ND	ND
4-Nitrophenol	3.3	ND	ND
Pentachlorophenol	16	ND	ND
Phenanthrene	0.66	ND	ND
Phenol	1.3	ND	ND
Pyrene	0.33	ND	ND
1,2,4-Trichlorobenzene	0.33	ND	ND
2,4,5-Trichlorophenol	2	ND	ND
2,4,6-Trichlorophenol	3.3	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	Blank	A1-5
2-Fluorophenol (25 - 121%)	87	103
Phenol-D5 (24 - 113%)	93	104
Nitrobenzene-D5 (23 - 120%)	80	79
2-Fluorobiphenyl (30 - 115%)	78	88
2,4,6-Tribromophenol (19 - 122%)	79	66
p-Terphenyl-D14 (18 - 137%)	74	112

QC Sample Report - EPA 8270

Batch #: 8270S0474 Matrix: Soil

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Phenol	1.89	86	5 - 112	Pass
2-Chlorophenol	2.04	87	23 - 134	Pass
1,4-Dichlorobenzene	1.10	82	20 - 124	Pass
N-Nitrosodi-n-propylamine	1.06	102	0 - 230	Pass
1,2,4-Trichlorobenzene	1.49	84	44 - 142	Pass
4-Chloro-3-Methylphenol	2.61	85	22 - 147	Pass
Acenaphthene	1.09	79	47 - 145	Pass
4-Nitrophenol	2.30	100	0 - 132	Pass
2,4-Dinitrotoluene	1.35	82	39 - 139	Pass
Pentachlorophenol	2.72	89	14 - 176	Pass
Pyrene	0.97	96	52 - 115	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Phenol	2.29	2.29	0%	35%	Pass
2-Chlorophenol	2.33	2.36	1%	50%	Pass
1,4-Dichlorobenzene	1.09	1.12	2%	27%	Pass
N-Nitrosodi-n-propylamine	1.35	1.31	3%	38%	Pass
1,2,4-Trichlorobenzene	1.12	1.14	2%	23%	Pass
4-Chloro-3-Methylphenol	2.27	2.38	5%	33%	Pass
Acenaphthene	1.05	1.09	4%	23%	Pass
4-Nitrophenol	2.66	2.46	8%	50%	Pass
2,4-Dinitrotoluene	1.09	0.92	17%	47%	Pass
Pentachlorophenol	2.38	2.11	12%	47%	Pass
Pyrene	1.26	1.33	3%	36%	Pass

Analytical Notes:

QC Sample Report - EPA 8270

Batch #: 8270S0475 Matrix: Soil

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Phenol	1.89	102	5 - 112	Pass
2-Chlorophenol	2.04	106	23 - 134	Pass
1,4-Dichlorobenzene	1.10	100	20 - 124	Pass
N-Nitrosodi-n-propylamine	1.06	115	0 - 230	Pass
1,2,4-Trichlorobenzene	1.49	103	44 - 142	Pass
4-Chloro-3-Methylphenol	2.61	104	22 - 147	Pass
Acenaphthene	1.09	99	47 - 145	Pass
4-Nitrophenol	2.30	108	0 - 132	Pass
2,4-Dinitrotoluene	1.35	92	39 - 139	Pass
Pentachlorophenol	2.72	95	14 - 176	Pass
Pyrene	0.97	114	52 - 115	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Phenol	2.71	2.71	0%	35%	Pass
2-Chlorophenol	2.82	2.77	2%	50%	Pass
1,4-Dichlorobenzene	1.34	1.30	3%	27%	Pass
N-Nitrosodi-n-propylamine	1.53	1.39	10%	38%	Pass
1,2,4-Trichlorobenzene	1.37	1.27	8%	23%	Pass
4-Chloro-3-Methylphenol	2.78	2.59	7%	33%	Pass
Acenaphthene	1.32	1.31	1%	23%	Pass
4-Nitrophenol	2.89	2.59	11%	50%	Pass
2,4-Dinitrotoluene	1.22	1.24	1%	47%	Pass
Pentachlorophenol	2.53	2.98	16%	47%	Pass
Pyrene	1.52	1.43	6%	36%	Pass

Analytical Notes:

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
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(909) 798-9336 • (800) 798-9336
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Chain of Custody Record

Centrum Job # 14401

Page 1 of 7

Analyses Requested

Project No.:	Project Name:
575 - 8G001	Caltrans: Bay Bridge West Approach

Project Manager:	Phone:	Fax:
Frank Poss	(510) 785-1111	(510) 785-1192

Client Name: (Company)	Address:
P.S.I.	1320 W. Winton Ave, Hayward, CA-

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GC/MS: 8260 8240 8270	Pesticides PCBs 8080	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Speciation	6010 17 Metals
1	R3-2-30	2/3/99	915	S	West Anchorage	Acetate Sleeves								X				
2	B13-1		1020				X	X				X					X	X
3	B13-3		1025															
4	B13-6		1030															
5	A18-1		1050															
6	A18-3		1055															
7	A18-6		1100															
8	A15-1		1210															
9	A15-3		1215															
10	A15-5		1225															

NO

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

Remarks/ Special Instructions

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	2/4/99	1700			
Received by:	Date	Time	Received by:	Date	Time
			Relinquished by:	Date	Time
The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.			Received for laboratory by:	Date	Time
				16:00 2/5/99	

To be completed by laboratory personnel:
- Samples chilled? ☒ Yes ☐ No
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

x air-borne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☒ Lab disposal fee $5

Laboratory Notes: Archive any sample ending with "20". ie. A-1-20

Sample Locator No
F-5

White (Original sample test) Yellow (Centrum) Copy - (Copy)

Centrum Analytical Laboratories, Inc.
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REDLANDS, CA 92373
(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14401

Project No.: 375-8G001
Project Name: Caltrans: West Approach
Project Manager:
Phone:
Fax:
Client Name: (Company)
Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	8CMS: 8260	8080: PCBs	8015M: Diesel Fuel Screen	8020: BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) pp RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH-Spec.	6010 17 Metals
11	A14-1	2/3/99	1335	S						X		X					X	X
12	A14-3		1340															
13	A14-5		1345															
14	A17-1		1500				X	X										
15	A17-3		1505															
16	A17-5		1510															
17	A17-10		1530															
18	A17-15		1545															
19	A17-20		1605															
20	A5-1	2/4/99	745				X	X									X	X

Turn-around time
- ☐ 24 Hr RUSH*
- ☐ 48 Hr RUSH*
- ☒ Normal TAT

*Requires prior approval; additional charges apply

Remarks/ Special Instructions

Archive

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	2/4/99	1700			
Received by:	Date	Time	Received by:	Date	Time
			Relinquished by:	Date	Time
			Received for Laboratory by:	Date	Time
				2/5/99	10:50

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
- Samples chilled? ☒ Yes ☐ No
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

X Air bayou

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No
F-5

White-Copy - Original (Accompanies Sample) Copy - [illegible] m File Pink - Client

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Chain of Custody Record

Centrum Job # 14401

Page 3 of 7

Project No:	Project Name:
575-8G001	Caltrans: West Approach
Project Manager:	**Phone:** / **Fax:**
Client Name: (Company)	**Address:**

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers # and type	GCMS: 8260	(PCBs) Pesticides 8080	8015M: Diesel Fuel Screen	BTEX 8020	418.1 (TRPH)	Semivolatiles: 8270/625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Spec.	6010 17 Metals
21	A5-3	2/4/99	750	S			X	X									X	X
22	A5-5		800				↓	↓									↓	↓
23	A5-10		810															
24	A5-15		820															
25	A5-20		825															
26	A7-1		845				X	X									X	X
27	A7-3		850				↓	↓									↓	↓
28	A7-5		855															
29	A7-10		900															
30	A7-15	↓	905	↓			↓	↓									↓	↓

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT
  *Requires prior approval, additional charges apply

Remarks/ Special Instructions

Archive

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	2/4/99	1700			
Received by:	**Date**	**Time**	**Received by:**	**Date**	**Time**
			Relinquished by:	**Date**	**Time**
			Received for Laboratory by:	**Date**	**Time**
				2/5/99	1100

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
- Samples chilled? ☑ Yes ☐ No
- Custody seals? ☐ Yes ☑ No
- All sample containers intact? ☑ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

K. M. B.

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No
F-5

White Copy - Original (Accompanies Samples) — Yellow Copy - Centrum Office — Pink Copy - Client Copy

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FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14401

Project No.: 575-80001
Project Name: Caltrans: West Approach
Project Manager:
Phone:
Fax:
Client Name: (Company)
Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260	8080 PCBs Pesticides	8015M: Diesel Fuel Screen	8020 Fuel (B,T,E,X)	418.1 (TRPH)	Semivolatiles: 8270 625	Metals, TTLC(CAM) EP RCRA	Lead Only	pH TDS TSS Conductivity CDD	Flashpoint Fluoride Hex Chrome	TPH - Spec.	6010 17 Metals
31	A7-20	2/4/95	915	S														
32	A6-1		935							X		X					X	X
33	A6-3		940															
34	A6-5		945															
35	A6-10		950															
36	A6-15		1000															
37	A6-20		1010															
38	A4-1		1025							X		X					X	X
39	A4-3		1030															
40	A4-5	↓	1035	↓														

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Required prior approval, additional charges apply

Remarks/ Special Instructions

Archive Did No Receiv

Archive

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	2/4/95	1700			
Received by	Date	Time	Received by:	Date	Time
			Relinquished by:	Date	Time
			Received for Laboratory by:	Date	Time
				2/6/95	10:00

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:
- Samples chilled? ☑ Yes ☐ No
- Custody seals? ☐ Yes ☐ No
- All sample containers intact? ☑ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

XA.B.

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No
F-5

White Copy - Original (Accompanies Report) Yellow Copy - Centrum File Pink Copy - Client

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Chain of Custody Record

Centrum Job # 14401

Page 5 of 7

Project No: 575-8G001
Project Name: Caltrans: West Approach
Project Manager
Phone: (510) 785-1111 Fax: (510) 785-1192
Client Name (Company)
Address:

Analyses Requested

Centrum ID (lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GC/MS: 8260	8080	8015M: Diesel Fuel Screen	BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Spec.	6010 17 Metals
41	A4-10	2/4/99	1045	S						X		X					X	X
42	A4-15		1050							X		X					X	X
43	A4-20		1105															
44	A3-1		1225							X		X					X	X
45	A3-3		1230															
46	A3-5		1235															
47	A3-10		1240															
48	A3-15		1245															
49	A3-20		1255															
50	A2-1		1330				X	X									X	X

Archive

Archive

Relinquished by (Sampler's Signature): [signature] Date 2/4/99 Time 1700
Received by: Date: Time:
Relinquished by: Date: Time:
Received by: Date: Time:
Relinquished by: Date: Time:
Received for laboratory by: [signature] Date 2/5/99 Time 1000

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
Samples chilled? ☒ Yes ☐ No
Custody seals? ☐ Yes ☒ No
All sample containers intact? ☒ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
to A.B.

Turn-around time
☐ 24 Hr. RUSH*
☐ 48 Hr. RUSH*
☒ Normal TAT
* Requires prior approval additional charges apply

Remarks/ Special Instructions

Sample Disposal
☐ Client will pick up
☐ Return to client
☐ Lab disposal fee $5

Sample Locator No
F-5

Laboratory Notes

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

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Chain of Custody Record

Centrum Job # 14401

Page 6 of 7

Project No.: 575-8G-001

Project Name: Caltrans: West Approach

Project Manager | Phone | Fax

Client Name (Company) | Address

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260	8080: PCBs	8015M: Diesel Fuel Screen	8020 (BTEX)	418.1 (TRPH)	Semivolatiles: 8270/625	Metals: TTLC/(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Spec.	6010 17 Metals
S1	A2-3	2/4/99	1335	S			X	X									X	X
S2	A2-5		1355				↓	↓									↓	↓
S3	A2-10		1400															
S4	A2-15		1410															
S5	A2-20		1420															
S6	A1-1		1425							X		X					X	X
S7	A1-3		1430							↓		↓					↓	↓
S8	A1-5		1435															
S9	A1-10		1440															
S10	A1-15	↓	1450	↓														

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

Remarks/ Special Instructions

Archive

added per Scott Bennett

Relinquished by (Sampler's Signature)	Date	Time
	2/4/99	1700

Received by	Date	Time

Relinquished by:	Date	Time

Received by:	Date	Time

Relinquished by:	Date	Time

Received for laboratory by:	Date	Time
[signature]	2/5/99	10:00

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:

Samples chilled? ☒ Yes ☐ No

Custody seals? ☐ Yes ☒ No

All sample containers intact? ☒ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

X A.B.

Sample Disposal

- ☐ Client will pick up
- ☐ Return to client
- ☒ Lab disposal fee $5

Laboratory Notes

Sample Locator No.

F-5

White Copy - Original (Accompanies Samples) | Yellow Copy - Centrum Files | Pink Copy - Client Copy

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Centrum Job # 14407

Chain of Custody Record

Page 7 of 7

Project No: 575-8G-001

Project Name: Caltrans - West Approach

Project Manager:

Phone:

Fax:

Client Name (company):

Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	8240 8010 624.2 (GCMS: 624)	8080 (PCBs) Pesticides (GC)	8015M: Diesel Fuel Screen	8020 (BTEX)	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	Remarks/ Special Instructions
01	A1-20	2/4/99	1500	S													Archive

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☐ Normal TAT

* Request prior approval, additional charges apply

	Date	Time
Relinquished by (Sampler's Signature)	2/4/99	17:00
Received by		
Relinquished by:		
Received by:		
Relinquished by:		
Received for Laboratory by:	2/5/99	10:00

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:

Samples chilled? ☑ Yes ☐ No

Custody seals? ☐ Yes ☑ No

All sample containers intact? ☑ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes

Sample Locator No.
F-5

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 12/11/99
Date Received: 12/14/99
Job Number: 15766

Project: Caltrans: West Approach

CASE NARRATIVE

The following information applies to samples which were received on 12/14/99 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

STLC Pb re-analysis by EPA 6010: The STLC Leachate for this sample contained precipitate which may have affected the re-analysis data.

Report approved by:

FOR
Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL : Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions
ND : Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit.
NA : Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for

Copper By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans; West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/27/99
Matrix:	Soil	Date Analyzed:	12/28/99
Analyst:	RLB	Batch Number:	6010S1419
		Method Number:	6010

	Detection Limit	Copper
Sample ID	mg/kg	mg/kg
Method Blank	2.5	ND
B9-S	2.5	45

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1419

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Copper	50	104.8	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID:15797-1

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Copper	1.632	1.569	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/16/99
Matrix:	Soil	Date Analyzed:	12/17/99
Analyst:	RLB	Batch Number:	6010S1407
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
TNF2-2-3	5.0	36
TNF2-2-5	5.0	33
TNF3-2-3	5.0	69
TNF6-2-S	5.0	98
TNF6-2-3	5.0	350
TNF6-2-5	5.0	340
TNF7-3-3	5.0	370
TNF8-2-S	5.0	150
TNF8-2-3	5.0	330
TNF8-1-S	5.0	3,300
TNF7-4-5	5.0	17
TNF7-2-S	5.0	310
TNF7-1-3	5.0	29
TNF7-1-5	5.0	130
D76-3	5.0	100
T1-2-3	5.0	460
T1-2-5	5.0	67
T1-1-S	5.0	370
D72-3	5.0	21
T2-3-5	5.0	280

Lead By ICP

Client: PSI
Project: Caltrans: West Approach
Job No.: 15766
Matrix: Soil
Analyst: RLB

Date Sampled: 12/11/99
Date Received: 12/14/99
Date Digested: 12/17/99
Date Analyzed: 12/17-20/99
Batch Number: 6010S1408
Method Number: 6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Mothod Blank	5 0	ND
T2-5-3	5 0	230
T2-5-5	5.0	1,000
D70-3	5.0	51
T3-1-S	5.0	18
T3-1-5	5.0	210
T3-2-3	5.0	23
T3-3-3	5.0	32
~~T3-4-~~T3-4-5	5.0	95
T4-5-3	5.0	120
T4-5-5	5.0	67
T4-3-5	5.0	39
T4-4-5	5.0	70
T4-2-3	5.0	75
A7-3	5.0	26
T5-5-S	5 0	410
T5-5-3	5.0	250
T5-5-5	5.0	720
T5-4-5	5.0	25
T5-3-5	5.0	45

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/20/99
Matrix:	Soil	Date Analyzed:	12/21/99
Analyst:	RLB	Batch Number:	6010S1412
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
T5-2-5	5.0	**57**
T5-1-3	5.0	**27**
T6-1-S	5.0	**83**
D57-3	5.0	**20**
T7-1A-S	5.0	**74**
T7-1A-3	5.0	**15**
T7-1A-5	5.0	**8.2**
D58-S	5.0	**17**

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans; West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/21/99
Matrix:	Soil	Date Analyzed:	12/21/99
Analyst:	RLB	Batch Number:	6010S1413
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
D55-3	5.0	8.3
T8-2-5	5.0	100
D51-S	5.0	250
D52-S	5.0	120
T9-1-3	5.0	150
T9-1-5	5.0	620

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/22/99
Matrix:	Soil	Date Analyzed:	12/22-23/99
Analyst:	RLB	Batch Number:	6010S1416
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
T9-3-S	5.0	8.3
D46-S	5.0	97
A13-3	5.0	17
T14-2-S	5.0	110

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/23/99
Matrix:	Soil	Date Analyzed:	12/23-27/99
Analyst:	RLB	Batch Number:	6010S1417
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
TH23-1-5	5.0	260
D2-S	5.0	430
D68-3	5.0	67
TTB9-4-3	5.0	16
TTB9-3-5	5.0	2,300
TTB9-2-5	5.0	1,800
TTB10-2-1	5.0	47
TTB10-2-3	5.0	230
TTB11-2-S	5.0	200
TTB12-2-3	5.0	25
TTB13-2-S	5.0	99
TTB14-2-3	5.0	19

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans' West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/27/99
Matrix:	Soil	Date Analyzed:	12/28/99
Analyst:	RLB	Batch Number:	6010S1419
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
TTB15-2-S	5.0	310
TTB16-3-S	5.0	31
TTBR-2-1	5.0	1,000
TTBN-1-S	5.0	62
TTBZ-1-3	5.0	130
TNF38-S	5.0	24
B9-S	5.0	13
B11-S	5.0	350
B11-2.5	5.0	380
T26-2-S	5.0	200
D37-S	5.0	11

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1407

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	109.5	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: TNF2-2-3

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.602	1.535	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1408

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	103.1	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.031	1.074	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1412

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	97.78	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: SC-1-0.025

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1269	1190	6%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1413

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	104.6	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15789-1

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	59.6	55.1	8%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1416

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	105.6	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15796-12

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	62.1	61.9	0%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1417

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	88.45	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15777-3

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	0.820	0.999	20%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1419

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	98.38	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15797-1

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	62.8	61.7	2%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Mercury by Cold Vapor AA

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/15/99
Matrix:	Soil	Date Analyzed:	12/15/99
Analyst:	TLR	Batch Number:	6010S1405
		Method Number:	7471

	Detection Limit	Mercury
Sample ID	mg/L	mg/L
Method Blank	0.10	ND
TTBQ-1-5	0.10	0.36
TNF36-1-S	0.10	1.2

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1405

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Mercury	2.5	98.8	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15772-1

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Mercury	2.520	2.550	1%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

STLC Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Extracted:	12/17/99
Matrix:	STLC Leachate*	Date Analyzed:	12/27/99
Analyst:	RLB	Batch Number:	7420W0850
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
TNF3-2-3	2.5	ND
TNF6-2-S	2.5	ND
TNF6-2-3	2.5	22
TNF6-2-5	2.5	20
TNF7-3-3	2.5	22
TNF8-2-S	2.5	5.0
TNF8-2-3	2.5	18
TNF7-2-S	2.5	20
TNF7-1-5	2.5	35
D76-3	2.5	13
T1-2-3	2.5	21
T1-2-5	2.5	7.1
T1-1-S	2.5	20
T2-3-5	2.5	22

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

STLC Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Extracted:	12/21/99
Matrix:	STLC Leachate*	Date Analyzed:	12/28/99
Analyst:	RLB	Batch Number:	6010W1422
		Method Number:	6010

	Detection Limit	Lead	
Sample ID	mg/L	mg/L	
Method Blank	2.5	ND	
T2-5-3	2.5	13	
D70-3	2.5	ND	
T3-1-5	2.5	18	
~~T3-3-4~~ T5-4-5	2.5	2.6	*
T4-5-3	2.5	4.2	
T4-5-5	2.5	5.2	
T4-4-5	2.5	ND	
T4-2-3	2.5	ND	
T5-5-S	2.5	20	
T5-5-3	2.5	22	
T5-5-5	2.5	28	

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

STLC Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Extracted:	12/27/00
Matrix:	STLC Leachate*	Date Analyzed:	01/18/00
Analyst:	RLB	Batch Number:	6010W1447
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Mothod Blank	2.5	ND
T5-2-5	2.5	7.1
T6-1-S	2.5	ND
T7-1A-S	2.5	3.1
T8-2-5	2.5	6.2
D51-S	2.5	190
D52-S	2.5	10
T9-1-3	2.5	4.3
T9-1-5	2.5	26
D46-S	2.5	4.3
T14-2-S	2.5	5.0

* Sample was prepared by CAC Title 22 Method 66/00 (STLC).

STLC Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Extracted:	01/12/00
Matrix:	STLC Leachate*	Date Analyzed:	01/17/00
Analyst:	RLB	Batch Number:	6010W1444
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
TH23-1-5	2.5	17
D2-S	2.5	20
D68-3	2.5	4.7
TTB10-2-3	2.5	6.2
TTB11-2-S	2.5	22
TTB13-2-S	2.5	3.9
TTB15-2-S	2.5	20
TTBR-2-1	2.5	55
TTBN-1-S	2.5	30
TTBZ-1-3	2.5	14
B11-S	2.5	25
B11-2.5	2.5	23
T26-2-S	2.5	11

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

QC Sample Report - Metals

Matrix: Water
Batch #: 7420W0850

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	102	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.020	1.077	5%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD Matrix Spike Duplicato

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1422

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	96.74	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	0.957	1.087	13%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1444

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	103.4	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.034	1.075	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1447

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	108.3	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.083	1.055	3%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

TCLP Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Extracted:	01/13/00
Matrix:	TCLP Leachate*	Date Analyzed:	01/17-18/00
Analyst:	RLB	Batch Number:	6010W1440
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.50	ND
TNF6-2-3	0.50	ND
TNF6-2-5	0.50	ND
TNF7-3-3	0.50	ND
TNF8-2-S	0.50	ND
TNF8-2-3	0.50	ND
TNF8-1-S	0.50	15
TNF7-2-S	0.50	2.2
TNF7-1-5	0.50	0.98
D76-3	0.50	ND
T1-2-3	0.50	0.98
T1-2-5	0.50	ND
T1-1-S	0.50	ND
T2-3-5	0.50	ND
T3-1-5	0.50	ND

* Sample was prepared by SW-846 Method 1311 (TCLP).

TCLP Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Extracted:	01/14/00
Matrix:	TCLP Leachate*	Date Analyzed:	01/18/00
Analyst:	RLB	Batch Number:	6010W1442
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.50	ND
T2-5-3	0.50	ND
T2-5-5	0.50	1.3
T4-5-5	0.50	ND
T5-5-S	0.50	2.5
T5-5-3	0.50	ND
T5-5-5	0.50	1.1

* Sample was prepared by SW-846 Method 1311 (TCLP).

TCLP Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Extracted:	01/19/00
Matrix:	TCLP Leachate*	Date Analyzed:	01/20/00
Analyst:	RLB	Batch Number:	6010W1448
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.50	ND
TH23-1-5	0.50	0.89
D2-S	0.50	ND
TTB9-3-5	0.50	24
TTB9-2-5	0.50	82
TTB10-2-3	0.50	0.81
TTB11-2-S	0.50	1.5
TTB13-2-S	0.50	ND
TTB15-2-S	0.50	1.3
TTBR-2-1	0.50	2.9

* Sample was prepared by SW-846 Method 1311 (TCLP).

TCLP Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Extracted:	01/20/00
Matrix:	TCLP Leachate*	Date Analyzed:	01/21/00
Analyst:	RLB	Batch Number:	6010W1451
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.50	ND
T5-2-5	0.50	ND
T8-2-5	0.50	ND
D51-S	0.50	ND
D52-S	0.50	ND
T9-1-5	0.50	ND
T14-2-S	0.50	ND
TTBN-1-S	0.50	4.2
TTBZ-1-3	0.50	ND
B11-S	0.50	0.55
B11-2.5	0.50	0.87
T26-2-S	0.50	ND

* Sample was prepared by SW-846 Method 1311 (TCLP)

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1440

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery		Pass/Fail
Lead	1.0	106.1	75	- 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.061	1.069	1%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1442

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	112.9	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.129	1.086	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1448

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	113.5	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15886-1

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	0.961	1.032	7%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1451

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	111.1	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.111	1.063	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

STLC Lead Re-analysis by ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Extracted:	12/17/99
Matrix:	STLC Leachate*	Date Analyzed:	01/19/00
Analyst:	RLB	Batch Number:	6010W1449
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
TNF7-1-5 **	2.5	14**
D76-3	2.5	12
T1-2-5	2.5	6.9

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

**See Case Narrative regarding the re-analysis of this sample

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1449

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	104.7	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.047	1.072	2%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
REDLANDS, CA 92373

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FAX (909) 793-1559

Centrum Job # 1576

Chain of Custody Record

Page 1 of 8

Project No.: 575-8001 G

Project Name: Caltrans: West Approach

Project Manager: Frank Foss

Phone: 510-785-1111

Fax: 510-785-1192

Client Name (Company): PSI

Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 624.2	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb	STLC EXT	Remarks/ Special Instructions
1	TNF2-2-3	12/4/99	7:30	S	MAP BL-1	Tube Acc								X						
2	TNF2-2-5		7:35											X						
3	TNF3-2-3		7:38											X			X			
4	TNF6-2-5		7:45											X			X			
5	TNF6-2-3		7:46											X			X	X		
6	TNF6-2-5		7:48											X			X	X		
7	TNF7-3-3		7:52											X			X	X		
8	TNF8-2-5		7:59											X			X	X		
9	TNF8-2-3		8:01											X			X	X		
10	TNF8-1-5		8:04											X		Pb	X	X	X	STLC EXT only

Relinquished by: (Sampler's Signature) — Date 12/13/99 — Time 16:00

Received by: — Date — Time

Relinquished by: — Date — Time

Received by — Date — Time

Relinquished by — Date — Time

Received for Laboratory by: Greg Bell — Date 12/14/99 — Time 9:40

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

Laboratory Notes: Homogenize

To be completed by laboratory personnel:

Samples chilled? ☑ Yes ☐ No

Custody seals? ☐ Yes ☑ No

All sample containers intact? ☑ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☐ Hand carried ☒ Airborne

Turn-around time

☐ 24 Hr. RUSH*

☐ 48 Hr. RUSH*

☒ Normal TAT

* Requires prior approval additional charges apply

Sample Disposal

☐ Client will pick up

☐ Return to client

☐ Lab disposal fee $5

Sample Locator No: E-1

White Copy - Original (Accompanies Samples)

Yellow Copy - Centrum Files

Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

Centrum Job # 15766

290 TENNESSEE STREET
REDLANDS, CA 92373
(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Page 2 of 8

Project No.: 575-86001
Project Name: Caltrans West Approach
Project Manager: Frank Ross
Phone: 510-785-1161
Fax: 510-785-1192
Client Name (Company): PSI
Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 624.2	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Corrosivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb	STLC Pb ea	Remarks/ Special Instructions
11	TNF7-4-5	12/1/99	8:10	S	Map BL-1	~~6~~ Tube								X						
12	TNF7-2-5		8:15											X			X	X		
13	TNF7-1-3		8:20											X						
14	TNF7-1-5		8:25											X			X	X	X	
15	~~TNF~~ D76-3		8:30											X			X	X	X	
16	T1-2-3		9:40											X			X	X		
17	T1-2-5		8:42											X			X	X	X	
18	T1-1-5		8:46											X			X	X		
19	D72-3		8:50											X						
20	T2-3-5		9:00											X			X	X		

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

*Requires prior approval, additional charges apply

Relinquished by: (Sampler's Signature) — Date: 12/3/99 — Time: 16:00
Received by: — Date: — Time:

Relinquished by: — Date: — Time:
Received by — Date: — Time:
Relinquished by: — Date: — Time:
Received for Laboratory by: — Date: 12/4/99 — Time: 9:40

This delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
- Samples chilled? ☐ Yes ☐ No
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried ☒ Airborne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes: Homogenize

Sample Locator No

White Copy - Original (Accompanies Samples) — Yellow Copy - Centrum Files — Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

Centrum Job # 15706

280 TENNESSEE STREET
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FAX (909) 793-1559

Chain of Custody Record

Project No: 375-B6001
Project Name: Caltrans: West Approach
Project Manager: Trudy Ross
Phone: 510-785-1111
Fax: 510-785-1192
Client Name (Company): PSI
Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 5242	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb	STLC EXT	Remarks/ Special Instructions
21	T2-5-3	12/4/96	9:20	S	Map BL-1	5 Brass Tube								X			X	X		
22	T2-5-5		9:15											X			X	X	X	STLC EXT only
23	D70-3		9:16											X			X			
24	T3-1-5		9:18											X			X	X		
25	T3-1-5		9:20											X			X			
26	T3-2-3		9:23											X						
27	T3-3-3		9:24											X						
28	T3-3-4		9:26											X			X			
29	T4-5-3		9:25		Map BL-2									X			X			
30	T4-5-5		9:30		Map BL-2									X			X	X		

Relinquished by: (Sampler's Signature) — Date 12/4/96 — Time 16:00
Received by: — Date — Time

Relinquished by: — Date — Time
Received by: — Date — Time
Relinquished by: — Date — Time
Received for Laboratory by: Ted Kelly — Date 12/4/96 — Time 9:40

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
Samples chilled? ☒ Yes ☐ No
Custody seals? ☐ Yes ☒ No
All sample containers intact? ☒ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
Airborne

Turn-around time
☐ 24 Hr. RUSH*
☐ 48 Hr. RUSH*
☒ Normal TAT
* Request prior approval, additional charges apply

Sample Disposal
☐ Client will pick up
☐ Return to client
☐ Lab disposal fee $5

Laboratory Notes: Homogenize

Sample Locator No.: E-1

White Copy - Original (Accompanies Samples) — Yellow Copy - Centrum Files — Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
REDLANDS, CA 92373

(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Centrum Job # 15766

Chain of Custody Record

Project No: 575-80001

Project Name: Caltrans: West Approach

Project Manager: Frank Foss

Phone: 510-785-1111

Fax: 510-785-1192

Client Name (Company): PSI

Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 524.2	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb	
31	T4-3-5	9:34	12/4/99	S	Map BL-2	Acetate								X			X		
32	T4-4-5	9:36				T/C								X			X		
33	T4-2-3	9:40												X			X		
34	A7-3	9:50												X					
35	T5-5-5	9:55												X			X	X	
36	T5-5-3	10:02												X			X	X	
37	T5-5-5	10:04												X			X	X	
38	T5-4-5	10:09												X					
39	T5-3-5	10:10												X					
40	T5-2-5	10:15												X			X	X	

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☐ Normal TAT

* Requires prior approval; additional charges apply

Remarks/ Special Instructions

Relinquished by (Sampler's Signature)	Date	Time	Relinquished by	Date	Time
	12/13/99	16:00			
Received by	**Date**	**Time**	**Received by**	**Date**	**Time**
			Relinquished by:	Date	Time
			Received for Laboratory by: Jay Batty	12/14/99	9:40

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:
- Samples chilled? ☑ Yes ☐ No
- Custody seals? ☐ Yes ☑ No
- All sample containers intact? ☑ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried Airborne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes: Homogenize

Sample Locator No.: LE-1

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

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REDLANDS, CA 92373
(909) 798-9336 • (800) 798 9336
FAX (909) 793 1559

Centrum Job # 15760

Chain of Custody Record

Project No.: S75-8G001
Project Name: Caltrans: West Approach
Project Manager: Frank Ross
Phone: 510-785-1111
Fax: 510-785-1192
Client Name (Company): PSI
Address: Hwy ward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 5242	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles 8270 625	Metals: TTLC/(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity CDD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb	
41	T5-1-3	12/4/99	10:18	S	Map BL-2	Acetate Tube								X					
42	T6-1-5		10:20											X			X		
43	DS7-3		10:24											X			X		
44	T7-1A-5		10:28											X					
45	T7-1A-3		10:30											X					
46	T7-1A-5		10:32											X					
47	DS8-5		10:35											X					
48	DS5-3		10:40											X					
49	T8-2-5		10:45											X			X	X	
50	DS1-5		10:48											X			X	X	

Turn-around time
- ☐ 24 Hr RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT
* Requires prior approval, additional charges apply

Remarks/ Special Instructions

Relinquished by (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	12/3/99	16:00			
Received by:	Date	Time	Received by:	Date	Time
			Relinquished by:	Date	Time
The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof			Received for Laboratory by:	Date	Time
				12/4/99	9:40

To be completed by laboratory personnel:
Samples chilled? ☑ Yes ☐ No
Custody seals? ☐ Yes ☑ No
All sample containers intact? ☑ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
Airborne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes: Homogenize

Sample Locator No.: G-1

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

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FAX (909) 793-1559

Centrum Job # 15466

Chain of Custody Record

Project No: 575-86001
Project Name: Caltrans: West Approach
Project Manager: Frank Ross
Phone: 510-785-1111
Fax: 510-785-1192
Client Name (Company): PSI
Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 524.2	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb	Remarks/ Special Instructions
51	D52-5	12/11/96	10:54	S	Map BL-2	Acetate Sleeve								X			X	X	
52	T9-1-3		10:56											X			X		
53	T9-1-5		10:59											X			X	X	
54	T9-3-5		11:03											X					
55	D46-5		11:06											X			X		
56	A13-3		11:10											X					
57	T14-2-5		10:12		↓									X			X	X	
58	TH23-1-5		11:28		Map BL-3									X			X	X	
59	D2-5		11:32		Map BL-3									X			X	X	
60	D68-3	↓	9:30	↓	Map BL-1	↓								X			X		

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT
* Request prior approval; additional charges apply

Relinquished by: (Sampler's Signature) — Date: 12/13/96 — Time: 16:00
Received by — Date — Time
Relinquished by: — Date — Time
Received by: — Date — Time
Relinquished by: — Date — Time
Received by laboratory by: — Date: 12/14/96 — Time: 9:40

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
Samples chilled? ☒ Yes ☐ No
Custody seals? ☐ Yes ☒ No
All sample containers intact? ☒ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
Airborne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:
Homogenize

Sample Locator No.
E-1

White Copy - Original (Accompanies Samples) — Yellow Copy - Centrum Files — Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

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FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 15766

Project No: 575-86001

Project Name: Caltrans: West Approach

Project Manager: Frank Ross

Phone: 510-785-1111

Fax: 510-785-1192

Client Name (Company): PSI

Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 5242	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) 99 RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb
61	TTB9-4-3	12/4/00	13:15	S	Map TTL-2	Acetate								X				
62	TTB9-3-5		13:18											X				X
63	TTB9-2-5		13:23											X				X
64	TTB10-2-1		13:28											X				
65	TTB10-2-3		13:33											X			X	X
66	TTB11-2-5		13:38											X			X	X
67	TTB12-2-3		13:43											X				
68	TTB13-2-5		13:48											X			X	X
69	TTB14-2-3		13:53											X				
70	TTB15-2-5		13:58											X			X	X

Relinquished by (Sampler's Signature): [signature] Date: 12/13/00 Time: 11:00

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received for Laboratory by: [signature] Date: 12/14/00 Time: 9:40

This delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:

Samples chilled? ☒ Yes ☐ No

Custody seals? ☐ Yes ☒ No

All sample containers intact? ☒ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☐ Hand carried Airborne

Turn-around time

☐ 24 Hr. RUSH*

☐ 48 Hr. RUSH*

☒ Normal TAT

* Requires prior approval, additional charges apply

Remarks/ Special Instructions

Sample Disposal

☐ Client will pick up

☐ Return to client

☐ Lab disposal fee $5

Sample Locator No.: E-1

Laboratory Notes: Homogenize

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

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Chain of Custody Record

Centrum Job # 15796

Page 8 of 8

Project No: 575-86001
Project Name: Caltrans: West Hyperion
Project Manager: Mark Loss
Phone: 510-785-1111
Fax: 510-785-1192
Client Name (Company): PSI
Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 5242	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	HR: TTLC(STLC) TCLP Pb	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	Mercury	Cadmium Pb from STLC Pb	Remarks/ Special Instructions
71	TTB16-3-5	12/14/99	14:03	S	Map TTL-2	Acetate Sleeve								X					
72	TTBR-2-1		14:08		Map TTL-3						X			X				X	
73	TTBQ-1-5		14:13														X		
74	TTBN-1-5		14:18								X			X				X	
75	TTBZ-1-3		14:20								X			X				X	
76	TNF36-1-5		14:28		Map BL-4	35 Ring											X		
77	TNF38-5		15:00											X					
78	B9-5		15:10											X				X	
79	B14-5		15:20								X			X				X	
80	B11-2.5		15:30								X			X				X	

Relinquished by: (Sampler's Signature) — Date 12/13/99 — Time 16:00
Received by: — Date — Time
Relinquished by: — Date — Time
Received by: — Date — Time
Relinquished by: — Date — Time
Received for Laboratory by: — Date 12/14/99 — Time 9:40

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

Turn-around time
- ☐ 24 Hr RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

To be completed by laboratory personnel:
Samples chilled? ☑ Yes ☐ No
Custody seals? ☐ Yes ☑ No
All sample containers intact? ☑ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
Airborne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Sample Locator No: E-1

Laboratory Notes: Homogenize

White Copy - Original (Accompanies Samples) — Yellow Copy - Centrum Files — Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

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lab@centrum-labs.com

Centrum Job # K576

Chain of Custody Record

Project No.: 575-8G001
Project Name: Cathens' West Approach
Project Manager: Frank Poss
Phone: 510-785-1111
Fax: 510-785-1192
Client Name: (Report and Billing) PSI
Address: (Report and Billing) Hayward

Please Circle Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	8015M: Diesel, Fuel Screen, Carbon Chain	8015M: Gas only	8021B: BTEX/MtBE Only	418.1 (TRPH), 413.2	GCMS: 8260B, 8021B, 624, 524.2	GCMS: MtBE Conf. Only	GCMS: 8270C, 625	8080: Pesticides, PCBs, Pest/PCB	Lead	Metals: Title 22 (CAM), RCRA, PP	pH, TDS, TSS, Conductivity	Flashpoint, Hex Cr	STLC Pb	TCLP Pb	Remarks/Special Instructions
B1	T26-2-S	12/10		Soil		1 S.S. Tube									X				X	X	Sample added per Frank Poss 12/17/99
B2	D37-S	12/11		Soil		↓									X						

1) Relinquished by: (Sampler's Signature) Date: Time:
2) Received by: Date: Time:
3) Relinquished by: Date: Time:
4) Received by: Date: Time:
5) Relinquished by: Date: Time:
6) Received for Laboratory by: Date: 12/14/99 Time: 9:40

This delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

Laboratory Notes:

To be completed by Laboratory personnel:
Samples chilled? ☒ Yes ☐ No ☐ From Field
Custody seals? ☐ Yes ☒ No
All sample containers intact? ☒ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
☒ Airborne

Turn-Around Time
☐ 24 Hr. RUSH*
☐ 48 Hr. RUSH*
☒ Normal TAT
*Requires PRIOR approval, additional charges apply
Requested due date:

Sample Disposal
☐ Client will pick up
☐ Return to client
☐ Lab disposal

Sample Locator No: E-1

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Centrum duplicate Gold Copy - Client Copy

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 12/11/99
Date Received: 12/14/99
Job Number: 15768

Project: West Approach

CASE NARRATIVE

The following information applies to samples which were received on 12/14/99 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

STLC Pb re-analysis by EPA 6010: The STLC Leachate for this sample contained precipitate which may have affected the re-analysis data.

Report approved by:

Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL : Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions
ND : Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit.
NA : Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for.

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	West Approach	Date Received:	12/14/99
Job No.:	15768	Date Digested:	12/15-17/99
Matrix:	Soil	Date Analyzed:	12/15-20/99
Analyst:	RLB	Batch Number:	6010S1405
			6010S1408
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
DTB52-1-3.0	5.0	120
DTB50-1-3.0	5.0	310
DTB50-2-3.0	5.0	640
DTB49-1-3.0	5.0	2,000
DTB53-1-3.0	5.0	400
DTB-45-1-3.0	5.0	310
DTB-55-2-3.0	5.0	36
DTB53-2-3.0	5.0	3,000
TF36-1-0.0	5.0	370
B14-1.0	5.0	37
B10-0.0	5.0	140
B10-3.0	5.0	440
B10-6.0	5.0	360

QC Sample Report - Metals

Matrix: Soil
Batch #: 601081405

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	96.68	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15772-1

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	54.4	55.7	2%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1408

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	103.1	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.031	1.074	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Mercury by Cold Vapor AA

Client:	PSI	Date Sampled:	12/11/99
Project:	West Approach	Date Received:	12/14/99
Job No.:	15768	Date Digested:	12/15/99
Matrix:	Soil	Date Analyzed:	12/15/99
Analyst:	TLR	Batch Number:	6010S1405
		Method Number:	7471

	Detection Limit	Mercury
Sample ID	mg/L	mg/L
Method Blank	0.10	ND
DTB59-1-2.0	0.10	0.66

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 12/11/99
Date Received: 12/14/99
Job Number: 15768

Project: West Approach

CASE NARRATIVE

The following information applies to samples which were received on 12/14/99 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

STLC Pb re-analysis by EPA 6010: The STLC Leachate for this sample contained precipitate which may have affected the re-analysis data.

Report approved by:

Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL : Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions
ND : Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit.
NA : Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for.

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	West Approach	Date Received:	12/14/99
Job No.:	15768	Date Digested:	12/15-17/99
Matrix:	Soil	Date Analyzed:	12/15-20/99
Analyst:	RLB	Batch Number:	6010S1405
			6010S1408
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
DTB52-1-3.0	5.0	120
DTB50-1-3.0	5.0	310
DTB50-2-3.0	5.0	640
DTB49-1-3.0	5.0	2,000
DTB53-1-3.0	5.0	400
DTB-45-1-3.0	5.0	310
DTB-55-2-3.0	5.0	36
DTB53-2-3.0	5.0	3,000
TF36-1-0.0	5.0	370
B14-1.0	5.0	37
B10-0.0	5.0	140
B10-3.0	5.0	440
B10-6.0	5.0	360

QC Sample Report - Metals

Matrix: Soil
Batch #: 601081405

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	96.68	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15772-1

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	54.4	55.7	2%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1408

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	103.1	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.031	1.074	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Mercury by Cold Vapor AA

Client:	PSI	Date Sampled:	12/11/99
Project:	West Approach	Date Received:	12/14/99
Job No.:	15768	Date Digested:	12/15/99
Matrix:	Soil	Date Analyzed:	12/15/99
Analyst:	TLR	Batch Number:	6010S1405
		Method Number:	7471

	Detection Limit	Mercury
Sample ID	mg/L	mg/L
Method Blank	0.10	ND
DTB59-1-2.0	0.10	0.66

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1405

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Mercury	2.5	98.8	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15772-1

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Mercury	2.520	2.550	1%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1405

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Mercury	2.5	98.8	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15772-1

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Mercury	2.520	2.550	1%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

STLC Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	West Approach	Date Received:	12/14/99
Job No.:	15768	Date Extracted:	12/19-21/99
Matrix:	STLC Leachate*	Date Analyzed:	12/22-28/99
Analyst:	RLB	Batch Number:	7420W0851
			6010W1422
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
DTB52-1-3.0	2.5	ND
DTB50-1-3.0	2.5	16
DTB50-2-3.0	2.5	71
DTB53-1-3.0	2.5	38
DTB45-1-3.0	2.5	ND
TF36-1-0.0	2.5	19
B10-0.0	2.5	15
B10-3.0	2.5	21
B10-6.0	2.5	14

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

QC Sample Report - Metals

Matrix: Water
Batch #: 7420W0851

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	102.6	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.026	1.021	0%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1422

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	95.74	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.0	1.1	13%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

TCLP Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	West Approach	Date Received:	12/14/99
Job No.:	15768	Date Extracted:	01/03/00
Matrix:	TCLP Leachate*	Date Analyzed:	01/06/00
Analyst:	RVJ	Batch Number:	6010W1428
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.50	ND
DTB50-1-3.0	0.50	0.80
DTB50-2-3.0	0.50	1.3
DTB49-1-3.0	0.50	29
DTB53-1-3.0	0.50	6.2
DTB53-2-3.0	0.50	4.9
TF36-1-0.0	0.50	1.7
B10-0.0	0.50	1.5
B10-3.0	0.50	0.53
B10-6.0	0.50	2.6

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1428

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery		Pass/Fail
Lead	1.0	110.4	75	- 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15797-1

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.061	0.990	7%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

STLC Lead Re-analysis by ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	West Approach	Date Received:	12/14/99
Job No.:	15768	Date Extracted:	12/19-21/99
Matrix:	STLC Leachate*	Date Analyzed:	01/19/00
Analyst:	RLB	Batch Number:	6010W1449
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
DTB50-2-3.0 **	2.5	37**
B10-0.0	2.5	14

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

**See Case Narrative regarding the re-analysis of this sample.

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1449

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	104.7	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.047	1.072	2%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

489660

Page: 1 of 2

Section A — Required Client Information:

Company: PSI
Address: 1520 W. WINTON AVE
HAYWARD, CA 94545
Phone: 510 785-1111 Fax: 5107851192

Section B — Required Client Information:

Report To: FRANK POSS
Invoice To: SAME
P.O.: 575-86001
Project Name: WEST APPROACH
Project Number: 86001

Client Information (Check quote/contract):
Requested Due Date: TAT: NORMAL 5DAY

* Under 5 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calendar days.

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:
Project Manager:
Project #:
Profile #:
Requested Analysis:

Section D — Required Client Information:

SAMPLE ID
One character per box.
(A-Z, 0-9 / -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes: MATRIX / CODE — WATER WT; SOIL SL; OIL OI; WIPE WP; AIR AR; TISSUE TS; OTHER OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (mm / dd / yy)	TIME COLLECTED (military hh:mm)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	DTBS9-1-2.0	SL	12/11/99	0807		X						
2	DTBS2-1-3.0			0841		X		X	X			
3	DTBS0-1-3.0			0854		X		X	X	X		
4	DTBS6-2-3.0			0920		X		X	X	X		
5	DTB49-1-3.0			0943		X	X	X	X	X		NOT NEEDED
6	DTBS3-1-3.0			1006		X	X	X	X	X		Pb Bulk EXT only
7	DTB45-1-3.0			1053		X		X	X			
8	DTBS5-2-3.0			1135		X						
9	DTBS3-2-3.0			1152		X	X	X	X	X		NOT NEEDED
10	TF36-1-0.0			1356		X	X	X	X	X		Pb Bulk EXT only
11	B14-1.0			1511		X						
12	B10-0.0			1530		X		X	X	X		

Pb TOTAL; Hg TOTAL; SILICA; TCLP Pb 20 mile; TCLP Hg 20 mile; Pb Bulk EXT to be analyzed

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				CHRIS MERRITT / PSI	12/6/99	1700	[illegible] / LANCASTER	12/14/99	9:40
Received on ICE:	(Y) / N								
Sealed Cooler:	Y / (N)								
Samples Intact:	(Y) / N								

Additional Comments: HOMOGENIZE PRIOR TO ANALYSIS
Method 1311 extraction.

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: CHRIS MERRITT
SIGNATURE of SAMPLER: CHRIS MERRITT
DATE Signed: (MM / DD / YY) 12/13/99

SEE REVERSE SIDE FOR INSTRUCTIONS

AIRBORNE Chain of Custody

The Right Chemistry, The Right Solution

CHAIN OF CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

489661

15768

Page: 2 of 2

Section A — Required Client Information

Company: PSI

Address: 1320 W. WINTON AVE
HAYWARD, CA 94545

Phone: 510 785-1111 Fax: 510 785-1192

Section B — Required Client Information

Report To: FRANK POSS

Invoice To: SAME

PO: 575-86001

Project Name: WEST APPROACH

Project Number: 86001

Client Information (Check quote/contract):

Requested Due Date: TAT: NORMAL 5 DAY

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calendar days.

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #:

Profile #

Requested Analysis:

Section D — Required Client Information

SAMPLE ID

One character per box.
(A–Z, 0–9 / , -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (mm / dd / yy)	TIME COLLECTED (hh:mm a/p)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	TOTAL Pb	DISS Pb	TCLP Pb	Remarks / Lab ID
1	B10-3.0	SL	12/11/99	1538	1							X	X	X (8)	
2	B10-6.0	SL		1548	1							X	X	(8)	
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				CHRIS MERRITT / PSI	12/13/99	1700	/ CENTRUM	12/14/99	9:40
Received on ICE:	(Y) / N								
Sealed Cooler:	Y / (N)								
Samples Intact:	(Y) / N								

Additional Comments:

HOMOGENIZE
RUN B10-6.0 ~~PB~~ FOR Hg IF Pb IS
AT NON HAZARDOUS LEVELS.

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed: (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

Chris Merritt Airborne

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 12/18/99
Date Received: 12/21/99
Job Number: 15797

Project: Caltrans: W. Approach

CASE NARRATIVE

The following information applies to samples which were received on 12/21/99 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

Report approved by:

Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL : Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions.
ND : Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit.
NA Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for

200 TENNESSEE STREET • REDLANDS, CA 92373 • (909) 798 9336 • FAX (909) 793 1569 • (800) 798 9336

Lead By ICP

Client:	PSI	Date Sampled:	12/18/99
Project:	Caltrans: W. Approach	Date Received:	12/21/99
Job No.:	15797	Date Digested:	12/27/99
Matrix:	Soil	Date Analyzed:	12/27-28/99
Analyst:	RLB	Batch Number:	601051419
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
T4-2-0.0	5.0	12
D60-3.0	5.0	9.5
TNF-3-1-0.0	5.0	13
TNF-2-1-0.0	5.0	2,300
TF35-1-0.0	5.0	ND
TF34-1-5.0	5.0	11
TF31-1-0.0	5.0	5.6
TF30-1-0.0	5.0	11
TF30-1-3	5.0	210

Lead By ICP

Client:	PSI	Date Sampled:	12/18/99
Project:	Caltrans: W. Approach	Date Received:	12/21/99
Job No.:	15797	Date Digested:	12/28/99
Matrix:	Soil	Date Analyzed:	12/29/99
Analyst:	RLB	Batch Number:	6010S1420
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
TF29-1-0.0	5.0	24
TF28-1-3.0	5.0	100
D28-0.0	5.0	230
D27-0.0	5.0	410
T4-3-3.0	5.0	25

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1419

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	98.38	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: T4-2-0.0

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	62.8	61.7	2%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1420

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery		Pass/Fail
Lead	50	106.2	75	125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15808-42

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.119	1.187	6%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Copper By ICP

Client:	PSI	Date Sampled:	12/18/99
Project:	Caltrans: W. Approach	Date Received:	12/21/99
Job No.:	15797	Date Digested:	12/27/99
Matrix:	Soil	Date Analyzed:	12/27-28/99
Analyst:	RLO	Batch Number:	6010S1419
		Method Number:	6010

	Detection Limit	Copper
Sample ID	mg/kg	mg/kg
Method Blank	2.5	ND
TF31-1-0.0	2.5	18

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1419

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Copper	50	104.8	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 14:2 0.0

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Copper	1.632	1.569	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

STLC Lead By ICP

Client:	PSI	Date Sampled:	12/18/99
Project:	Caltrans: W. Approach	Date Received:	12/21/99
Job No.:	15797	Date Extracted:	01/03/00
Matrix:	STLC Leachate*	Date Analyzed:	01/00/00
Analyst:	RVJ	Batch Number:	6010W1429
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
TF30-1-3	2.5	13
TF28-1-3.0	2.5	23
D28-0.0	2.5	12
D27-0.0	2.5	23

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1429

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	108.6	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.086	1.042	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

TCLP Lead By ICP

Client:	PSI	Date Sampled:	12/18/99
Project:	Caltrans: W. Approach	Date Received:	12/21/99
Job No.:	15797	Date Extracted:	01/04-10/00
Matrix:	TCLP Leachate*	Date Analyzed:	01/06-13/00
Analyst:	RVJ/RLB	Batch Number:	6010W1428
			6010W1432
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.50	ND
TNF-2-1-0.0	0.50	4.3
TF30-1-3	0.50	ND
TF28-1-3.0	0.50	ND
D28-0.0	0.50	ND
D27-0.0	0.50	ND

* Sample was prepared by SW-846 Method 1311 (TCLP).

QC Sample Report - Metals

Matrix: Water
Batch #. 6010W1428

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	110.4	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15797-1

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.061	0.990	7%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1432

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	106.3	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15844-16

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.058	1.012	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

15797

Centrum Analytical Laboratories, Inc.

Centrum Job #

290 TENNESSEE STREET
REDLANDS, CA 92373
www.centrum-labs.com

(909) 798-9336 ● (800) 798-9336
FAX (909) 793-1559
lab@centrum-labs.com

Chain of Custody Record

Page 1 of 2

Project No: 3G001

Project Name: CALTRANS - W. Approach

Project Manager: Frank Poss

Phone: 510-785-1111 Fax: 510-785-1192

Client Name: (Report and Billing) PSI

Address: (Report and Billing) 1320 West Winton Ave Hayward, CA 94545

Please Circle Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	8015M: Diesel, Fuel Screen, Carbon Chain	8015M: Gas only	8021B: BTEX/MBE Only	418.1 (TRPH), 413.2	GCMS: 8260B, 8021B, 624, 524.2	GCMS: MtBE Conf. Only	GCMS: 8270C, 625	8080: Pesticides, PCBs, Pest/PCB	TCLP Pb	Metals: Title 22 (CAM), RCRA, PP	pH, TDS, TSS, Conductivity	Flashpoint, Wet Cr	Lead
1	T4-2-0.0	12/18	12:10	Soil		1SSS												X	X
2	D60-3.0	12/18	12:30	Soil		1SSS												X	X
3	TNF-3-1-0.0	12/18	12:56	Soil		1SSS												X	X
4	TNF-2-1-0.0	12/18	1:00	Soil		1SSS									⊗			X	X

Turn-Around Time

- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☐ Normal TAT

*Requires PRIOR approval, additional charges apply

Requested due date: _____

Remarks/Special Instructions

1) Relinquished by: (Sampler's Signature) CHRIS MERRITT Date: 12/20 Time: 17:00

2) Received by: Date: Time:

3) Relinquished by: Date: Time:

4) Received by: Date: Time:

5) Relinquished by: Date: Time:

6) Received for Laboratory by: Date: 12/21 Time: 9:45

To be completed by Laboratory personnel:

Samples chilled? ☑ Yes ☐ No ☐ From Field

Custody seals? ☐ Yes ☑ No

All sample containers intact? ☑ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

Victoria

Sample Disposal

- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal

Sample Locator No.

F-1

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

Laboratory Notes:

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Centrum duplicate Gold Copy - Client Copy

Centrum Analytical Laboratories, Inc.

15797

Centrum Job #

290 TENNESSEE STREET
REDLANDS, CA 92373
www.centrum-labs.com

(909) 798-9336 ● (800) 798-9336
FAX (909) 793-1559
lab@centrum-labs.com

Chain of Custody Record

Page 2 of 2

Project No: 86001

Project Name: Caltrans - Wet Approach

Project Manager: Fred Poss

Phone: 510-785-1111

Fax: 510-785-1192

Client Name: (Report and Billing) PSI

Address: (Report and Billing) Hayward

Please Circle Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	8015M: Diesel, Fuel Screen, Carbon Chain	8015M: Gas only	8021B: BTEX/MtBE Only	418.1 (TRPH), 413.2	Copper, Zinc, Fax	GCMS: 8260B, 8021B, 624, 524.2	GCMS: MtBE Conf. Only	GCMS: 8270C, 625	8080: Pesticides, PCBs, Pest/PCB	TCLP Pb	Metals: Title 22 (CAM), RCRA, PP	pH, TDS, TSS, Conductivity	Flashpoint, Hexcr	Lead Pb	Lead Pb
5	TF35-1-0.0	12/18	7:58	Soil		1555														X	
6	TF34-1-5.0	12/18	8:25	Soil		1555														X	
7	TF31-1-0.0	12/18	8:50	Soil		1555					X									X	
8	TF30-1-0.0	12/18	9:09	Soil		1555														X	
9	TF30-1-3	12/18	9:25	Soil		1555										X				X	X
10	TF29-1-0.0	12/18	9:44	Soil		1555														X	
11	TF28-1-3.0	12/18	10:12	Soil		1555										X				X	X
12	D28-0.0	12/18	10:28	Soil		1555										X				X	X
13	D27-0.0	12/18	10:38	Soil		1555										X				X	X
14	T4-3-3.0	12/18	12:00	Soil		1555														X	X

Turn-Around Time

- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☐ Normal TAT

*Requires PRIOR approval, additional charges apply

Requested due date: _____

Remarks/Special Instructions

1) Relinquished by: (Sampler's Signature) CHRIS MERRITT — Date: 12/20 — Time: 17:00

2) Received by: — Date: — Time:

3) Relinquished by: — Date: — Time:

4) Received by: — Date: — Time:

5) Relinquished by: — Date: — Time:

6) Received for Laboratory by: — Date: 12/21 — Time: 9:45

To be completed by Laboratory personnel:

Samples chilled? ☑ Yes ☐ No ☐ From Field

Custody seals? ☐ Yes ☑ No

All sample containers intact? ☑ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☐ Hand carried Airborne

Sample Disposal

- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal

Sample Locator No.

F-1

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

Laboratory Notes:

White Copy - Original (Accompanies Samples) — Yellow Copy - Centrum Files — Pink Copy - Centrum duplicate — Gold Copy - Client Copy

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave,
Hayward, CA 94545

Date Sampled: 12/10/99
Date Received: 12/14/99
Job Number: 15767

Project: Caltrans; West Approach

CASE NARRATIVE

The following information applies to samples which were received on 12/14/99 :

The samples were received at the laboratory chilled, all sample containers and custody seals were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

Report approved by:

FOR
Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions.
ND Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit
NA Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for.

Lead By ICP

Client:	PsI	Date Sampled:	12/10/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15767	Date Digested:	12/14/99
Matrix:	Soil	Date Analyzed:	12/14-15/99
Analyst:	RLB	Batch Number:	6010S1404
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
L4-2	5.0	ND
T23-2-S	5.0	200
T23-2-1	5.0	45
D20-S	5.0	73
D15-S	5.0	190
B3-S	5.0	120
B4-S	5.0	170
B5-S	5.0	110
T22-1-3	5.0	200
D24-3	5.0	160
T23-1-S	5.0	230
T23-1-2	5.0	53

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1404

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	116.4	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15769-1

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	153.8	164.1	6%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

STLC Lead By ICP

Client:	PSI	Date Sampled:	12/10/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15767	Date Extracted:	12/15/99
Matrix:	STLC Leachate*	Date Analyzed:	12/17/99
Analyst:	RLB	Batch Number:	6010W1409
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
T23-2-S	2.5	11
D20-S	2.5	4.8
D15-S	2.5	11
B3-S	2.5	6.8
B4-S	2.5	10
B5-S	2.5	6.3
T22-1-3	2.5	16
D24-3	2.5	3.1
T23-1-S	2.5	12
T23-1-2	2.5	4.4

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1409

Batch Accuracy Results

Sample ID:Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	108.8	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.088	1.093	0%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

TCLP Lead By ICP

Client:	PSI	Date Sampled:	12/10/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15767	Date Extracted:	12/29/99
Matrix:	TCLP Leachate*	Date Analyzed:	12/30/99
Analyst:	RLB	Batch Number:	6010W1423
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.10	ND
T23-2-S	0.10	0.25
D15-S	0.10	0.20
B3-S	0.10	ND
B4-S	0.10	ND
B5-S	0.10	ND
T22-1-3	0.10	0.23
T23-1-S	0.10	ND

* Sample was prepared by SW-846 Method 1311 (TCLP).

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1423

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	108.3	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: D15-S

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.084	1.204	10%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Centrum Analytical Laboratories, Inc.

Centrum Job # 15767

290 TENNESSEE STREET
HEDLANDS, CA 92373

(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Project No: 575-86001
Project Name: Caltrans: West Approach
Project Manager: Frank Poss
Phone: 510-785-1111
Fax: 510-785-1192
Client Name (Company): PSI
Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 624.2	8080 Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb + PHS 12/14/92	TCLP Pb	Remarks/ Special Instructions
1	L4-2	12/10/92	14:20	S	Map BL-3	Tube 55								X			X	X		
2	T23-2-S		14:35											X			X	X	X	
3	T23-2-1		14:38											X			X			
4	D20-S		14:50											X			X			
5	D15-S		14:57											X			X	X	X	
6	B3-S		15:23											X			X	X	X	
7	B4-S		16:28											X			X	X	X	
8	B5-S		15:33											X			X	X	X	
9	T22-1-3		15:49											X			X	X	X	
10	D24-3		15:58											X			X	X	X	

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval; additional charges apply

Relinquished by (Sampler's Signature): Date 12/13/92 Time 16:00

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received for Laboratory by: Tom Betty Date 12/14/92 Time 9:40

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
- Samples chilled? ☒ Yes ☐ No
- Custody seals? ☒ Yes ☐ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried Airborne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes: Homogenize

Sample Locator No.

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.
290 TENNESSEE STREET
REDLANDS, CA 92373
(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Centrum Job # 15767

Chain of Custody Record

Project No: 575-80001
Project Name: Caltrans West Approach
Project Manager: Frank Ross
Phone: 510-785-1111
Fax: 510-785-1192
Client Name: (Company) PSI
Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 524.2	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb	TCLP Pb
11	T23-1-S	12/10/99	16:12	S	Map BL-3	5S Tube								X			X		X
12	T23-1-2	↓	16:20	↓	↓	L								X					

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☐ Normal TAT

* Request prior approval, additional charges apply

Remarks/ Special Instructions

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	12/13/99	16:00			
Received by:	Date	Time	Received by:	Date	Time
			Relinquished by:	Date	Time
The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.			Received for Laboratory by: Jon Rabot	Date 12/14/99	Time 9:40

To be completed by laboratory personnel:
- Samples chilled? ☑ Yes ☐ No
- Custody seals? ☐ Yes ☑ No
- All sample containers intact? ☑ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried Airborne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes: Homogenize

Sample Locator No.
E-1

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSIS

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 01/07/00
Date Received: 01/08/00
Job Number: 15850

Project: Caltrans: West Approach

CASE NARRATIVE

The following information applies to samples which were received on 01/08/00 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

Report approved by:

FOR

Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL : Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions.
ND Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit.
NA : Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for.

Lead By ICP

Client:	PSI	Date Sampled:	01/07/00
Project:	Caltrans: West Approach	Date Received:	01/08/00
Job No.:	15650	Date Digested:	01/10/00
Matrix:	Soil	Date Analyzed:	01/11/00
Analyst:	RI B	Batch Number:	601081433
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
TNF6-1-0.0	5.0	150
TNF6-1-3.0	5.0	38
TNF6-1-5.0	5.0	18

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1433

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	103.6	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15851-14

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	52.4	57.3	9%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

STLC Lead By ICP

Client:	PSI	Date Sampled:	01/07/00
Project:	Caltrans: West Approach	Date Received:	01/08/00
Job No.:	15850	Date Extracted:	01/12/00
Matrix:	STLC Leachate*	Date Analyzed:	01/17/00
Analyst:	RLB	Batch Number:	6010W1444
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
TNF6-1-0.0	2.5	5.3

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1444

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery		Pass/Fail
Lead	50	103.4	75	- 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.034	1.075	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

TCLP Lead By ICP

Client:	PSI	Date Sampled:	01/07/00
Project:	Caltrans: West Approach	Date Received:	01/08/00
Job No.:	15850	Date Extracted:	01/19/00
Matrix:	TCLP Leachate*	Date Analyzed:	01/20/00
Analyst:	RLB	Batch Number:	6010W1448
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.50	ND
TNF6-1-0.0	0.50	ND

* Sample was prepared by SW-846 Method 1311 (TCLP).

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1448

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	113.5	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15886-1

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	0.961	1.032	7%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
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lab@centrum-labs.com

Centrum Job # 14850

Chain of Custody Record

Page 1 of 1

Project No: 86001

Project Name: CALTRANS WEST APPROACH

Project Manager: FRANK POSS

Phone: 510-785-4111

Fax: 510-785-1192

Client Name: (Report and Billing) PSI

Address: (Report and Billing) 1320 W. WINTON AVE HAYWARD, CA 94545

Please Circle Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	8015M: Diesel, Fuel Screen, Carbon Chain	8015M: Gas only	8021B: BTEX/MBE Only	418.1 (TRPH), 413.2	GCMS: 8260B, 8021B, 624, 524.2	GCMS: MtBE Conf. Only	GCMS: 8270C, 625	8080: Pesticides, PCBs, Pest/PCB	TCLP Pb	Metals: Title 22 (CAM), RCRA, PP	pH, TDS, TSS, Conductivity	Flashpoint, Hex Cr	TOTAL Pb	STLC Pb
1	TNF6-1-0.0	11/7/99		SOIL		1555									X				X	X
2	TNF6-1-3.0	↓		↓		↓													X	
3	TNF6-1-5.0																			

Turn-Around Time

- ☐ 24 Hr. RUSH*
- ☒ 48 Hr. RUSH*
- ■ Normal TAT

*Requires PRIOR approval, additional charges apply

Requested due date: 5 DAYS

Remarks/Special Instructions

1) Relinquished by: (Sampler's Signature) CHRIS MERRITT — Date: 11/7/00 — Time: 1645

2) Received by: — Date: — Time:

3) Relinquished by: — Date: — Time:

4) Received by: — Date: — Time:

5) Relinquished by: — Date: — Time:

6) Received for Laboratory by: — Date: 11/8/00 — Time: 11:00

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

Laboratory Notes:

To be completed by Laboratory personnel:

Samples chilled? ☒ Yes ☐ No ☐ From Field

Custody seals? ☐ Yes ☒ No

All sample containers intact? ☒ Yes ☐ No

☐ Courier ☒ UPS/Fed Ex ☐ Hand carried

FEDEX

Sample Disposal

- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal

Sample Locator No.

D-3

White Copy - Original (Accompanies Samples) | Yellow Copy - Centrum Files | Pink Copy - Centrum duplicate | Gold Copy - Client Copy

SITE INVESTIGATION REPORT
VOLUME 13 (APPENDIX C)

WEST APPROACH PROJECT INCLUDING
TRANSBAY TERMINAL LOOP
SAN FRANCISCO, CALIFORNIA

prepared for

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

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

prepared by

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
Environmental Engineering Branch
&
Professional Service Industries, Inc.
1320 West Winton Avenue
Hayward, California 94545
(510) 785-1111

June, 1999
575-8G001

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498 9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS TBT
Site Location:

PACE ANALYTICAL Project #: 980623-04
PACE ANALYTICAL WO #: 13473A
Client ID #: 8G001 TBT

Date: 7/15/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/19/98 and received on 06/22/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TPH-Speciation (Water)	2-3
TPH-Speciation (Soil)	4-5
CCR Metals (Water)	6-7
CCR Metals (Soil)	8-14
BTEX (Water)	15-16
BTEX (Soil)	17-20
List of Abbreviations and Definitions	21

In addition the analysis for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by:
Richard Villafana, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitting for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full
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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Analyst: AN/WK
Preparation Analyst: AN/WK

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/L	PRL mg/L	DF
Client ID:	Analysis Date			
Method Blank	07/07/98	<5.0	5.0	1
TTBX-2-W	07/07/98	<5.0	5.0	1

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

QUALITY CONTROL/QUALITY ASSURANCE REPORT

Analyst: AN/WK
Preparation Analyst: AN/WK

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis date:	07/07/98		07/07/98	07/07/98			
TPH-Speciation	109	80-120	89	88	70-130	1.1	0-30

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980623-04
PACE ANALYTICAL WO#:13473A
Client ID#:8G001 TBT

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	06/25/98	<10	---	10	1
TTBX-2-10.0	06/25/98	<10	---	10	1
TTBS-2-10.0	06/25/98	<10	---	10	1
TTBY-1-10.0	06/25/98	<10	---	10	1
TTBZ-1-10.0	06/26/98	<10	---	10	1
TTBX-1-10.0	06/26/98	<10	---	10	1
TTBS-1-10.0	06/26/98	<10	---	10	1
TTBX-2-3.0	06/29/98	<10	---	10	1
TTBX-2-5.0	06/29/98	<10	---	10	1
TTBS-2-S	06/29/98	<10	---	10	1
TTBS-2-3.0	06/29/98	<10	---	10	1
TTBS-2-5.0	06/29/98	<10	---	10	1
TTBY-1-S	06/29/98	<10	---	10	1
TTBY-1-3.0	06/29/98	<10	---	10	1
TTBY-1-5.0	06/29/98	<10	---	10	1
TTBX-2-S	06/29/98	<10	---	10	1
TTBX-1-S	06/29/98	<10	---	10	1
TTBZ-1-S	06/29/98	<10	---	10	1
TTBZ-1-3.0	06/29/98	520	C14-C20 Oil	10	1
TTBZ-1-5.0	06/29/98	40	C14-C20 Oil	10	1
TTBS-11S	06/29/98	<10	---	10	1
TTBS-1-3.0	06/29/98	<10	---	10	1
TTBS-1-5.0	06/29/98	<10	---	10	1
TTBU-1-S	06/29/98	<10	---	10	1
TTBX-1-3.0	06/29/98	<10	---	10	1
TTBX-1-5.0	06/29/98	<10	---	10	1

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980623-04
PACE ANALYTICAL WO#:13473A
Client ID#:6G001 TBT

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/25/98		06/25/98	06/25/98			
TPH-Speciation	112	80-120	122	95	70-130	25	0-30

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/26/98		06/26/98	06/26/98			
TPH-Speciation	114	80-120	105	92	70-130	13	0-30

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/02/98		07/02/98	07/02/98			
TPH Speciation	106	80-120	112	103	70-130	8.4	0-30

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
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Pace Analytical

Analyst:	SC/BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTBX-2-W	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	
Date Analyzed:	06/30/98	06/30/98		
Analyte				
Antimony (Sb)	<0.13	<0.13	0.13	6010
Arsenic (As)	<0.13	<0.13	0.13	6010
Barium (Ba)	<0.25	<0.25	0.25	6010
Beryllium (Be)	<0.013	<0.013	0.013	6010
Cadmium (Cd)	<0.013	<0.013	0.013	6010
Chromium (Cr)	<0.013	<0.013	0.013	6010
Cobalt (Co)	<0.025	<0.025	0.025	6010
Copper (Cu)	<0.063	<0.063	0.063	6010
Lead (Pb)	<.038	<.038	.038	6010
Mercury (Hg)	<0.0002	<0.0002	0.0002	7471
Molybdenum (Mo)	<0.063	<0.063	0.063	6010
Nickel (Ni)	0.02	<0.013	0.013	6010
Selenium (Se)	<0.0625	<0.0625	0.0625	6010
Silver (Ag)	<0.013	<0.013	0.013	6010
Thallium (Tl)	<0.13	<0.13	0.13	6010
Vanadium (V)	<0.013	<0.013	0.013	6010
Zinc (Zn)	<0.25	<0.25	0.25	6010
DF	1	1		

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PACE ANALYTICAL Project#:980623-04
PACE ANALYTICAL WO#:13473A
Client ID#:8G001 TBT

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC/BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		06/30/98		06/30/98	06/30/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	100	70-130	102	102	70-130	0.0	0-25
Arsenic (As)	6010	100	70-130	102	102	79-118	0.0	0-9
Barium (Ba)	6010	98	70-130	104	104	76-114	0.0	0-9
Beryllium (Be)	6010	99	70-130	99	99	70-130	0.0	0-25
Cadmium (Cd)	6010	99	70-130	102	102	78-108	0.0	0-9
Chromium (Cr)	6010	98	70-130	101	102	75-108	1.0	0-9
Cobalt (Co)	6010	99	70-130	100	100	70-130	0.0	0-25
Copper (Cu)	6010	99	70-130	104	104	70-130	0.0	0-25
Lead (Pb)	6010	99	70-130	104	103	74-106	1.0	0-9
Mercury (Hg)	7471	99	70-130	84	84	80-122	0.0	0-10
Molybdenum (Mo)	6010	99	70-130	101	101	70-130	0.0	0-25
Nickel (Ni)	6010	99	70-130	100	100	70-130	0.0	0-25
Selenium (Se)	6010	99	70-130	106	106	77-120	0.0	0-10
Silver (Ag)	6010	101	70-130	84	84	69-110	0.0	0-8
Thallium (Tl)	6010	97	70-130	103	103	70-130	0.0	0-25
Vanadium (V)	6010	99	70-130	102	102	70-130	0.0	0-25
Zinc (Zn)	6010	98	70-130	102	102	70-130	0.0	0-25

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Pace Analytical

PACE ANALYTICAL Project#:980823-04
PACE ANALYTICAL WO#:13473A
Client ID#:8G001 TOT

Analyst:	BJ
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTBX-2-3	TTBX-2-5	TTBX-2-10	TTBS-2-5	TTBS-2-3	TTBS-2-5	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/08/98	07/08/98	07/08/98	07/08/98	07/08/98	07/08/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	43	68	70	96	54	34	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	29	30	26	24	27	29	0.5	6010
Cobalt (Co)	3.9	4.5	3.7	6.9	5.3	4.4	1.0	6010
Copper (Cu)	41	140	150	36	16	14	2.5	6010
Lead (Pb)	170	190	290	67	29	57	1.0	6010
Mercury (Hg)**	0.14	0.33	0.06	0.48	0.07	0.27	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	16	17	15	21	21	17	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	23	21	19	22	23	25	0.5	6010
Zinc (Zn)	100	220	260	130	57	67	10	6010
DF	1	1	1	1	1	1		

**Mercury analyzed on 06/30/98

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PACE ANALYTICAL Project#:980823-04
PACE ANALYTICAL WO#:13473A
Client ID#:BC001 TBT

Analyst:	BJ
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTBS-2-10	TTBZ-1-10	TTBY-1-S	TTBY-1-3	TTBY-1-6	TTBY-1-10	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/08/98	07/08/98	07/08/98	07/09/98	07/08/98	07/08/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	5.6	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	25	62	160	30	22	32	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	29	26	22	37	27	28	0.5	6010
Cobalt (Co)	4.0	3.5	14	4.3	3.8	4.0	1.0	6010
Copper (Cu)	23	9.9	28	11	<2.5	29	2.5	6010
Lead (Pb)	46	44	16	39	23	59	1.0	6010
Mercury (Hg)**	0.39	0.17	0.45	<0.05	<0.05	0.10	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	15	15	40	17	16	17	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	27	20	24	26	22	22	0.5	6010
Zinc (Zn)	49	63	79	61	34	78	10	6010
DF	1	1	1	1	1	1		

**Mercury analyzed on 06/30/98.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		07/08/98		07/08/98	07/08/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	93	70-130	56*	65	60-130	15	0-25
Arsenic (As)	6010	94	78-104	86	91	34-135	5.6	0-15
Barium (Ba)	6010	102	81-117	80	92	55-130	14	0-25
Beryllium (Be)	6010	97	70-130	87	89	70-130	2.3	0-25
Cadmium (Cd)	6010	92	75-104	86	84	73-115	2.4	0-15
Chromium (Cr)	6010	97	81-103	88	85	62-125	3.5	0-15
Cobalt (Co)	6010	96	70-130	81	83	70-130	2.4	0 25
Copper (Cu)	6010	98	70-130	100	159*	70-140	46*	0-25
Lead (Pb)	6010	91	76-104	66	73	46-120	10	0-30
Mercury (Hg)**	7471	99	76-121	98	99	70-135	1.0	0-30
Molybdenum (Mo)	6010	100	70-130	83	86	70-130	3.6	0-25
Nickel (Ni)	6010	95	70-130	83	84	70-130	1.2	0-25
Selenium (Se)	6010	95	79-102	81	84	42-120	3.6	0-15
Silver (Ag)	6010	92	77-107	68	77	53-116	12	0-19
Thallium (Tl)	6010	96	70-130	79	84	70-130	6.1	0-25
Vanadium (V)	6010	99	70-130	83	80	70-130	3.7	0-25
Zinc (Zn)	6010	95	70-130	76	81	70-130	6.4	0-25

*Sample matrix effect.
**Mercury analyzed on 06/30/98

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Pace Analytical

PACE ANALYTICAL Project#:980523 04
PACE ANALYTICAL WO#:13473A
Client ID#:8G001 TST

Analyst:	BJ
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTBU-1-S	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/08/98	07/08/98		
Analyte				
Antimony (Sb)	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	5.0	6010
Barium (Ba)	69	<10	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	<0.5	0.5	6010
Chromium (Cr)	23	<0.5	0.5	6010
Cobalt (Co)	6.3	<1.0	1.0	6010
Copper (Cu)	33	<2.5	2.5	6010
Lead (Pb)	20	<1.0	1.0	6010
Mercury (Hg)**	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	2.5	6010
Nickel (Ni)	23	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	5.0	6010
Vanadium (V)	20	<0.5	0.5	6010
Zinc (Zn)	90	<10	10	6010
DF	1	1		

**Mercury analyzed on 06/30/98.

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PACE ANALYTICAL Project#:080823-04
PACE ANALYTICAL WO#:13473A
Client ID#:BG001 THT

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		07/08/98		07/08/98	07/08/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	94	70-130	50*	66	60-130	28*	0-25
Arsenic (As)	6010	96	78-104	76	90	34-135	17	0-15
Barium (Ba)	6010	99	81-117	74	89	55-130	18	0-25
Beryllium (Be)	6010	95	70-130	72	89	70-130	21	0-25
Cadmium (Cd)	6010	92	75-104	70*	85	73-116	19	0-15
Chromium (Cr)	6010	96	81-103	54*	79	62-125	38*	0-15
Cobalt (Co)	6010	94	70-130	64*	82	70-130	26	0-25
Copper (Cu)	6010	95	70-130	86	100	70-140	15	0-25
Lead (Pb)	6010	92	76-104	55	72	48-120	27	0-30
Mercury (Hg)**	7471	109	78-121	108	100	70-135	1.0	0-30
Molybdenum (Mo)	6010	96	70-130	67*	85	70-130	24	0-25
Nickel (Ni)	6010	94	70-130	65*	83	70-130	24	0-25
Selenium (Se)	6010	92	79-102	69	85	42-120	21	0-15
Silver (Ag)	6010	91	77-107	64	79	53-115	21	0-19
Thallium (Tl)	6010	93	70-130	64*	82	70-130	25	0-25
Vanadium (V)	6010	97	70-130	63*	84	70-130	29*	0-25
Zinc (Zn)	6010	99	70-130	67*	80	70-130	18	0-25

*Sample matrix effect.
**Mercury analyzed on 06/30/98.

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Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTBX-2-W	Method Blank	MDL
Units:	µg/L	µg/L	µg/L
Analysis Date:	06/25/98	06/25/98	
Analyte			
Benzene	<0.3	<0.3	0.3
Toluene	<0.3	<0.3	0.3
Ethylbenzene	<0.6	<0.6	0.6
Total Xylenes	<0.6	<0.6	0.6
DF	1	1	
Surrogate Recovery %:			Acceptable Range:
a,a,a-Trifluorotoluene	86	92	62-131

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PACE ANALYTICAL Project#:980823-04
PACE ANALYTICAL WO#:13473A
Client ID#:8G001 TST

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTBZ-1-10.0	TTBY-1-S	TTBY-1-3.0	TTBY-1-5.0	TTBY-1-10.0	TTBX-1-S	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/24/98	06/24/98	06/24/98	06/24/98	06/24/98	06/24/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	105	104	106	107	103	104	59-134

Client ID:	TTBX-1-3.0	TTBX-1-5.0	TTBX-1-10	TTBZ-1-S	TTBZ-1-3.0	TTBZ-1-5.0	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	06/24/98	06/24/98	06/24/98	06/24/98	06/24/98	06/24/98	06/24/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:								Acceptable Range:
a,a,a-Trifluorotoluene	101	100	100	103	97	92	106	59-134

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/24/98		06/24/98	06/24/98			
Analyte							
Benzene	105	74-116	99	86	72-115	14	0-26
Toluene	111	73-116	114	90	70-114	24	0-22
Ethylbenzene	109	75-118	106	102	68-119	3.8	0-24
Total Xylenes	110	78-120	115	101	74-117	13	0-22

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PACE ANALYTICAL Project# 980623-04
PACE ANALYTICAL WO#:13473A
Client ID#:6G001 TBT

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTBS-1-S	TTBS-1-3.0	TTBS-1-5.0	TTBS-1-10	TTBU-1-S	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	06/24/98	06/24/98	06/24/98	06/24/98	06/24/98	06/24/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							**Acceptable Range:**
a,a,a-Trifluorotoluene	94	94	92	90	94	86	59-134

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/24/98		06/24/98	06/24/98			
Analyte							
Benzene	98	74-116	94	97	72-115	3.1	0-26
Toluene	100	73-116	98	99	70-114	1.0	0-22
Ethylbenzene	103	75-118	101	101	68-119	0.0	0-24
Total Xylenes	102	78-120	101	103	74-117	2.0	0-22

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

Pace Analytical

July 09, 1998

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RE: Pace Project Number: 108155
Client Project ID: 980623-04

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received June 24, 1998 through June 26, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

Pace Analytical

DATE: 07/09/98
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Pace Analytical Long Beach SC
3,,0 Gilman Street
Long Beach, CA 90815

Pace Project Number: 108155
Client Project ID: 980623-04

Attn: Mr. Richard Villalonia
Phone: (562)498-9515

Solid results are reported on a wet weight basis

Pace Sample No: 10707108 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TPBX-2-3 Date Received: 06/24/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC -- Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/01/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/01/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/01/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/01/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/01/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/01/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/01/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	97	%		07/01/98	SJW	877-09-8	
Decachlorobiphenyl (S)	95	%		07/01/98	SJW	2051-24-3	
Date Extracted				06/30/98			
GC/MS -- VOA							
GC/MS VOA's by 8260		Method: EPA 8260				Prep Method: EPA 8260	
Dichlorodifluoromethane	ND	ug/kg	5	07/03/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/03/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/03/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/03/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/03/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/03/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/03/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/03/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/03/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/03/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/03/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/03/98	TAW	156-59-2	

Pace Project Number: 108155
Client Project ID: 980621-04

Pace Sample No: 10702108 Date Collected: 06/17/98 Matrix: Soil
Client Sample ID: TTBX-2-3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Chloroform	ND	ug/kg	5	07/03/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/03/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/03/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/03/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/03/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/03/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/03/98	TAW	107-06-2	1
Trichloroethene	ND	ug/kg	5	07/03/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/03/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/03/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/03/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/03/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/03/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/03/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/03/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/03/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/03/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/03/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/03/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/03/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/03/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/03/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/03/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/03/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/03/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/03/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/03/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/03/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/03/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/03/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/03/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/03/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/03/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/03/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	95-50-1	

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702108 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTMX-2-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/01/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/01/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/01/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/01/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/01/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/01/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/01/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/01/98	TAW	110-75-8	
Acetone	9.0	ug/kg	20	07/01/98	TAW	67-64-1	3,7,4
2-Butanone	ND	ug/kg	10	07/01/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/01/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/01/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/01/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/01/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/01/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	5000	07/01/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/01/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/01/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/01/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/01/98	TAW	75-65-0	
Dibromofluoromethane (S)	94	%		07/01/98	TAW	1868 53 7	
Toluene-d8 (S)	102	%		07/01/98	TAW	2037 26 5	
4-Bromofluorobenzene (S)	98	%		07/01/98	TAW	460 00 4	
1,2 Dichloroethane d4 (S)	102	%		07/01/98	TAW	17060 07 0	

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702116 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBX-2-S Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC Semi-VOA							
PCBs in Soil, Low Level		Method: EPA 8080			Prep Method: EPA 3550		
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.03	07/03/98	SJW	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.03	07/03/98	SJW	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.03	07/03/98	SJW	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.03	07/03/98	SJW	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.03	07/03/98	SJW	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.03	07/03/98	SJW	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.03	07/03/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	101	%		07/03/98	SJW	877-09-8	
Decachlorobiphenyl (S)	100	%		07/03/98	SJW	2051-24-3	
Date Extracted				06/30/98			
GC/MS - VOA							
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/01/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/01/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/01/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/01/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/01/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/01/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/01/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/01/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/01/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/01/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/01/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/01/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/01/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/01/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/01/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/01/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/01/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/01/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/01/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/01/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/01/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/01/98	TAW	75-27-4	

Pace Project Number: 108155
Client Project ID: 980623.04

Pace Sample No: 10702116 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTNX-2-5 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/01/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/01/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/01/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/01/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/01/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/01/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/01/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/01/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/01/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/01/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/01/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/01/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/01/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/01/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/01/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/01/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/01/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/01/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/01/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/01/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/01/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/01/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/01/98	TAW	95-63-6	
tert-Butylbenzene	ND	ug/kg	5	07/01/98	TAW	135-98-8	
sec-Butylbenzene	ND	ug/kg	5	07/01/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/01/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/01/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/01/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/01/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/01/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/01/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/01/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/01/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/01/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/01/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/01/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/01/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/01/98	TAW	110-75-8	
Acetone	9.1	ug/kg	20	07/01/98	TAW	67-64-1	2,3,4
2-Butanone	ND	ug/kg	10	07/01/98	TAW	78-93-3	

Pace Project Number: 10815
Client Project ID: 98062)-04

Lab Sample No: 10702116 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBX-2-5 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/01/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/03/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/03/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/03/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/03/98	TAW	1634 04-4	
Ethanol	ND	ug/kg	500	07/03/98	TAW	64-17 5	
Isopropyl Ether	ND	ug/kg	5	07/03/98	TAW	108 20 3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/03/98	TAW	637 92-3	
Tert Amylmethyl ether	ND	ug/kg	5	07/03/98	TAW	994 05 8	
2 Methyl-2-propanol	ND	ug/kg	100	07/03/98	TAW	75 65 0	
Dibromofluoromethane (S)	94	%		07/03/98	TAW	1868 53 7	
Toluene d8 (S)	100	%		07/03/98	TAW	2037 26-5	
4-Bromofluorobenzene (S)	96	%		07/03/98	TAW	460 00-4	
1,2 Dichloroethane-d4 (S)	102	%		07/03/98	TAW	17060 07 0	

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702124 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TMS-2-SWR Date Received: 06/24/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC -- Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.03	07/01/98	SJW	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.03	07/01/98	SJW	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.03	07/01/98	SJW	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.03	07/01/98	SJW	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.03	07/01/98	SJW	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.03	07/01/98	SJW	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.03	07/01/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	93	%		07/01/98	SJW	877-09-8	
Decachlorobiphenyl (S)	84	%		07/01/98	SJW	2051-24-3	
Date Extracted				06/30/98			
GC/MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 5030	
Dichlorodifluoromethane	ND	ug/kg	5	07/03/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/03/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/03/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/03/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/03/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/03/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/03/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/03/98	TAW	75-35-4	
trans-1,2 Dichloroethene	ND	ug/kg	5	07/03/98	TAW	156-60-5	
1,1 Dichloroethane	ND	ug/kg	5	07/03/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/03/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/03/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/03/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/03/98	TAW	74-97-5	
1,1,1 Trichloroethane	ND	ug/kg	5	07/03/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/03/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/03/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/03/98	TAW	71-43-2	
1,2 Dichloroethane	ND	ug/kg	5	07/03/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/03/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/03/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/03/98	TAW	75-27-4	

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DATE: 07/09/98
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Pace Project Number: 108155
Client Project ID: 980631-04

Pace Sample No: 10702124 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTS8-2-5 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/03/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/03/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/03/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/03/98	TAW	127-18-4	
1,3 Dichloropropane	ND	ug/kg	5	07/03/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/03/98	TAW	124-48-1	
1,2 Dibromoethane	ND	ug/kg	5	07/03/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/03/98	TAW	108-90-7	
1,1,1,2 Tetrachloroethane	ND	ug/kg	5	07/03/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/03/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/03/98	TAW	7816-60-0	
O-Xylene (1,2 Dimethylbenzene)	ND	ug/kg	5	07/03/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/03/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/03/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/03/98	TAW	98-82-8	
1,1,2,2 Tetrachloroethane	ND	ug/kg	5	07/03/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/03/98	TAW	108-86-1	
1,2,3 Trichloropropane	ND	ug/kg	5	07/03/98	TAW	96-18-4	
n Propylbenzene	ND	ug/kg	5	07/03/98	TAW	103-65-1	
2 Chlorotoluene	ND	ug/kg	5	07/03/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/03/98	TAW	108-67-8	
Chlorotoluene	ND	ug/kg	5	07/03/98	TAW	106-43-4	
2,4-Trimethylbenzene	ND	ug/kg	5	07/03/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	98-06-6	
p Isopropyltoluene	ND	ug/kg	5	07/03/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/03/98	TAW	96-12-8	
1,2,4 Trichlorobenzene	ND	ug/kg	5	07/03/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/03/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/03/98	TAW	91-20-3	
1,2,3 Trichlorobenzene	ND	ug/kg	5	07/03/98	TAW	87-61-6	
trans 1,3 Dichloropropene	ND	ug/kg	5	07/03/98	TAW	10061-02-6	
cis 1,3 Dichloropropene	ND	ug/kg	5	07/03/98	TAW	10061-01-5	
2 Chloroethyl Vinyl Ether	ND	ug/kg	5	07/03/98	TAW	110-75-8	
Acetone	8.7	ug/kg	20	07/03/98	TAW	67-64-1	2,3,4
2 Butanone	ND	ug/kg	10	07/03/98	TAW	78-93-3	

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702124 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTHS-2-5 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/01/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/01/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/01/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/01/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/01/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/01/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/01/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/01/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/01/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/01/98	TAW	75-65-0	
Dibromofluoromethane (S)	92	%		07/01/98	TAW	1868-53-7	
Toluene-d8 (S)	102	%		07/01/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	96	%		07/01/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%		07/01/98	TAW	17060-07-0	

Pace Project Number: 108155
Client Project ID: 98062A-04

Pace Sample No: 10702142 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBH-2-1 Date Received: 06/24/98

Analyte	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8082			Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.01	07/03/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.01	07/03/98	SJW	11104-28-2	
PCB 1232 (Arochlor 1232)	ND	mg/kg	0.01	07/03/98	SJW	11141-16-5	
PCB 1242 (Arochlor 1242)	ND	mg/kg	0.01	07/03/98	SJW	53469-21-9	
PCB 1248 (Arochlor 1248)	ND	mg/kg	0.01	07/03/98	SJW	12672-29-6	
PCB 1254 (Arochlor 1254)	ND	mg/kg	0.01	07/03/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.01	07/03/98	SJW	11096-82-5	
Tetrachloro meta xylene (S)	96	%		07/03/98	SJW	877-09-8	
Decachlorobiphenyl (S)	98	%		07/03/98	SJW	2051-24-3	
Date Extracted				06/30/98			
GC/MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/01/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/01/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/01/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/01/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/01/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/01/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/01/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/01/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/01/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/01/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/01/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/01/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/01/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/01/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/01/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/01/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/01/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/01/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/01/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/01/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/01/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/01/98	TAW	75-27-4	

Pace Project Number: 108155
Client Project ID: 980621-04

Pace Sample No: 10702132 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TMW-2-3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/03/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/03/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/03/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/03/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/03/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/03/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/03/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/03/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/03/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/03/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/03/98	TAW	7816 60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/03/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/03/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/03/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/03/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/03/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/03/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/03/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/03/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/03/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/03/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/03/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/03/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/03/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	95-50-1	
1,2 Dibromo-3 Chloropropane	ND	ug/kg	5	07/03/98	TAW	96-12-8	
1,2,4 Trichlorobenzene	ND	ug/kg	5	07/03/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/03/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/03/98	TAW	91-20-3	
1,2,3 Trichlorobenzene	ND	ug/kg	5	07/03/98	TAW	87-61-6	
trans 1,3 Dichloropropene	ND	ug/kg	5	07/03/98	TAW	10061-02-6	
cis 1,3-Dichloropropene	ND	ug/kg	5	07/03/98	TAW	10061-01-5	
2 Chloroethyl Vinyl Ether	ND	ug/kg	5	07/03/98	TAW	110-75-8	
Acetone	9.1	ug/kg	20	07/03/98	TAW	67-64-1	2,3,4
2 Butanone	ND	ug/kg	10	07/03/98	TAW	78-93-3	

Pace Project Number: 108155
Client Project ID: 9H0621-04

Pace Sample No: 10702112 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTMS-2-3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/03/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/03/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/03/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/03/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/03/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/03/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/03/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/03/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/03/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/03/98	TAW	75-65-0	
Dibromofluoromethane (S)	92	%		07/03/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/03/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	94	%		07/03/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%		07/03/98	TAW	17060-07-0	

Pace Sample No: 10702140 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TP2-2 S Date Received: 06/24/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC -- Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.03	07/01/98	SJW	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.03	07/01/98	SJW	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.03	07/01/98	SJW	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.03	07/01/98	SJW	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.03	07/01/98	SJW	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.03	07/01/98	SJW	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.03	07/01/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	84	%		07/01/98	SJW	877-09-8	
Decachlorobiphenyl (S)	88	%		07/01/98	SJW	2051-24-3	
Date Extracted				06/30/98			
GC/MS - VOA							
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 5030	
Dichlorodifluoromethane	ND	ug/kg	5	07/03/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/03/98	TAW	74-87-3	
Vinyl chloride	ND	ug/kg	5	07/03/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/03/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/03/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/03/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/03/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/03/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/03/98	TAW	156-60-5	
1,1 Dichloroethane	ND	ug/kg	5	07/03/98	TAW	75-34-3	
2,2 Dichloropropane	ND	ug/kg	5	07/03/98	TAW	594-20-7	
cis-1,2 Dichloroethene	ND	ug/kg	5	07/03/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/03/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/03/98	TAW	74-97-5	
1,1,1 Trichloroethane	ND	ug/kg	5	07/03/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/03/98	TAW	56-23-5	
1,1 Dichloropropene	ND	ug/kg	5	07/03/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/03/98	TAW	71-43-2	
1,2 Dichloroethane	ND	ug/kg	5	07/03/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/03/98	TAW	79-01-6	
1,2 Dichloropropane	ND	ug/kg	5	07/03/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/03/98	TAW	75-27-4	

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702140 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBS-2-S Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/01/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/01/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/01/98	TAW	79-00-5	
Tetrachloromethane	ND	ug/kg	5	07/01/98	TAW	127-18-4	
1,1-Dichloropropene	ND	ug/kg	5	07/01/98	TAW	563-58-6	
Dibromochloromethane	ND	ug/kg	5	07/03/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/03/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/03/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/03/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/03/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/03/98	TAW	7216-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/03/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/03/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/03/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/03/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/03/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/03/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/03/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/03/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/03/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/03/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/03/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/03/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/03/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/03/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/03/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/03/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/03/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/03/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/03/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/03/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/03/98	TAW	110-75-8	
Acetone	9.2	ug/kg	20	07/03/98	TAW	67-64-1	2,3,4
2-Butanone	ND	ug/kg	10	07/03/98	TAW	78-93-3	

Pace Project Number: 108155
Client Project ID: 980621-04

Lab Sample No: 10702157 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID. TTNY-1-3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS - Semi-VOA							
Semivolatile Organics		Method: EPA 8270			Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/02/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/02/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/02/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/02/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/02/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/02/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/02/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/02/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/02/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/02/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/02/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/02/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/02/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/02/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/02/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/02/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/02/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/02/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/02/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/02/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/02/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/02/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/02/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/02/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/02/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/02/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/02/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/02/98	SAC	51-28-5	

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10902157 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTW-1-3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/02/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/02/98	SAC	132-64-9	
2,6 Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/02/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/02/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/02/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/02/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/02/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/02/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/02/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/02/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/02/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/02/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/02/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/02/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/02/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/02/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/02/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/02/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/02/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/02/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/02/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/02/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/02/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/02/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/02/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	80	%		07/02/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	80	%		07/02/98	SAC	321-60-8	
Terphenyl-d14 (S)	115	%		07/02/98	SAC	1718-51-0	
Phenol-d6 (S)	72	%		07/02/98	SAC	13127-88-3	
2-Fluorophenol (S)	60	%		07/02/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	98	%		07/02/98	SAC	118-79-6	
Date Extracted				06/30/98			

Pace Project Number: 10H155
Client Project ID: 980623-04

Lab Sample No: 10702165 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTHY-1-S Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS - Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/02/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/02/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/02/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/02/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/02/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/02/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/02/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/02/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/02/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/02/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/02/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/02/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/02/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/02/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/02/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/02/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/02/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/02/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/02/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/02/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/02/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/02/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/02/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/02/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/02/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/02/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/02/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/02/98	SAC	51-28-5	

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 1070216
Client Sample ID: TTHW-1-S

Date Collected: 06/19/98
Date Received: 06/24/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/02/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/02/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/02/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/02/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	100-01-6	
4,6-Dinitro-2-Methylphenol	ND	ug/kg	1600	07/02/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/02/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/02/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/02/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/02/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/02/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/02/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/02/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/02/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/02/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/02/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/02/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/02/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/02/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/02/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/02/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/02/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/02/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/02/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/02/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/02/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	78	%		07/02/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	80	%		07/02/98	SAC	321-60-8	
Terphenyl-d14 (S)	100	%		07/02/98	SAC	1718-51-0	
Phenol-d6 (S)	70	%		07/02/98	SAC	13127-88-3	
2-Fluorophenol (S)	56	%		07/02/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	48	%		07/02/98	SAC	118-79-6	
Date Extracted				06/30/98			

Page Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702173 Date Collected: 06/17/98 Matrix: Soil
Client Sample ID: TTMX-2-S Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC - Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8082				Prep Method: EPA 3550	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.04	07/01/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.04	07/01/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.04	07/01/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.04	07/01/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.04	07/01/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.04	07/01/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.04	07/01/98	SJW	11096-82-5	
Tetrachloro meta-xylene (S)	98	%		07/01/98	SJW	877-09-8	
Decachlorobiphenyl (S)	98	%		07/01/98	SJW	2051-24-3	
Date Extracted				06/30/98			
GC/MS VOA							
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 8260	
Dichlorodifluoromethane	ND	ug/kg	5	07/01/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/01/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/01/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/01/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/01/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/01/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/01/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/01/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/01/98	TAW	156-60-5	
1,1 Dichloroethane	ND	ug/kg	5	07/01/98	TAW	75-34-3	
2,2 Dichloropropane	ND	ug/kg	5	07/01/98	TAW	594-20-7	
cis 1,2-Dichloroethene	ND	ug/kg	5	07/01/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/01/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/01/98	TAW	74-97-5	
1,1,1 Trichloroethane	ND	ug/kg	5	07/01/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/01/98	TAW	56-23-5	
1,1 Dichloropropene	ND	ug/kg	5	07/01/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/01/98	TAW	71-43-2	
1,2 Dichloroethane	ND	ug/kg	5	07/01/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/01/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/01/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/01/98	TAW	75-27-4	

Pace Analytical

Pace Project Number: 100155
Client Project ID: 980623 04

Pace Sample No: 10702173 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTOX-2-S Date Received: 06/24/98

Analyte	Results	Units	PRL	Analyzed	Analyst	CAS #	Footnotes
Dibromomethane	ND	ug/kg	5	07/03/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/03/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/03/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/03/98	TAW	127-18-4	
1,3 Dichloropropane	ND	ug/kg	5	07/03/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/03/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/03/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/03/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/03/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/03/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/03/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/03/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/03/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/03/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/03/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/03/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/03/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/03/98	TAW	96-18-4	
n Propylbenzene	ND	ug/kg	5	07/03/98	TAW	103-65-1	
2 Chlorotoluene	ND	ug/kg	5	07/03/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/03/98	TAW	108-67-8	
4 Chlorotoluene	ND	ug/kg	5	07/03/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/03/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/03/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	104 51 8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	95 50 1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/03/98	TAW	96 12 8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/03/98	TAW	120 82 1	
Hexachlorobutadiene	ND	ug/kg	5	07/03/98	TAW	87 68 3	
Naphthalene	ND	ug/kg	5	07/03/98	TAW	91 20 3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/03/98	TAW	87 61 6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/03/98	TAW	10061 02 6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/03/98	TAW	10061 01 5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/03/98	TAW	110-75 8	
Acetone	9.6	ug/kg	20	07/03/98	TAW	67 64-1	2,3,4
2-Butanone	ND	ug/kg	10	07/03/98	TAW	78-93 3	

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702173 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBX-2-S Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/03/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/03/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/03/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/03/98	TAW	108-05-4	
Methyl tert-butyl Ether	ND	ug/kg	5	07/03/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/03/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/03/98	TAW	108-20-3	
Ethyl tert-butyl ether	ND	ug/kg	5	07/03/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/03/98	TAW	994-05-8	
2-Methyl-2 propanol	ND	ug/kg	100	07/03/98	TAW	75-65-0	
Dibromofluoromethane (S)	94	%		07/03/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/03/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	96	%		07/03/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%		07/03/98	TAW	17060-07-0	

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702180 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTWX-1-5 Date Received: 06/24/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/02/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/02/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/02/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/02/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/02/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/02/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/02/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/02/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/02/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/02/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/02/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/02/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/02/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/02/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/02/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/02/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/02/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/02/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/02/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/02/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/02/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/02/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/02/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/02/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/02/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/02/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/02/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/02/98	SAC	51-28-5	

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702181 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBX-1-5 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/02/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/02/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/02/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/02/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/02/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/02/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/02/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/02/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/02/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/02/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/02/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/02/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/02/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/02/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/02/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	110	07/02/98	SAC	56-55-3	
Chrysene	ND	ug/kg	110	07/02/98	SAC	218-01-9	
Bis(2-Ethylhexyl)phthalate	110	ug/kg	110	07/02/98	SAC	117-81-7	4
Di-n-octylphthalate	ND	ug/kg	110	07/02/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	110	07/02/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	110	07/02/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	110	07/02/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	110	07/02/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	110	07/02/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	110	07/02/98	SAC	191-24-2	
Nitrobenzene d5 (S)	65	%		07/02/98	SAC	4165-60-0	
2 Fluorobiphenyl (S)	69	%		07/02/98	SAC	321-60-8	
Terphenyl d14 (S)	104	%		07/02/98	SAC	1718-51-0	
Phenol d6 (S)	57	%		07/02/98	SAC	13127-88-3	
2 Fluorophenol (S)	54	%		07/02/98	SAC	367-12-4	
2,4,6 Tribromophenol (S)	79	%		07/02/98	SAC	118-79-6	
Date Extracted				06/30/98			

Pace Project Number: 10B155
Client Project ID: 980621-04

P... Sample No: 10702109 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBX-1-3 Date Received: 06/24/98

ameters	Results	Units	PQL	Analyzed	Analyst	CAS #	Footnotes
GC/MS -- Semi-VOA							
emivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/02/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/02/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/02/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/02/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/02/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/02/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/02/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/02/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/02/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/02/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/02/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/02/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/02/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/02/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/02/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/02/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/02/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/02/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/02/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/02/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/02/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/02/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/02/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/02/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/02/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/02/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/02/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/02/98	SAC	51-28-5	

Pace Sample No: 10702199 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBX-1-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/02/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/02/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/02/98	SAC	84-66-2	
4 Chlorophenyl phenylether	ND	ug/kg	330	07/02/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/02/98	SAC	86-73-7	
4 Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	100-01-6	
4,6 Dinitro 2 methylphenol	ND	ug/kg	1600	07/02/98	SAC	534-52 1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/02/98	SAC	86-30-6	
4-Bromophenyl phenylether	ND	ug/kg	330	07/02/98	SAC	101-55 3	
Hexachlorobenzene	ND	ug/kg	330	07/02/98	SAC	118-74 1	
Pentachlorophenol	ND	ug/kg	1600	07/02/98	SAC	87-86 5	
Phenanthrene	290	ug/kg	330	07/02/98	SAC	85-01-8	4
Anthracene	ND	ug/kg	330	07/02/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/02/98	SAC	84-74-2	
Fluoranthene	700	ug/kg	330	07/02/98	SAC	206-44-0	4
Pyrene	820	ug/kg	330	07/02/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/02/98	SAC	85-68-7	
3,3' Dichlorobenzidine	ND	ug/kg	660	07/02/98	SAC	91-94-1	
Benzo(a)anthracene	320	ug/kg	330	07/02/98	SAC	56-55-3	4
Chrysene	360	ug/kg	330	07/02/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/02/98	SAC	117-81-7	
di n octylphthalate	ND	ug/kg	330	07/02/98	SAC	117-84-0	
Benzo(b)fluoranthene	490	ug/kg	330	07/02/98	SAC	205-99-2	
Benzo(k)fluoranthene	270	ug/kg	330	07/02/98	SAC	207-08-9	4
Benzo(a)pyrene	370	ug/kg	330	07/02/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/02/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/02/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/02/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	20	%		07/02/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	78	%		07/02/98	SAC	321-60-8	
Terphenyl d14 (S)	128	%		07/02/98	SAC	1718-51-0	
Phenol-d6 (S)	74	%		07/02/98	SAC	13127-88 4	
2-Fluorophenol (S)	68	%		07/02/98	SAC	367-12 4	
2,4,6-Tribromophenol (S)	98	%		07/02/98	SAC	118-79-6	
Date Extracted				06/30/98			

Pace Project Number: 108155
Clients Project ID: 980623-04

Lab Sample No: 10702207 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBX-1-S Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics		Method: EPA 8270				Prep Method: EPA 3550	
Phenol	ND	ug/kg	330	07/02/98	SAC	108-95-2	
Bis(2-Chloroethyl)ether	ND	ug/kg	330	07/02/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/02/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/02/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/02/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/02/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/02/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/02/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/02/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/02/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/02/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/02/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/02/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/02/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/02/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/02/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/02/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/02/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/02/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/02/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/02/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/02/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/02/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/02/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/02/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/02/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/02/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/02/98	SAC	51-28-5	

Pace Analytical

DATE: 07/09/98
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Pace Project Number: 108145
Client Project ID: 980621-04

Pace Sample No: 10703207 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TWAX-1-5 Date Received: 06/24/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/02/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/02/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/02/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/02/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/02/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/02/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/02/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/02/98	SAC	87-86-5	
Phenanthrene	84	ug/kg	330	07/02/98	SAC	85-01-8	4
Anthracene	ND	ug/kg	330	07/02/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/02/98	SAC	84-74-2	
Fluoranthene	110	ug/kg	330	07/02/98	SAC	206-44-0	4
Pyrene	120	ug/kg	330	07/02/98	SAC	129-00-0	4
Butylbenzylphthalate	ND	ug/kg	330	07/02/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/02/98	SAC	91-94-1	
Benzo(a)anthracene	110	ug/kg	330	07/02/98	SAC	56-55-3	4
Chrysene	110	ug/kg	330	07/02/98	SAC	218-01-9	4
Bis(2-ethylhexyl)phthalate	ND	ug/kg	330	07/02/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/02/98	SAC	117-84-0	
Benzo(b)fluoranthene	130	ug/kg	330	07/02/98	SAC	205-99-2	4
Benzo(k)fluoranthene	ND	ug/kg	330	07/02/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/02/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/02/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/02/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/02/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	73	%		07/02/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	83	%		07/02/98	SAC	321-60-8	
Terphenyl-d14 (S)	133	%		07/02/98	SAC	1718-51-0	
Phenol-d6 (S)	70	%		07/02/98	SAC	13127-88-3	
2-Fluorophenol (S)	64	%		07/02/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	79	%		07/02/98	SAC	118-79-6	
Date Extracted				06/30/98			

Pace Project Number: 108155
Client Project ID: 980623 04

Pace Sample No: 10702215 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBZ-1-5 ul Date Received: 06/24/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	190	ug/kg	330	07/02/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/02/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/02/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/02/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/02/98	SAC	95-48-7	
bis(2 Chloroisopropyl)ether	ND	ug/kg	330	07/02/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/02/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/02/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/02/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/02/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/02/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/02/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/02/98	SAC	105-67-9	
Benzoic Acid	74	ug/kg	1600	07/02/98	SAC	65-85-0	4
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/02/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/02/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/02/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/02/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/02/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/02/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/02/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/02/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/02/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/02/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/02/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/02/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/02/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/02/98	SAC	51-28-5	

Pace Project Number: 108155
Client Project ID: 980621-04

Pace Sample No: 10702215 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TMW-1-5 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/02/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/02/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/02/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/02/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/02/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/02/98	SAC	86-30-6	
4 Bromophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/02/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/02/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/02/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/02/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/02/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/02/98	SAC	206-44-0	
Pyrene	87	ug/kg	330	07/02/98	SAC	129-00-0	4
Butylbenzylphthalate	ND	ug/kg	330	07/02/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/02/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/02/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/02/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	280	ug/kg	330	07/02/98	SAC	117-81-7	4
di-n-octylphthalate	ND	ug/kg	330	07/02/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/02/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/02/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/02/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/02/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/02/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/02/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	78	%		07/02/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	80	%		07/02/98	SAC	321-60-8	
Terphenyl-d14 (S)	230	%		07/02/98	SAC	1718-51-0	5
Phenol-d6 (S)	67	%		07/02/98	SAC	13127-88-3	
2-Fluorophenol (S)	66	%		07/02/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	87	%		07/02/98	SAC	118-79-6	
Date Extracted				06/30/98			

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702333 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBZ-1-3 Date Received: 06/24/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	100	ug/kg	330	07/02/98	SAC	108-95-2	4
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/02/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/02/98	SAC	95 57 8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	106 46 7	
Benzyl Alcohol	ND	ug/kg	660	07/02/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	95 50 1	
2-Methylphenol	ND	ug/kg	330	07/02/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/02/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/02/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/02/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/02/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/02/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/02/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/02/98	SAC	88 75 5	
2,4-Dimethylphenol	ND	ug/kg	330	07/02/98	SAC	105 67 9	
Benzoic Acid	ND	ug/kg	1600	07/02/98	SAC	65 85 0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/02/98	SAC	111-91 1	
2,4-Dichlorophenol	ND	ug/kg	330	07/02/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/02/98	SAC	120-82-1	
Naphthalene	72	ug/kg	330	07/02/98	SAC	91-20-3	4
4-Chloroaniline	ND	ug/kg	660	07/02/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/02/98	SAC	87-68-3	
4-Chloro 3 methylphenol	ND	ug/kg	660	07/02/98	SAC	59-50 7	
2-Methylnaphthalene	68	ug/kg	330	07/02/98	SAC	91 57 6	4
Hexachlorocyclopentadiene	ND	ug/kg	330	07/02/98	SAC	77-47-4	
2,4,6 Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	88-06-2	
2,4,5 Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	95-95-4	
2 Chloronaphthalene	ND	ug/kg	330	07/02/98	SAC	91-58-7	
2 Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/02/98	SAC	131-11 3	
Acenaphthylene	ND	ug/kg	330	07/02/98	SAC	208-96 8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	99-09-2	
Acenaphthene	470	ug/kg	330	07/02/98	SAC	83-32 9	
2,4 Dinitrophenol	ND	ug/kg	1600	07/02/98	SAC	51-28 5	

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Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702223 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBZ 1 3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/02/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/02/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/02/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	7005-72-3	
Fluorene	270	ug/kg	330	07/02/98	SAC	86-73-7	4
4-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/02/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/02/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/02/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/02/98	SAC	87-86-5	
Phenanthrene	2000	ug/kg	330	07/02/98	SAC	85-01-8	
Anthracene	490	ug/kg	330	07/02/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/02/98	SAC	84-74-2	
Fluoranthene	1100	ug/kg	330	07/02/98	SAC	206-44-0	
Pyrene	2800	ug/kg	1600	07/02/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/02/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/02/98	SAC	91-94-1	
Benzo(a)anthracene	830	ug/kg	330	07/02/98	SAC	56-55-3	
Chrysene	970	ug/kg	330	07/02/98	SAC	218-01-9	
Bis(2-ethylhexyl)phthalate	ND	ug/kg	330	07/02/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/02/98	SAC	117-84-0	
Benzo(b)fluoranthene	750	ug/kg	330	07/02/98	SAC	205-99-2	
Benzo(k)fluoranthene	530	ug/kg	330	07/02/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/02/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/02/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/02/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/02/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	79	%		07/02/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	90	%		07/02/98	SAC	321-60-8	
Terphenyl d14 (S)	256	%		07/02/98	SAC	1718-51-0	5
Phenol d6 (S)	72	%		07/02/98	SAC	13127-88-3	
2-Fluorophenol (S)	66	%		07/02/98	SAC	367-12-4	
2,4,6 Tribromophenol (S)	103	%		07/02/98	SAC	118-79-6	
Date Extracted				06/30/98			

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 1070231
Client Sample ID: TTHZ-1-5
Date Collected: 06/19/98
Date Received: 06/24/98
Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	85	ug/kg	330	07/02/98	SAC	108-95-2	4
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/02/98	SAC	111 44 4	
2-Chlorophenol	ND	ug/kg	330	07/02/98	SAC	95 57 8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	541 73 1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	106 46 7	
Benzyl Alcohol	ND	ug/kg	660	07/02/98	SAC	100 51 6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/02/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/02/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/02/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/02/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/02/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/02/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/02/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/02/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/02/98	SAC	105 67 9	
Benzoic Acid	77	ug/kg	1600	07/02/98	SAC	65 85 0	4
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/02/98	SAC	111-91 1	
2,4-Dichlorophenol	ND	ug/kg	330	07/02/98	SAC	120-83 2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/02/98	SAC	120-82-1	
Naphthalene	100	ug/kg	330	07/02/98	SAC	91-20-3	4
4-Chloroaniline	ND	ug/kg	660	07/02/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/02/98	SAC	87-68-3	
4-Chloro 3 methylphenol	ND	ug/kg	660	07/02/98	SAC	59 50 7	
2-Methylnaphthalene	ND	ug/kg	330	07/02/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/02/98	SAC	77-47-4	
2,4,6 Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	88-06-2	
2,4,5 Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/02/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/02/98	SAC	131-11 3	
Acenaphthylene	ND	ug/kg	330	07/02/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	606-20 2	
3 Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/02/98	SAC	83-32 9	
2,4 Dinitrophenol	ND	ug/kg	1600	07/02/98	SAC	51-28 5	

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702231 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBZ-1-S Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/02/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/02/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/02/98	SAC	84-66-2	
4-Chlorophenyl phenylether	ND	ug/kg	330	07/02/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/02/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/02/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/02/98	SAC	86-30-6	
4-Bromophenyl phenylether	ND	ug/kg	330	07/02/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/02/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/02/98	SAC	87-86-5	
Phenanthrene	170	ug/kg	330	07/02/98	SAC	85-01-8	4
Anthracene	ND	ug/kg	330	07/02/98	SAC	120-12-7	
Di n butylphthalate	ND	ug/kg	330	07/02/98	SAC	84-74-2	
Fluoranthene	190	ug/kg	330	07/02/98	SAC	206-44-0	4
Pyrene	1200	ug/kg	330	07/02/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/02/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/02/98	SAC	91-94-1	
Benzo(a)anthracene	310	ug/kg	330	07/02/98	SAC	56-55-3	4
Chrysene	380	ug/kg	330	07/02/98	SAC	218-01-9	4
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/02/98	SAC	117-81-7	
di-n-octylphthalate	ND	ug/kg	330	07/02/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/02/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/02/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/02/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/02/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/02/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/02/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	81	%		07/02/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	91	%		07/02/98	SAC	321-60-8	
Terphenyl-d14 (S)	272	%		07/02/98	SAC	1718-51-0	5
Phenol-d6 (S)	76	%		07/02/98	SAC	13127-88-3	
2-Fluorophenol (S)	68	%		07/02/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	101	%		07/02/98	SAC	118-79-6	
Date Extracted				06/30/98			

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702249 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTMW-1-S U.R Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	560	ug/kg	330	07/02/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/02/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/02/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/02/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/02/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/02/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/02/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/02/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/02/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/02/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/02/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/02/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/02/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/02/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/02/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/02/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/02/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/02/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/02/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/02/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/02/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/02/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/02/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/02/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/02/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/02/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/02/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/02/98	SAC	51-28-5	

Pace Project Number: 10015%
Client Project ID: 980624-04

Pace Sample No: 10702249 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBS-1-S Date Received: 06/24/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/02/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/02/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/02/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/02/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/02/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/02/98	SAC	86-30-6	
4-Bromophenyl phenylether	ND	ug/kg	330	07/02/98	SAC	101 55-3	
Hexachlorobenzene	ND	ug/kg	330	07/02/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/02/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/02/98	SAC	85 01-8	
Anthracene	ND	ug/kg	330	07/02/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/02/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/02/98	SAC	206-44-0	
Pyrene	220	ug/kg	330	07/02/98	SAC	129-00-0	4
Butylbenzylphthalate	ND	ug/kg	330	07/02/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/02/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/02/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/02/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/02/98	SAC	117-81-7	
di-n-octylphthalate	ND	ug/kg	330	07/02/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/02/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/02/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/02/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/02/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/02/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/02/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	70	%		07/02/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	81	%		07/02/98	SAC	321-60-8	
Terphenyl-d14 (S)	320	%		07/02/98	SAC	1718-51-0	5
Phenol-d6 (S)	71	%		07/02/98	SAC	13127-88-3	
2-Fluorophenol (S)	62	%		07/02/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	77	%		07/02/98	SAC	118-79-6	
Date Extracted				06/30/98			

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702256 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBS-1-3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS - Semi-VOA							
Semivolatile Organics		Method: EPA 8270			Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/02/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/02/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/02/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/02/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/02/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/02/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/02/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/02/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/02/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/02/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/02/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/02/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/02/98	SAC	105-67-9	
Benzoic Acid	90	ug/kg	1600	07/02/98	SAC	65-85-0	4
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/02/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/02/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/02/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/02/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/02/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/02/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/02/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/02/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/02/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/02/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/02/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/02/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/02/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/02/98	SAC	51-28-5	

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702256 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTB-1-3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/02/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/02/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	121-14-2	
Diethylphthalate	100	ug/kg	330	07/02/98	SAC	84-66-2	4
4-Chlorophenyl phenylether	ND	ug/kg	330	07/02/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/02/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/02/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/02/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/02/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/02/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/02/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/02/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/02/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/02/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/02/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/02/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/02/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/02/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/02/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/02/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/02/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/02/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/02/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/02/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/02/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/02/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/02/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	60	%		07/02/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	66	%		07/02/98	SAC	321-60-8	
Terphenyl d14 (S)	70	%		07/02/98	SAC	1718-51-0	
Phenol d6 (S)	60	%		07/02/98	SAC	13127-88-3	
2-Fluorophenol (S)	48	%		07/02/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	44	%		07/02/98	SAC	118-79-6	
Date Extracted				06/30/98			

Pace Project Number: 108155
Client Project ID: 980633-04

Pace Sample No: 10702264 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTDS-1-5 Date Received: 06/24/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/02/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/02/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/02/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/02/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/02/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/02/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/02/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/02/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/02/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/02/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/02/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/02/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/02/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/02/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/02/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/02/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/02/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/02/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/02/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/02/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/02/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/02/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/02/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/02/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/02/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/02/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	99-09-2	
Acenaphthene	110	ug/kg	330	07/02/98	SAC	83-32-9	4
2,4-Dinitrophenol	ND	ug/kg	1600	07/02/98	SAC	51-28-5	

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample NO: 10702264 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TMW-1-5 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CASN	Footnotes
4 Nitrophenol	ND	ug/kg	1600	07/02/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/02/98	SAC	132-64-9	
2,4 Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/02/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	7005-72-3	
Fluorene	88	ug/kg	330	07/02/98	SAC	86-73-7	4
4-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/02/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/02/98	SAC	86-30-6	
4 Bromophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/02/98	SAC	118 74-1	
Pentachlorophenol	ND	ug/kg	1600	07/02/98	SAC	87 86 5	
Phenanthrene	620	ug/kg	330	07/02/98	SAC	85 01 8	
Anthracene	150	ug/kg	330	07/02/98	SAC	120 12 7	4
Di-n-butylphthalate	ND	ug/kg	330	07/02/98	SAC	84-74-2	
Fluoranthene	460	ug/kg	330	07/02/98	SAC	206-44 0	
Pyrene	580	ug/kg	330	07/02/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/02/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/02/98	SAC	91-94-1	
Benzo(a)anthracene	250	ug/kg	330	07/02/98	SAC	56-55-3	4
Chrysene	270	ug/kg	330	07/02/98	SAC	218-01-9	4
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/02/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/02/98	SAC	117-84-0	
Benzo(b)fluoranthene	210	ug/kg	330	07/02/98	SAC	205-99-2	4
Benzo(k)fluoranthene	130	ug/kg	330	07/02/98	SAC	207-08-9	4
Benzo(a)pyrene	200	ug/kg	330	07/02/98	SAC	50-32-8	4
Indeno(1,2,3-cd)pyrene	73	ug/kg	330	07/02/98	SAC	193-39-5	4
Dibenz(a,h)anthracene	ND	ug/kg	330	07/02/98	SAC	53-70-3	
Benzo(g,h,i)perylene	70	ug/kg	330	07/02/98	SAC	191-24-2	4
Nitrobenzene-d5 (S)	67	%	%	07/02/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	68	%		07/02/98	SAC	321-60-8	
Terphenyl-d14 (S)	80	%		07/02/98	SAC	1718-51 0	
Phenol-d6 (S)	64	%		07/02/98	SAC	13127-88 3	
2-Fluorophenol (S)	60	%		07/02/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	61	%		07/02/98	SAC	118-79-6	
Date Extracted				06/30/98			

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702272 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTHW-1-5 Date Received: 06/24/98

Analyte	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS - Semi VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	210	ug/kg	330	07/02/98	SAC	108-95-2	4
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/02/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/02/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/02/98	SAC	100-51-6	
1,2 Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/02/98	SAC	95-48-7	
bis(2 Chloroisopropyl)ether	ND	ug/kg	330	07/02/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/02/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/02/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/02/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/02/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/02/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/02/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/02/98	SAC	105-67-9	
Benzoic Acid	92	ug/kg	1600	07/02/98	SAC	65-85-0	4
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/02/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/02/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/02/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/02/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/02/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/02/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/02/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/02/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/02/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/02/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/02/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/02/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/02/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/02/98	SAC	51-28-5	

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10702272 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTMW-1-5 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/02/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/02/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/02/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/02/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/02/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/02/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/02/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/02/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/02/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/02/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/02/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/02/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/02/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/02/98	SAC	85-68-7	
3,3' Dichlorobenzidine	ND	ug/kg	660	07/02/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/02/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/02/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/02/98	SAC	117-81-7	
di-n-octylphthalate	ND	ug/kg	330	07/02/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/02/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/02/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/02/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/02/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/02/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/02/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	60	%		07/02/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	65	%		07/02/98	SAC	321-60-8	
Terphenyl-d14 (S)	68	%		07/02/98	SAC	1718-51-0	
Phenol-d6 (S)	55	%		07/02/98	SAC	13127-88-3	
2-Fluorophenol (S)	47	%		07/02/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	50	%		07/02/98	SAC	118-79-6	
Date Extracted				06/30/98			

Pace Project Number: 10818S
Client Project ID: 980621-04

Pace Sample No: 10707628 Date Collected: 06/19/98 Matrix: Water
Client Sample ID: TTBX-2-W Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Semi-VOA							
PCB's in Water, Low Level		Method: EPA 8080				Prep Method: EPA 3510	
PCB-1016 (Arochlor 1016)	ND	ug/L	0.1	07/02/98	SDW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	ug/L	0.1	07/02/98	SDW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	ug/L	0.1	07/02/98	SDW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	ug/L	0.1	07/02/98	SDW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	ug/L	0.1	07/02/98	SDW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	ug/L	0.1	07/02/98	SDW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	ug/L	0.1	07/02/98	SDW	11096-82-5	
Tetrachloro-meta-xylene (S)	48	%		07/02/98	SDW	877-09-8	
Decachlorobiphenyl (S)	63	%		07/02/98	SDW	2051-24-3	
Date Extracted				06/29/98			
GC/MS -- Semi-VOA							
Semivolatile Organics		Method: EPA 8270				Prep Method: EPA 3520	
Phenol	ND	ug/L	10	07/02/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/L	10	07/02/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/L	10	07/02/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/L	10	07/02/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10	07/02/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/L	10	07/02/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/L	10	07/02/98	SAC	95-50-1	
2-Methylphenol	ND	ug/L	10	07/02/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/L	10	07/02/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/L	10	07/02/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/L	10	07/02/98	SAC	621-64-7	
Hexachloroethane	ND	ug/L	10	07/02/98	SAC	67-72-1	
Nitrobenzene	ND	ug/L	10	07/02/98	SAC	98-95-3	
Isophorone	ND	ug/L	10	07/02/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/L	10	07/02/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/L	10	07/02/98	SAC	105-67-9	
Benzoic Acid	ND	ug/L	52	07/02/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/L	10	07/02/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/L	10	07/02/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/L	10	07/02/98	SAC	120-82-1	
Naphthalene	ND	ug/L	10	07/02/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/L	10	07/02/98	SAC	106-47-8	

Pace Analytical

DATE: 07/09/98
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Pace Project Number: 108145
Client Project ID: 980621-04

Pace Sample No: 1070762H
Client Sample ID: TRUX-2-W
Date Collected: 06/19/98
Date Received: 06/26/98
Matrix: Water

Parameters	Results	Units	PRL	Analyzed	Analyst	CASN	Footnotes
Hexachlorobutadiene	ND	ug/L	10	07/02/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/L	10	07/02/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/L	10	07/02/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/L	10	07/02/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/L	10	07/02/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/L	52	07/02/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/L	10	07/02/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/L	52	07/02/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/L	10	07/02/98	SAC	131-11-3	
Acenaphthylene	ND	ug/L	10	07/02/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/L	10	07/02/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/L	52	07/02/98	SAC	99-09-2	
Acenaphthene	ND	ug/L	10	07/02/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/L	52	07/02/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/L	52	07/02/98	SAC	100-02-7	
Dibenzofuran	ND	ug/L	10	07/02/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/L	10	07/02/98	SAC	121-14-2	
Diethylphthalate	ND	ug/L	10	07/02/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/L	10	07/02/98	SAC	7005-72-3	
Fluorene	ND	ug/L	10	07/02/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/L	52	07/02/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/L	52	07/02/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/L	10	07/02/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/L	10	07/02/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/L	10	07/02/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/L	52	07/02/98	SAC	87-86-5	
Phenanthrene	ND	ug/L	10	07/02/98	SAC	85-01-8	
Anthracene	ND	ug/L	10	07/02/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/L	10	07/02/98	SAC	84-74-2	
Fluoranthene	ND	ug/L	10	07/02/98	SAC	206-44-0	
Pyrene	ND	ug/L	10	07/02/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/L	10	07/02/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/L	21	07/02/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/L	10	07/02/98	SAC	56-55-3	
Chrysene	ND	ug/L	10	07/02/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	1.1	ug/L	10	07/02/98	SAC	117-81-7	4
Di-n-octylphthalate	ND	ug/L	10	07/02/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/L	10	07/02/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	10	07/02/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/L	10	07/02/98	SAC	50-32-8	

Pace Project Number: 10A155
Client Project ID: 980633-04

Pace Sample No: 10707628 Date Collected: 06/19/98 Matrix: Water
Client Sample ID: TTHX-2-W Date Received: 06/26/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	07/02/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/L	10	07/02/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/L	10	07/02/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	64	%		07/02/98	SAC	4165 60-0	
2-Fluorobiphenyl (S)	64	%		07/02/98	SAC	321-60-8	
Terphenyl-d14 (S)	69	%		07/02/98	SAC	1718-51-0	
Phenol-d6 (S)	57	%		07/02/98	SAC	13127-88 3	
2-Fluorophenol (S)	60	%		07/02/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	79	%		07/02/98	SAC	118-79-6	
Date Extracted				06/29/98			

Pace Project Number: 108155
Client Project ID: 980623-04

Pace Sample No: 10711156 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTDY-1-S Date Received: 06/26/98

Analyte	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS - Semi-VOA							
Semivolatile Organics		Method: EPA 8270				Prep Method: EPA 3550	
Phenol	ND	ug/kg	330	07/07/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/07/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/07/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/07/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/07/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/07/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/07/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/07/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/07/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/07/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/07/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/07/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/07/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/07/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/07/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/07/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/07/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/07/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/07/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/07/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/07/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/07/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/07/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/07/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/07/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/07/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/07/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/07/98	SAC	51-28-5	

Pace Project Number: 10815
Client Project ID: 980621-04

Pace Sample No: 10911356 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TPBY 1 S Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/07/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/07/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/07/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/07/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/07/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/07/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/07/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/07/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/07/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/07/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/07/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/07/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/07/98	SAC	129-00-0	
Butylbenzylphthalate	140	ug/kg	330	07/07/98	SAC	85-68-7	4
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/07/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/07/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/07/98	SAC	218-01-9	
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/07/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/07/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/07/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/07/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/07/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/07/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/07/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/07/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	87	%		07/07/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	90	%		07/07/98	SAC	321-60-8	
Terphenyl-d14 (S)	120	%		07/07/98	SAC	1718-51-0	
Phenol-d6 (S)	82	%		07/07/98	SAC	13127-88-3	
2-Fluorophenol (S)	72	%		07/07/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	93	%		07/07/98	SAC	118-79-6	
Date Extracted				07/02/98			

Pace Project Number: 108155
Client Project ID: 980621-04

PARAMETER FOOTNOTES

Not Detected
Not Calculable
Pace Reporting Limit
(S) Surrogate

Common laboratory contaminant.
Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
Detected but below the PRL; therefore, result is an estimated concentration (CLP J Flag).
The surrogate recovery was outside QC acceptance limits due to matrix interference.

...e Analytical Long Beach SC
...60 Gilman Street
...g Beach, CA 90815

Pace Project Number: 108155
Client Project ID: 980623-04

...tn: Mr. Richard Villafania
...ne: (562)498-9515

...C Batch ID: 13907
Analysis Method: EPA 8270
...ociated Pace Samples: 10707628

QC Batch Method: EPA 3520
Analysis Description: Semivolatile Organics

...OD BLANK: 10708352
Associated Pace Samples:
10707628

...ameter	Units	Method Blank Result	PRL	Footnotes
...nol	ug/L	ND	10	
...(2-Chloroethyl)ether	ug/L	ND	10	
...hlorophenol	ug/L	ND	10	
...-Dichlorobenzene	ug/L	ND	10	
...4-Dichlorobenzene	ug/L	ND	10	
...-Alcohol	ug/L	ND	10	
...lchlorobenzene	ug/L	ND	10	
...ethylphenol	ug/L	ND	10	
...(2-Chloroisopropyl)ether	ug/L	ND	10	
...Methylphenol	ug/L	ND	10	
...Nitroso-di-n-propylamine	ug/L	ND	10	
...achloroethane	ug/L	ND	10	
N...robenzene	ug/L	ND	10	
I...ophorone	ug/L	ND	10	
...Nitrophenol	ug/L	ND	10	
...,4-Dimethylphenol	ug/L	ND	10	
...zoic Acid	ug/L	ND	50	
...(2-Chloroethoxy)methane	ug/L	ND	10	
2,...-Dichlorophenol	ug/L	ND	10	
...,4-Trichlorobenzene	ug/L	ND	10	
...thalene	ug/L	ND	10	
...hloroaniline	ug/L	ND	10	
H...achlorobutadiene	ug/L	ND	10	
4-Chloro-3-methylphenol	ug/L	ND	10	
...Methylnaphthalene	ug/L	ND	10	

QUALITY CONTROL DATA

Pace Project Number: 108155
Client Project ID: 980623-04

METHOD BLANK: 10708352
Associated Pace Samples:
10707628

Parameter	Units	Method Blank Result	PRL	Footnotes
achlorocyclopentadiene	ug/L	ND	10	
6-Trichlorophenol	ug/L	ND	10	
5-Trichlorophenol	ug/L	ND	50	
Chloronaphthalene	ug/L	ND	10	
Nitroaniline	ug/L	ND	50	
ethylphthalate	ug/L	ND	10	
naphthylene	ug/L	ND	10	
6-Dinitrotoluene	ug/L	ND	10	
Nitroaniline	ug/L	ND	50	
naphthene	ug/L	ND	10	
-Dinitrophenol	ug/L	ND	50	
itrophenol	ug/L	ND	50	
ibenzofuran	ug/L	ND	10	
-Dinitrotoluene	ug/L	ND	10	
thylphthalate	ug/L	ND	10	
hlorophenyl-phenylether	ug/L	ND	10	
orene	ug/L	ND	10	
-Nitroaniline	ug/L	ND	50	
Dinitro-2-methylphenol	ug/L	ND	50	
rosodiphenylamine	ug/L	ND	10	
omophenyl-phenylether	ug/L	ND	10	
achlorobenzene	ug/L	ND	10	
ntachlorophenol	ug/L	ND	50	
nanthrene	ug/L	ND	10	
hracene	ug/L	ND	10	
n-butylphthalate	ug/L	ND	10	
uoranthene	ug/L	ND	10	
ne	ug/L	ND	10	
ylbenzylphthalate	ug/L	ND	10	
'-Dichlorobenzidine	ug/L	ND	20	
zo(a)anthracene	ug/L	ND	10	
ysene	ug/L	ND	10	
(2-Ethylhexyl)phthalate	ug/L	ND	10	
n-octylphthalate	ug/L	ND	10	
zo(b)fluoranthene	ug/L	ND	10	
zo(k)fluoranthene	ug/L	ND	10	
zo(a)pyrene	ug/L	ND	10	
eno(1,2,3-cd)pyrene	ug/L	ND	10	

QUALITY CONTROL DATA

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Pace Project Number: 108155
Client Project ID: 980623-04

LABORATORY CONTROL SAMPLE & LCSD: 107088160 107088178

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Nitrobenzene-d5 (S)				67		69		
2-Fluorobiphenyl (S)				64		73		
Terphenyl-d14 (S)				75		80		
Phenol-d6 (S)				65		65		
2-Fluorophenol (S)				62		61		
2,4,6-Tribromophenol (S)				81		86		

Pace Analytical Long Beach SC
1960 Gilman Street
Long Beach, CA 90815

Pace Project Number: 1081S5
Client Project ID: 980623 04

Attn: Mr. Richard Villafania
Phone: (562)498-9515

QC Batch ID: 13910
Analysis Method: EPA 8080
Associated Pace Samples: 10707628

QC Batch Method: EPA 3510
Analysis Description: PCB's in Water, Low Level

METHOD BLANK: 10708444
Associated Pace Samples:
10707628

Parameter	Units	Method Blank Result	PRL	Footnotes
PCB 1016 (Arochlor 1016)	ug/L	ND	0.1	
PCB 1221 (Arochlor 1221)	ug/L	ND	0.1	
PCB 1232 (Arochlor 1232)	ug/L	ND	0.1	
PCB 1242 (Arochlor 1242)	ug/L	ND	0.1	
PCB 1248 (Arochlor 1248)	ug/L	ND	0.1	
PCB 1254 (Arochlor 1254)	ug/L	ND	0.1	
PCB 1260 (Arochlor 1260)	ug/L	ND	0.1	
Trichloro-meta-xylene (S)	%	11		4
Decachlorobiphenyl (S)	%	13		4

LABORATORY CONTROL SAMPLE & LCSD: 10708451 10708469

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
PCB 1016 (Arochlor 1016)	ug/L	1.0	0.6961	69.6	0.7461	74.6	7	
PCB-1260 (Arochlor 1260)	ug/L	1.0	0.6081	60.8	0.7016	70.2	14	
Trichloro-meta-xylene (S)				33		44		
Decachlorobiphenyl (S)				62		76		

Pace Analytical

QUALITY CONTROL DATA

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Pace Analytical Long Beach BC
3960 Gilman Street
Long Beach, CA 90815

Pace Project Number: 108155
Client Project ID: 980621 04

Attn: Mr. Richard Villafania
Phone: (562)490-9511

QC Batch ID: 14913
Analysis Method: EPA 8270
Associated Pace Samples: 10702157 10702165 10702181 10702199 10702207 10702215 10702223 10702231 10702249 10702256 10702264 10702272

QC Batch Method: EPA 3550
Analysis Description: Semivolatile Organics

METHOD BLANK: 10709996
Associated Pace Samples: 10702157 10702165 10702181 10702199 10702207 10702215 10702231 10702249 10702256 10702264 10702272

Parameter	Units	Method Blank Result	PRL	Footnotes
Phenol	ug/kg	ND	330	
bis(2-Chloroethyl)ether	ug/kg	ND	330	
2-Chlorophenol	ug/kg	ND	330	
1,3-Dichlorobenzene	ug/kg	ND	330	
1,4-Dichlorobenzene	ug/kg	ND	330	
Benzyl Alcohol	ug/kg	ND	660	
1,2-Dichlorobenzene	ug/kg	ND	330	
2-Methylphenol	ug/kg	ND	330	
bis(2-Chloroisopropyl)ether	ug/kg	ND	330	
4-Methylphenol	ug/kg	ND	330	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	
Hexachloroethane	ug/kg	ND	330	
Nitrobenzene	ug/kg	ND	330	
Isophorone	ug/kg	ND	330	
2-Nitrophenol	ug/kg	ND	330	
2,4-Dimethylphenol	ug/kg	ND	330	
Benzoic Acid	ug/kg	ND	1600	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	
2,4-Dichlorophenol	ug/kg	ND	330	
1,2,4-Trichlorobenzene	ug/kg	ND	330	
Naphthalene	ug/kg	ND	330	
4-Chloroaniline	ug/kg	ND	660	

METHOD BLANK: 10709996
Associated Pace Samples:

10702179 10702189 10702181 10702199 10702207 10702215 10702223
10702231 10702249 10702256 10702264 10702272

Parameter	Units	Method Blank Result	PRL	Footnotes
Hexachlorobutadiene	ug/kg	ND	330	
4-Chloro-3-methylphenol	ug/kg	ND	660	
2-Methylnaphthalene	ug/kg	ND	330	
Hexachlorocyclopentadiene	ug/kg	ND	330	
2,4,6-Trichlorophenol	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2-Chloronaphthalene	ug/kg	ND	330	
2-Nitroaniline	ug/kg	ND	1600	
Dimethylphthalate	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
3-Nitroaniline	ug/kg	ND	1600	
Acenaphthene	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1600	
4-Nitrophenol	ug/kg	ND	1600	
Dibenzofuran	ug/kg	ND	330	
2,4-Dinitrotoluene	ug/kg	ND	330	
Diethylphthalate	ug/kg	ND	330	
4-Chlorophenyl phenylether	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
4-Nitroaniline	ug/kg	ND	1600	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1600	
N-Nitrosodiphenylamine	ug/kg	ND	330	
4-Bromophenyl phenylether	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1600	
Phenanthrene	ug/kg	ND	330	
Anthracene	ug/kg	ND	330	
Di-n-butylphthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	
Butylbenzylphthalate	ug/kg	ND	330	
3,3'-Dichlorobenzidine	ug/kg	ND	660	
Benzo(a)anthracene	ug/kg	ND	330	
Chrysene	ug/kg	ND	330	
Bis(2-ethylhexyl)phthalate	ug/kg	ND	330	
Di-n-octylphthalate	ug/kg	ND	330	

METHOD BLANK: 10709996
Associated Pace Samples:

10703157 10702165 10702181 10702199 10702207 10702215 10702223
10703231 10702249 10702256 10703264 10702272

Parameter	Units	Method Blank Result	PRL	Footnotes
Benzo(b)fluoranthene	ug/kg	ND	330	
Benzo(k)fluoranthene	ug/kg	ND	330	
Benzo(a)pyrene	ug/kg	ND	330	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	
Dibenz(a,h)anthracene	ug/kg	ND	330	
Benzo(g,h,i)perylene	ug/kg	ND	330	
Nitrobenzene-d5 (S)	%	69		
2-Fluorobiphenyl (S)	%	74		
Terphenyl-d14 (S)	%	90		
Phenol-d6 (S)	%	73		
2-Fluorophenol (S)	%	69		
2,4,6-Tribromophenol (S)	%	76		

LABORATORY CONTROL SAMPLE & LCSD: 10710982 10710010

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Phenol	ug/kg	2500	1247	49.9	1307	52.3	5	
2-Chlorophenol	ug/kg	2500	1200	48.0	1240	49.6	3	
1,4-Dichlorobenzene	ug/kg	1667	1163	69.8	1200	72.0	3	
N-Nitroso-di-n-propylamine	ug/kg	1667	1227	73.6	1277	76.6	4	
1,2,4-Trichlorobenzene	ug/kg	1667	1110	66.6	1140	68.4	3	
4-Chloro-3-methylphenol	ug/kg	2500	1293	51.7	1437	57.5	11	
Acenaphthene	ug/kg	1667	1190	71.4	1297	77.8	9	
4-Nitrophenol	ug/kg	2500	1157	46.3	1367	54.9	15	
2,4-Dinitrotoluene	ug/kg	1667	1257	75.4	1400	84.0	11	
Pentachlorophenol	ug/kg	2500	890.0	35.6	996.7	39.9	11	
Pyrene	ug/kg	1667	1343	80.6	1493	89.6	11	
Nitrobenzene-d5 (S)				76		81		
2-Fluorobiphenyl (S)				80		81		
Terphenyl-d14 (S)				92		101		

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...50 Gilman Street
Long Beach, CA 90813

...cn: Mr. Richard Villalania
Phone: (562)498-9515

Pace Project Number: 10H155
Client Project ID: 980623-04

... Batch ID: 13918
...alysis Method: EPA 8080
...sociated Pace Samples: 10702108, 10702116, 10702124, 10702132, 10702140, 10702173

QC Batch Method: EPA 3550
Analysis Description: PCB's in Soil, Low Level

METHOD BLANK: 10710141
Associated Pace Samples: 10702108, 10702116, 10702124, 10702132, 10702140, 10702173

...ameter	Units	Method Blank Result	PRL	Footnotes
...(3-1016 (Arochlor 1016)	mg/kg	ND	0.03	
...(3-1221 (Arochlor 1221)	mg/kg	ND	0.03	
...(3-1232 (Arochlor 1232)	mg/kg	ND	0.03	
...-1242 (Arochlor 1242)	mg/kg	ND	0.03	
PCB-1248 (Arochlor 1248)	mg/kg	ND	0.03	
...B-1254 (Arochlor 1254)	mg/kg	ND	0.03	
...hy260 (Arochlor 1260)	mg/kg	ND	0.03	
2-Archloro-meta-xylene (S)	%	107		
...achlorobiphenyl (S)	%	123		

...ORATORY CONTROL SAMPLE & LCSD: 10710150 10710160

...ameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
...B-1016 (Arochlor 1016)	mg/kg	0.33	0.3366	101	0.4097	121	20	
...(3-1260 (Arochlor 1260)	mg/kg	0.33	0.3084	92.5	0.3713	111	18	
...rachloro-meta-xylene (S)				100		125		
...achlorobiphenyl (S)				100		111		

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Pace Project Number: 108155
Client Project ID: 980623-04

METHOD BLANK: 10714384
Associated Pace Samples:
10711156

Parameter	Units	Method Blank Result	PRL	Footnotes
Hexachlorocyclopentadiene	ug/kg	ND	330	
2,4,6-Trichlorophenol	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2-Chloronaphthalene	ug/kg	ND	330	
2-Nitroaniline	ug/kg	ND	1600	
Dimethylphthalate	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
3-Nitroaniline	ug/kg	ND	1600	
Acenaphthene	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1600	
4-Nitrophenol	ug/kg	ND	1600	
Dibenzofuran	ug/kg	ND	330	
2,4-Dinitrotoluene	ug/kg	ND	330	
Diethylphthalate	ug/kg	ND	330	
4-Chlorophenyl-phenylether	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
4-Nitroaniline	ug/kg	ND	1600	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1600	
N-Nitrosodiphenylamine	ug/kg	ND	330	
4-Bromophenyl phenylether	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1600	
Phenanthrene	ug/kg	ND	330	
Anthracene	ug/kg	ND	330	
Di-n-butylphthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	
Butylbenzylphthalate	ug/kg	ND	330	
3,3'-Dichlorobenzidine	ug/kg	ND	660	
Benzo(a)anthracene	ug/kg	ND	330	
Chrysene	ug/kg	ND	330	
Bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	
Di-n-octylphthalate	ug/kg	ND	330	
Benzo(b)fluoranthene	ug/kg	ND	330	
Benzo(k)fluoranthene	ug/kg	ND	330	
Benzo(a)pyrene	ug/kg	ND	330	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	

METHOD BLANK: 10714384
Associated Pace Samples:
10711356

Parameter	Units	Method Blank Result	PRL	Footnotes
Benz(a,h)anthracene	ug/kg	ND	330	
Benzo(g,h,i)perylene	ug/kg	ND	330	
Nitrobenzene-d5 (S)	%	92		
2-Fluorobiphenyl (S)	%	95		
Terphenyl-d14 (S)	%	108		
Phenol-d6 (S)	%	81		
2-Fluorophenol (S)	%	71		
2,4,6-Tribromophenol (S)	%	88		

LABORATORY CONTROL SAMPLE & LCSD: 10714392 10714400

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Phenol	ug/kg	1667	1027	61.6	1180	70.8	14	
2-Chlorophenol	ug/kg	1667	1183	71.0	1297	77.8	9	
1,4-Dichlorobenzene	ug/kg	1667	1240	74.4	1260	75.6	2	
N-Nitroso-di-n-propylamine	ug/kg	1667	1133	68.0	1260	75.6	11	
1,2,4-Trichlorobenzene	ug/kg	1667	1037	62.2	1107	66.4	7	
4-Chloro-3-methylphenol	ug/kg	1667	1010	61.8	1171	70.4	13	
Acenaphthene	ug/kg	1667	1297	77.8	1380	82.8	6	
4-Nitrophenol	ug/kg	1667	526.7	31.6	646.7	38.8	20	1,1
2,4-Dinitrotoluene	ug/kg	1667	1187	71.2	1310	78.6	10	
Pentachlorophenol	ug/kg	1667	646.7	38.8	696.7	41.8	7	1,1
Pyrene	ug/kg	1667	1180	70.8	1167	70.0	1	
Nitrobenzene-d5 (S)				84		94		
2-Fluorobiphenyl (S)				91		97		
Terphenyl-d14 (S)				86		86		

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e Analytical Long Beach SC
2800 Gilman Street
Long Beach, CA 90813

Pace Project Number: 108155
Client Project ID: 980623-04

ntn: Mr. Richard Villafania
Phone: (562)498-9515

Batch ID: 14111
alysis Method: EPA 8260
Associated Pace Samples:

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260
10702108 10702116 10702124 10702132 10702140
10702173

THOD BLANK: 10719714
Associated Pace Samples:

10702108 10702116 10702124 10702132 10702140 10702173

ameter	Units	Method Blank Result	PRL	Footnotes
chlorodifluoromethane	ug/kg	ND	5	
loromethane	ug/kg	ND	5	
yl Chloride	ug/kg	ND	5	
omomethane	ug/kg	ND	5	
Chloroethane	ug/kg	ND	5	
chlorofluoromethane	ug/kg	ND	5	
lene Chloride	ug/kg	ND	5	
-Dichloroethene	ug/kg	ND	5	
ans-1,2-Dichloroethane	ug/kg	ND	5	
1 Dichloroethane	ug/kg	ND	5	
2-Dichloropropane	ug/kg	ND	5	
s-1,2-Dichloroethene	ug/kg	ND	5	
loroform	ug/kg	ND	5	
romochloromethane	ug/kg	ND	5	
1,1 Trichloroethane	ug/kg	ND	5	
rbon Tetrachloride	ug/kg	ND	5	
2-Dichloropropane	ug/kg	ND	5	
nene	ug/kg	ND	5	
,2 Dichloroethane	ug/kg	ND	5	
ichloroethene	ug/kg	ND	5	
2-Dichloropropane	ug/kg	ND	5	
modichloromethane	ug/kg	ND	5	
romomethane	ug/kg	ND	5	
Toluene	ug/kg	ND	5	

METHOD BLANK: 10719714
Associated Pace Samples:

		10702108	10702116	10702124	10702132	10702140	10702173
Parameter	Units	Method Blank Result	PQL	Footnotes			
1,2-Trichloroethane	ug/kg	ND	5				
Tetrachloroethene	ug/kg	ND	5				
1,3-Dichloropropane	ug/kg	ND	5				
Dibromochloromethane	ug/kg	ND	5				
1,2-Dibromoethane	ug/kg	ND	5				
Chlorobenzene	ug/kg	ND	5				
1,1,1,2-Tetrachloroethane	ug/kg	ND	5				
Ethylbenzene	ug/kg	ND	5				
M&P-Xylene	ug/kg	ND	5				
O-Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5				
Styrene	ug/kg	ND	5				
Bromoform	ug/kg	ND	5				
Isopropylbenzene (Cumene)	ug/kg	ND	5				
1,1,2,2-Tetrachloroethane	ug/kg	ND	5				
Bromobenzene	ug/kg	ND	5				
1,2,3-Trichloropropane	ug/kg	ND	5				
n-Propylbenzene	ug/kg	ND	5				
2-Chlorotoluene	ug/kg	ND	5				
1,3,5-Trimethylbenzene	ug/kg	ND	5				
4-Chlorotoluene	ug/kg	ND	5				
tert-Butylbenzene	ug/kg	ND	5				
1,2,4-Trimethylbenzene	ug/kg	ND	5				
sec-Butylbenzene	ug/kg	ND	5				
4-Isopropyltoluene	ug/kg	ND	5				
1,3-Dichlorobenzene	ug/kg	ND	5				
1,4-Dichlorobenzene	ug/kg	ND	5				
n-Butylbenzene	ug/kg	ND	5				
1,2 Dichlorobenzene	ug/kg	ND	5				
1,2 Dibromo-3-Chloropropane	ug/kg	ND	5				
1,2,4 Trichlorobenzene	ug/kg	ND	5				
Hexachlorobutadiene	ug/kg	ND	5				
Naphthalene	ug/kg	ND	5				
1,2,3-Trichlorobenzene	ug/kg	ND	5				
trans 1,3 Dichloropropene	ug/kg	ND	5				
cis 1,3 Dichloropropene	ug/kg	ND	5				
2-Chloroethyl Vinyl Ether	ug/kg	ND	5				
Acetone	ug/kg	12	20	7,4			
2 Butanone	ug/kg	ND	10				

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Pace Project Number: 108155
Client Project ID: 980623-04

METHOD BLANK: 10719714
Associated Pace Samples:

10702108 10702116 10702124 10702132 10702140 10702173

Parameter	Units	Method Blank Result	PRL	Footnotes
4-Methyl-2-Pentanone	ug/kg	ND	10	
Carbon Disulfide	ug/kg	ND	10	
2-Hexanone	ug/kg	ND	100	
Vinyl Acetate	ug/kg	ND	100	
Methyl-tert-butyl Ether	ug/kg	ND	5	
Methanol	ug/kg	ND	500	
Isopropyl Ether	ug/kg	ND	5	
Ethyl-tert-butyl ether	ug/kg	ND	5	
tert-Amylmethyl ether	ug/kg	ND	5	
1,4-Methyl-2-propanol	ug/kg	ND	100	
Bromofluoromethane (S)	%	94		
Toluene-d8 (S)	%	100		
Bromofluorobenzene (S)	%	98		
1,2-Dichloroethane-d4 (S)	%	106		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10719740 10719748

Parameter	Units	10703512	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Dichlorodifluoromethane	ug/kg	0	50	92.00	184	90.00	180	2	
Chloromethane	ug/kg	0	50	55.00	110	52.00	104	6	
Vinyl Chloride	ug/kg	0	50	65.00	130	67.00	134	3	
Bromomethane	ug/kg	0	50	64.00	128	64.00	128	17	
Chloroethane	ug/kg	0	50	66.00	132	66.00	132	0	
Trichlorofluoromethane	ug/kg	0	50	60.00	120	59.00	118	2	
Methylene Chloride	ug/kg	0	50	45.00	90.0	41.00	86.0	5	
1,1 Dichloroethene	ug/kg	0	50	54.00	108	52.00	104	4	
Trans 1,2 Dichloroethene	ug/kg	0	50	49.00	98.0	48.00	96.0	2	
1,1 Dichloroethane	ug/kg	0	50	52.00	104	51.00	107	2	
2,2 Dichloropropane	ug/kg	0	50	45.00	90.0	42.00	84.0	7	
Cis 1,2 Dichloroethene	ug/kg	0	50	45.00	90.0	43.00	86.0	5	
Chloroform	ug/kg	0	50	46.00	92.0	45.00	90.0	2	
Bromochloromethane	ug/kg	0	50	44.00	88.0	42.00	84.0	5	
1,1,1-Trichloroethane	ug/kg	0	50	48.00	96.0	47.00	94.0	2	
Carbon Tetrachloride	ug/kg	0	50	45.00	90.0	45.00	90.0	0	
1,2-Dichloropropane	ug/kg	0	50	49.00	98.0	48.00	96.0	2	
Benzene	ug/kg	0	50	45.00	90.0	44.00	88.0	2	

QUALITY CONTROL DATA

Pace Project Number: 108155
Client Project ID: 980623-04

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10710740 10710748

Parameter	Units	10702512	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
1-Dichloroethane	ug/kg	0	50	46.00	92.0	44.00	88.0	5	
Chloroethane	ug/kg	0	50	47.00	94.0	48.00	96.0	2	
1,2-Dichloropropane	ug/kg	0	50	47.00	94.0	46.00	92.0	2	
Bromodichloromethane	ug/kg	0	50	44.00	88.0	42.00	84.0	5	
Bromomethane	ug/kg	0	50	43.00	86.0	41.00	82.0	5	
Toluene	ug/kg	0	50	38.00	76.0	38.00	76.0	0	
1,1,2-Trichloroethane	ug/kg	0	50	44.00	88.0	42.00	84.0	5	
Tetrachloroethene	ug/kg	0	50	35.00	70.0	36.00	72.0	1	
3-Dichloropropane	ug/kg	0	50	42.00	84.0	40.00	80.0	5	
Dibromochloromethane	ug/kg	0	50	38.00	76.0	36.00	72.0	5	
2-Dibromoethane	ug/kg	0	50	37.00	74.0	36.00	72.0	1	
Chlorobenzene	ug/kg	0	50	31.00	62.0	32.00	64.0	3	
1,1,1,2-Tetrachloroethane	ug/kg	0	50	38.00	76.0	38.00	76.0	0	
Ethylbenzene	ug/kg	0	50	33.00	66.0	34.00	68.0	3	
m,p-Xylene	ug/kg	0	100	61.00	61.0	63.00	63.0	3	
o-Xylene (1,2-Dimethylbenzene)	ug/kg	0	50	30.00	60.0	32.00	64.0	6	
Styrene	ug/kg	0	50	26.00	52.0	27.00	54.0	4	
Bromoform	ug/kg	0	50	35.00	70.0	34.00	68.0	3	
Isopropylbenzene (Cumene)	ug/kg	0	50	28.00	56.0	30.00	60.0	7	
1,1,2,2-Tetrachloroethane	ug/kg	0	50	31.00	62.0	28.00	56.0	10	
Bromobenzene	ug/kg	0	50	27.00	54.0	27.00	54.0	0	
1,2,3-Trichloropropane	ug/kg	0	50	39.00	78.0	37.00	74.0	5	
n-Propylbenzene	ug/kg	0	50	24.00	48.0	26.00	52.0	8	
2-Chlorotoluene	ug/kg	0	50	25.00	50.0	27.00	54.0	8	
1,3,5-Trimethylbenzene	ug/kg	0	50	23.00	46.0	25.00	50.0	8	
4-Chlorotoluene	ug/kg	0	50	22.00	44.0	23.00	46.0	4	
1,2,4-Trimethylbenzene	ug/kg	0	50	21.00	42.0	23.00	46.0	9	
sec-Butylbenzene	ug/kg	0	50	21.00	42.0	23.00	46.0	9	
tert-Butylbenzene	ug/kg	0	50	24.00	48.0	26.00	52.0	8	
p-Isopropyltoluene	ug/kg	0	50	18.00	36.0	21.00	42.0	15	
1,3-Dichlorobenzene	ug/kg	0	50	20.00	40.0	21.00	42.0	5	
1,4-Dichlorobenzene	ug/kg	0	50	19.00	38.0	20.00	40.0	5	
n-Butylbenzene	ug/kg	0	50	16.00	32.0	18.00	36.0	12	
1,2-Dichlorobenzene	ug/kg	0	50	22.00	44.0	23.00	46.0	4	
1,2-Dibromo-3-Chloropropane	ug/kg	0	50	15.00	30.0	33.00	66.0	6	
1,2,4-Trichlorobenzene	ug/kg	0	50	11.00	26.0	14.00	28.0	7	
Hexachlorobutadiene	ug/kg	0	50	10.00	20.0	14.00	28.0	33	
Naphthalene	ug/kg	0	50	18.00	36.0	19.00	38.0	5	
1,2,3-Trichlorobenzene	ug/kg	0	50	14.00	28.0	16.00	32.0	13	
cis-1,3-Dichloropropene	ug/kg	0	50	36.00	72.0	35.00	70.0	3	
trans-1,3-Dichloropropene	ug/kg	0	50	38.00	76.0	37.00	74.0	3	

QUALITY CONTROL DATA

DATE: 07/09/98
PAGE: 66

Pace Project Number: 108155
Client Project ID: 980623-04

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10719730 10719748

Parameter	Units	10702512	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Bromofluoromethane (S)					90		94	7.7	
Toluene-d8 (S)					98		98		
4-Bromofluorobenzene (S)					90		90		
1,2-Dichloroethane-d4 (S)					94		90		

LABORATORY CONTROL SAMPLE: 10719722

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	50	96.00	192	
Chloromethane	ug/kg	50	53.00	106	
Vinyl Chloride	ug/kg	50	65.00	130	
Bromomethane	ug/kg	50	71.00	142	
Chloroethane	ug/kg	50	67.00	134	
Trichlorofluoromethane	ug/kg	50	64.00	128	
Methylene Chloride	ug/kg	50	54.00	108	
1,1-Dichloroethene	ug/kg	50	63.00	126	
trans-1,2-Dichloroethene	ug/kg	50	63.00	126	
1,1-Dichloroethane	ug/kg	50	62.00	124	
2,2-Dichloropropane	ug/kg	50	58.00	116	
cis 1,2-Dichloroethene	ug/kg	50	58.00	116	
Chloroform	ug/kg	50	56.00	112	
Bromochloromethane	ug/kg	50	55.00	110	
1,1,1-Trichloroethane	ug/kg	50	57.00	114	
Carbon Tetrachloride	ug/kg	50	56.00	112	
1,1-Dichloropropene	ug/kg	50	61.00	122	
Benzene	ug/kg	50	61.00	122	
1,2-Dichloroethane	ug/kg	50	55.00	110	
Trichloroethene	ug/kg	50	58.00	116	
1,2-Dichloropropane	ug/kg	50	60.00	120	
Dibromochloromethane	ug/kg	50	56.00	112	
Bromoform	ug/kg	50	56.00	112	
Toluene	ug/kg	50	59.00	118	
1,1,2-Trichloroethane	ug/kg	50	57.00	114	
Tetrachloroethene	ug/kg	50	56.00	112	
1,3-Dichloropropane	ug/kg	50	55.00	110	
Bromochloromethane	ug/kg	50	51.00	102	
2,2-Dibromoethane	ug/kg	50	54.00	108	
Chlorobenzene	ug/kg	50	57.00	114	
1,1,1,2 Tetrachloroethane	ug/kg	50	56.00	112	

QUALITY CONTROL DATA

Pace Project Number: 108155
Client Project ID: 980623-04

BORATORY CONTROL SAMPLE: 10719722

rameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
ylbenzene	ug/kg	50	59.00	118	
P-Xylene	ug/kg	100	120.0	120	
O-Xylene (1,2-Dimethylbenzene)	ug/kg	50	58.00	116	
yrene	ug/kg	50	58.00	116	
omoform	ug/kg	50	52.00	104	
opropylbenzene (Cumene)	ug/kg	50	58.00	116	
,1,2,2 Tetrachloroethane	ug/kg	50	51.00	102	
omobenzene	ug/kg	50	54.00	108	
2,3-Trichloropropane	ug/kg	50	52.00	104	
Propylbenzene	ug/kg	50	57.00	114	
Chlorotoluene	ug/kg	50	56.00	112	
,3,5-Trimethylbenzene	ug/kg	50	56.00	112	
Chlorotoluene	ug/kg	50	55.00	110	
2,4-Trimethylbenzene	ug/kg	50	54.00	108	
-Butylbenzene	ug/kg	50	56.00	112	
ec-Butylbenzene	ug/kg	50	55.00	110	
p-Isopropyltoluene	ug/kg	50	56.00	112	
-Dichlorobenzene	ug/kg	50	55.00	110	
-Dichlorobenzene	ug/kg	50	54.00	108	
Butylbenzene	ug/kg	50	57.00	114	
-Dichlorobenzene	ug/kg	50	54.00	108	
1,2-Dibromo-3-Chloropropane	ug/kg	50	49.00	98.0	
4-Trichlorobenzene	ug/kg	50	53.00	106	
hlorobutadiene	ug/kg	50	52.00	104	
thalene	ug/kg	50	52.00	104	
,3-Trichlorobenzene	ug/kg	50	52.00	104	
ane-1,3-Dichloropropane	ug/kg	50	57.00	114	
-1,3-Dichloropropene	ug/kg	50	58.00	116	
romofluoromethane (S)				94	
uene-d8 (S)				98	
romofluorobenzene (S)				98	
2 Dichloroethane-d4 (S)				94	

LITY CONTROL DATA PARAMETER FOOTNOTES

nsistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.
Not Detected
Not Calculable
Pace Reporting Limit
RPD Relative Percent Difference
Surrogate
Compound concentration exceeds the calibration range of the instrument (CLP E-Flag).
Spiked sample recovery is not within control limits.
Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
Outside of control limits of 30 1%%.
Outside of control limits of 42 1%%.
Common laboratory contaminant.
The spike recovery was outside acceptance limits for the MS and /or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

Pace Analytical

July 07, 1998

Mr. Richard Villafania
Pace Analytical Long Beach NC
1960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 108164
Client Project ID: 980623-04

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on June 24, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

Pace Analytical

DATE: 07/07/98
PAGE: 1

...ce Analytical Long Beach SC
...50 Gilman Street
Long Beach, CA 90815

Pace Project Number: 108154
Client Project ID: 980623-04

...TN: Mr. Richard Villafania
Phone: (562)908-9515

All results are reported on a wet weight basis

Pace Sample No:	10702017	Date Collected:	06/19/98	Matrix:	Soil
Client Sample ID:	TTBX-2-10	Date Received:	06/24/98		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.067	06/30/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.067	06/30/98	SJW	11104-28-2	
PCB 1232 (Arochlor 1232)	ND	mg/kg	0.067	06/10/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.067	06/10/98	SJW	53469-21-9	
PCB 1248 (Arochlor 1248)	ND	mg/kg	0.067	06/10/98	SJW	12672-29-6	
PCB 1254 (Arochlor 1254)	ND	mg/kg	0.067	06/10/98	SJW	11097-69-1	
PCB 1260 (Arochlor 1260)	ND	mg/kg	0.067	06/10/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	105	%		06/10/98	SJW	877-09-8	
Decachlorobiphenyl (S)	98	%		06/10/98	SJW	2051-24-3	
Date Extracted				06/26/98			
GC/MS - VOA							
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 8260	
Dichlorodifluoromethane	ND	ug/kg	5	07/03/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/03/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/03/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/03/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/03/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/03/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/03/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/03/98	TAW	75-35-4	
trans 1,2-Dichloroethene	ND	ug/kg	5	07/03/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/03/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/03/98	TAW	594-20-7	
cis-1,2 Dichloroethene	ND	ug/kg	5	07/03/98	TAW	156-59-2	

Pace Project Number: 104154
Client Project ID: 980623-04

Lab Sample No: 10702017
Client Sample ID: TTMX-2-10

Date Collected: 06/19/98
Date Received: 06/24/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Chloroform	ND	ug/kg	5	07/03/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/03/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/03/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/03/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/03/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/03/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/03/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/03/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/03/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/03/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/03/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/03/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/03/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/03/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/03/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/03/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/03/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/03/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/03/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/03/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/03/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/03/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/03/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/03/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/03/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/03/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/03/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/03/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/03/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/03/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/03/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/03/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/03/98	TAW	95-63-6	
tert-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	135-98-8	
sec-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/03/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	95-50-1	

Pace Analytical

DATE: 07/07/98
PAGE: 1

Pace Project Number: 108154
Client Project Id: 980623-04

Lab Sample No: 10702017
Client Sample ID: TTBX-2-10

Date Collected: 06/19/98
Date Received: 06/24/98

Matrix: Soil

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/03/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/03/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/03/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/03/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/03/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/03/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/03/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/03/98	TAW	110-75-8	
Acetone	7.5	ug/kg	20	07/03/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/03/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/03/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/03/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/03/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/03/98	TAW	108-05-4	
Methyl-tert butyl Ether	ND	ug/kg	5	07/03/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/03/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/03/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/03/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/03/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/03/98	TAW	75-65-0	
Dibromofluoromethane (S)	94	%		07/03/98	TAW	1868-53-7	
Toluene-d8 (S)	98	%		07/03/98	TAW	2037-26-5	
Bromofluorobenzene (S)	94	%		07/03/98	TAW	460-00-4	
1,2 Dichloroethane d4 (S)	102	%		07/03/98	TAW	17060-07-0	

Pace Project Number: 108154
Client Project ID: 980623-04

Pace Sample No: 10702025
Client Sample ID: TRB-2-10

Date Collected: 06/19/98
Date Received: 06/24/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080			Prep Method: EPA 3550		
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.03	06/30/98	SJW	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.03	06/30/98	SJW	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.03	06/30/98	SJW	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.03	06/30/98	SJW	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.03	06/30/98	SJW	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.03	06/30/98	SJW	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.03	06/30/98	SJW	11096-82-5	
Tetrachloro-meta-Xylene (S)	95	%		06/30/98	SJW	877-09-8	
Decachlorobiphenyl (S)	95	%		06/30/98	SJW	2051-24-3	
Date Extracted				06/26/98			
GC/MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/03/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/03/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/03/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/03/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/01/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/01/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/01/98	TAW	75-09-2	
1,1 Dichloroethene	ND	ug/kg	5	07/01/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/01/98	TAW	156-60-5	
1,1 Dichloroethane	ND	ug/kg	5	07/01/98	TAW	75-34-3	
2,2 Dichloropropane	ND	ug/kg	5	07/01/98	TAW	594-20-7	
cis 1,2-Dichloroethene	ND	ug/kg	5	07/01/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/01/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/01/98	TAW	74-97-5	
1,1,1 Trichloroethane	ND	ug/kg	5	07/01/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/01/98	TAW	56-23-5	
1,1 Dichloropropene	ND	ug/kg	5	07/01/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/01/98	TAW	71-43-2	
1,2 Dichloroethane	ND	ug/kg	5	07/01/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/01/98	TAW	79-01-6	
1,2 Dichloropropane	ND	ug/kg	5	07/01/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/01/98	TAW	75-27-4	

Pace Project Number: 108154
Client Project ID: 980623-04

Pace Sample No: 10702029
Client Sample ID: TTBS#2-10

Date Collected: 06/19/98
Date Received: 06/24/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/03/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/03/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/03/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/03/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/03/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/03/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/03/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/03/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/03/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/03/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/03/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/03/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/03/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/03/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/03/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/03/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/03/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/03/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/03/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/03/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/03/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/03/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/03/98	TAW	95-63-6	
tert-Butylbenzene	ND	ug/kg	5	07/03/98	TAW	135-98-8	
sec Butylbenzene	ND	ug/kg	5	07/03/98	TAW	98-06-6	
p Isopropyltoluene	ND	ug/kg	5	07/03/98	TAW	99-87-6	
1,3 Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	541-73-1	
1,4 Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	106-46-7	
n Butylbenzene	ND	ug/kg	5	07/03/98	TAW	104-51-8	
1,2 Dichlorobenzene	ND	ug/kg	5	07/03/98	TAW	95-50-1	
1,2 Dibromo-3-Chloropropane	ND	ug/kg	5	07/03/98	TAW	96-12-8	
1,2,4 Trichlorobenzene	ND	ug/kg	5	07/03/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/03/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/03/98	TAW	91-20-3	
1,2,3 Trichlorobenzene	ND	ug/kg	5	07/03/98	TAW	87-61-6	
trans 1,3-Dichloropropene	ND	ug/kg	5	07/03/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/03/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/03/98	TAW	110-75-8	
Acetone	7.4	ug/kg	20	07/03/98	TAW	67-64-1	1,2,7
2-Butanone	ND	ug/kg	10	07/03/98	TAW	78-93-3	

Pace Project Number: 10811:4
Client Project ID: 980621-04

Pace Sample No: 10702025
Client Sample ID: TTBS-2-10

Date Collected: 06/19/98
Date Received: 06/24/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/03/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/03/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/03/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/03/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/03/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/03/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/03/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/03/98	TAW	637-92-3	
Tert-Amylmethyl ether	ND	ug/kg	5	07/03/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/03/98	TAW	75-65-0	
Dibromofluoromethane (S)	96	%		07/03/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/03/98	TAW	2037-26-5	
4 Bromofluorobenzene (S)	96	%		07/03/98	TAW	460-00-4	
1,2-Dichloroethane d4 (S)	104	%		07/03/98	TAW	17060-07-0	

Pace Project Number: 10814
Client Project ID: 980621-04

ce Sample No:	10702017		Date Collected:	06/19/98	Matrix: Soil
lient Sample ID:	TTH2-1-10		Date Received:	06/24/98	

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	150	ug/kg	330	06/27/98	SAC	108-95-2	3
bis(2-Chloroethyl)ether	ND	ug/kg	330	06/27/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	06/27/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	06/27/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	06/27/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	06/27/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	06/27/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	06/27/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/27/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	06/27/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/27/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	06/27/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	06/27/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	06/27/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	06/27/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	06/27/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	06/27/98	SAC	65-85-0	
Bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/27/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	06/27/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	06/27/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	06/27/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	06/27/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	06/27/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	06/27/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	06/27/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	06/27/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	06/27/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	06/27/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	06/27/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	06/27/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	06/27/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	06/27/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	06/27/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	06/27/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	06/27/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	06/27/98	SAC	51-28-5	

Pace Project Number: 10J154
Client Project ID: 980623-04

Pace Sample No: 10702033
Client Sample ID: TTBZ-1-10

Date Collected: 06/19/98
Date Received: 06/24/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	06/27/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	06/27/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	06/27/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	06/27/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	06/27/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	06/27/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	06/27/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	06/27/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	06/27/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	06/27/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	06/27/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	06/27/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	06/27/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	06/27/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	06/27/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	06/27/98	SAC	206-44-0	
Pyrene	95	ug/kg	330	06/27/98	SAC	129-00-0	3
Butylbenzylphthalate	ND	ug/kg	330	06/27/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	06/27/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	06/27/98	SAC	56-55-3	
Chrysene	67	ug/kg	330	06/27/98	SAC	218-01-9	
Bis(2-Ethylhexyl)phthalate	160	ug/kg	330	06/27/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	06/27/98	SAC	117-84-0	
Benzo(b)fluoranthene	77	ug/kg	330	06/27/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	06/27/98	SAC	207-08-9	
Benzo(a)pyrene	81	ug/kg	330	06/27/98	SAC	50-32-8	3
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	06/27/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	06/27/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	06/27/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	70	%		06/27/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	82	%		06/27/98	SAC	321-60-8	
Terphenyl-d14 (S)	127	%		06/27/98	SAC	1718-51-0	
Phenol-d6 (S)	68	%		06/27/98	SAC	13127-88-3	
2-Fluorophenol (S)	74	%		06/27/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	78	%		06/27/98	SAC	118-79-6	
Date Extracted				06/25/98			

Pace Project Number: 108154
Client Project ID: 980623-04

Pace Sample No: 10703041
Client Sample ID: TTHY-1-10
Date Collected: 06/19/98
Date Received: 06/24/98
Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	06/27/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	06/27/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	06/27/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	06/27/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	06/27/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	06/27/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	06/27/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	06/27/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/27/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	06/27/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/27/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	06/27/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	06/27/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	06/27/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	06/27/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	06/27/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	06/27/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/27/98	SAC	111-91-1	
2,4 Dichlorophenol	ND	ug/kg	330	06/27/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	06/27/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	06/27/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	06/27/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	06/27/98	SAC	87-68-3	
4 Chloro-3-methylphenol	ND	ug/kg	660	06/27/98	SAC	59-50-7	
2 Methylnaphthalene	ND	ug/kg	330	06/27/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	06/27/98	SAC	77-47-4	
2,4,6 Trichlorophenol	ND	ug/kg	330	06/27/98	SAC	88-06-2	
2,4,5 Trichlorophenol	ND	ug/kg	330	06/27/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	06/27/98	SAC	91-58-7	
2 Nitroaniline	ND	ug/kg	1600	06/27/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	06/27/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	06/27/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	06/27/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	06/27/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	06/27/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	06/27/98	SAC	51-28-5	

Pace Project Number: 108154
Client Project ID: 980623-04

Lab Sample No: 10702041 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBY-1 10 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	06/27/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	06/27/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	06/27/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	06/27/98	SAC	84-66-2	
4 Chlorophenyl-phenylether	ND	ug/kg	330	06/27/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	06/27/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	06/27/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	06/27/98	SAC	534-52-1	
N Nitrosodiphenylamine	ND	ug/kg	330	06/27/98	SAC	86 30 6	
4 Bromophenyl-phenylether	ND	ug/kg	330	06/27/98	SAC	101 55 3	
Hexachlorobenzene	ND	ug/kg	330	06/27/98	SAC	118 74-1	
Pentachlorophenol	ND	ug/kg	1600	06/27/98	SAC	87 86 5	
Phenanthrene	ND	ug/kg	330	06/27/98	SAC	85 01 8	
Anthracene	ND	ug/kg	330	06/27/98	SAC	120 12-7	
Di n-butylphthalate	ND	ug/kg	330	06/27/98	SAC	84 74-2	
Fluoranthene	ND	ug/kg	330	06/27/98	SAC	206-44-0	
Pyrene	100	ug/kg	330	06/27/98	SAC	129 00-0	J
Butylbenzylphthalate	ND	ug/kg	330	06/27/98	SAC	85-68-7	
3,3' Dichlorobenzidine	ND	ug/kg	660	06/27/98	SAC	91-94-1	
Benzo(a)Anthracene	ND	ug/kg	330	06/27/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	06/27/98	SAC	218-01 9	
bis(2 Ethylhexyl)phthalate	71	ug/kg	330	06/27/98	SAC	117-81 7	J
Di-n-octylphthalate	ND	ug/kg	330	06/27/98	SAC	117-84 0	
Benzo(b)fluoranthene	ND	ug/kg	330	06/27/98	SAC	205-99 2	
Benzo(k)fluoranthene	ND	ug/kg	330	06/27/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	06/27/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	06/27/98	SAC	193 39-5	
Dibenz(a,h)Anthracene	ND	ug/kg	330	06/27/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	06/27/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	80	%		06/27/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	82	%		06/27/98	SAC	321-60-8	
Terphenyl-d14 (S)	111	%		06/27/98	SAC	1718-51-0	
Phenol-d6 (S)	86	%		06/27/98	SAC	13127-88-3	
2-Fluorophenol (S)	76	%		06/27/98	SAC	367-12-4	
2,4,6 Tribromophenol (S)	85	%		06/27/98	SAC	118-79 6	
Date Extracted				06/26/98			

Pace Project Number: 108154
Client Project ID: 980621-04

Lab Sample No: 107020%8
Client Sample ID: TTBX-1-10

Date Collected: 06/19/98
Date Received: 06/24/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	06/27/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	06/27/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	06/27/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	06/27/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	06/27/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	06/27/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	06/27/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	06/27/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/27/98	SAC	39638-32-9	
4 Methylphenol	ND	ug/kg	330	06/27/98	SAC	106-44-5	
N Nitroso-di-n-propylamine	ND	ug/kg	330	06/27/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	06/27/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	06/27/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	06/27/98	SAC	78-59-1	
2 Nitrophenol	ND	ug/kg	330	06/27/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	06/27/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	06/27/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/27/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	06/27/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	06/27/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	06/27/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	06/27/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	06/27/98	SAC	87-68-3	
4-Chloro-3 methylphenol	ND	ug/kg	660	06/27/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	06/27/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	06/27/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	06/27/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	06/27/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	06/27/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	06/27/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	06/27/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	06/27/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	06/27/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	06/27/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	06/27/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	06/27/98	SAC	51-28-5	

Pace Project Number: 108154
Client Project ID: 980623-04

Pace Sample No: 1070205H
Client Sample ID: TTBX-1-10

Date Collected: 06/19/98
Date Received: 06/24/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	06/27/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	06/27/98	SAC	132-64-9	
2,4 Dinitrotoluene	ND	ug/kg	330	06/27/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	06/27/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	06/27/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	06/27/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	06/27/98	SAC	100-01-6	
4,6 Dinitro-2-methylphenol	ND	ug/kg	1600	06/27/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	06/27/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	06/27/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	06/27/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	06/27/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	06/27/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	06/27/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	06/27/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	06/27/98	SAC	206-44-0	
Pyrene	110	ug/kg	330	06/27/98	SAC	129-00-0	3
Butylbenzylphthalate	ND	ug/kg	330	06/27/98	SAC	85-68-7	
3,3' Dichlorobenzidine	ND	ug/kg	660	06/27/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	06/27/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	06/27/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	130	ug/kg	330	06/27/98	SAC	117-81-7	3
Di-n-octylphthalate	ND	ug/kg	330	06/27/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	06/27/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	06/27/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	06/27/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	06/27/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	06/27/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	06/27/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	82	%		06/27/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	87	%		06/27/98	SAC	321-60-8	
Terphenyl-d14 (S)	127	%		06/27/98	SAC	1718-51-0	
Phenol-d6 (S)	88	%		06/27/98	SAC	13127-88-3	
2-Fluorophenol (S)	80	%		06/27/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	90	%		06/27/98	SAC	118-79-6	
Date Extracted				06/25/98			

Pace Project Number: 108154
Client Project ID: 980623-04

Pace Sample No: 10702066 Date Collected: 06/19/98 Matrix: Soil
Client Sample ID: TTBS-1-10 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	06/27/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	06/27/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	06/27/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	06/27/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	06/27/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	06/27/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	06/27/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	06/27/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/27/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	06/27/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/27/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	06/27/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	06/27/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	06/27/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	06/27/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	06/27/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	06/27/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/27/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	06/27/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	06/27/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	06/27/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	06/27/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	06/27/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	06/27/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	06/27/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	06/27/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	06/27/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	06/27/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	06/27/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	06/27/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	06/27/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	06/27/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	06/27/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	06/27/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	06/27/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	06/27/98	SAC	51-28-5	

Pace Project Number: 108154
Client Project ID: 980621-04

Pace Sample No: 10702066
Client Sample ID: TTBS-1-10
Date Collected: 06/19/98
Date Received: 06/24/98
Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	06/27/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	06/27/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	06/27/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	06/27/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	06/27/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	06/27/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	06/27/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	06/27/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	06/27/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	06/27/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	06/27/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	06/27/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	06/27/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	06/27/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	06/27/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	06/27/98	SAC	206-44-0	
Pyrene	67	ug/kg	330	06/27/98	SAC	129-00-0	1
Butylbenzylphthalate	ND	ug/kg	330	06/27/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	06/27/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	06/27/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	06/27/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	86	ug/kg	330	06/27/98	SAC	117-81-7	3
Di-n-octylphthalate	ND	ug/kg	330	06/27/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	06/27/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	06/27/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	06/27/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	06/27/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	06/27/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	06/27/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	78	%		06/27/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	81	%		06/27/98	SAC	321-60-8	
Terphenyl-d14 (S)	109	%		06/27/98	SAC	1718-51-0	
Phenol-d6 (S)	82	%		06/27/98	SAC	13127-88-3	
2-Fluorophenol (S)	68	%		06/27/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	84	%		06/27/98	SAC	118-79-6	
Date Extracted				06/25/98			

RAMETER FOOTNOTES

ND Not Detected
NC Not Calculable
PQL Pace Reporting Limit
S Surrogate
[B] Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
[C] Common laboratory contaminant.
J Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

ce Analytical Long Beach SC
. 80 Gilman Street
Long Beach, CA 90815

Pace Project Number: 108154
Client Project ID: 980623-04

ntn: Mr. Richard Villafania
Phone: (562)498-9515

Batch ID: 13826 QC Batch Method: EPA 3510
alysis Method: EPA 8270 Analysis Description: Semivolatile Organics
Associated Pace Samples: 10702033 10702041 10702058 10702066

METHOD BLANK: 10703934
Associated Pace Samples:

		10702033	10702041	10702058	10702066
Parameter	Units		Method Blank Result	PRL	Footnotes
Phenol	ug/kg		ND	330	
bis(2-Chloroethyl)ether	ug/kg		ND	330	
2-Chlorophenol	ug/kg		ND	330	
1,3-Dichlorobenzene	ug/kg		ND	330	
1,4-Dichlorobenzene	ug/kg		ND	330	
Benzyl Alcohol	ug/kg		ND	660	
1,2-Dichlorobenzene	ug/kg		ND	330	
2-Methylphenol	ug/kg		ND	330	
bis(2-Chloroisopropyl)ether	ug/kg		ND	330	
4-Methylphenol	ug/kg		ND	330	
N-Nitroso-di-n-propylamine	ug/kg		ND	330	
Hexachloroethane	ug/kg		ND	330	
Nitrobenzene	ug/kg		ND	330	
Isophorone	ug/kg		ND	330	
2-Nitrophenol	ug/kg		ND	330	
2,4-Dimethylphenol	ug/kg		ND	330	
Benzoic Acid	ug/kg		ND	1600	
bis(2-Chloroethoxy)methane	ug/kg		ND	330	
2,4-Dichlorophenol	ug/kg		ND	330	
1,2,4-Trichlorobenzene	ug/kg		ND	110	
Naphthalene	ug/kg		ND	110	
4-Chloroaniline	ug/kg		ND	660	
Hexachlorobutadiene	ug/kg		ND	110	
4-Chloro-3-methylphenol	ug/kg		ND	660	
2-Methylnaphthalene	ug/kg		ND	110	

Pace Project Number: 108154
Client Project ID: 980621-04

METHOD BLANK: 10702934
Associated Pace Samples:

Parameter	Units	10702033 Method Blank Result	PRL	10702041	10702048	10702066	Footnotes
Bis(chloromethyl)ether	ug/kg	ND	330				
2,4,6-Trichlorophenol	ug/kg	ND	330				
2,4,5-Trichlorophenol	ug/kg	ND	330				
2-Chloronaphthalene	ug/kg	ND	330				
2-Nitroaniline	ug/kg	ND	1600				
Dimethylphthalate	ug/kg	ND	330				
Acenaphthylene	ug/kg	ND	330				
2,6-Dinitrotoluene	ug/kg	ND	330				
3-Nitroaniline	ug/kg	ND	1600				
Acenaphthene	ug/kg	ND	330				
2,4-Dinitrophenol	ug/kg	ND	1600				
4-Nitrophenol	ug/kg	ND	1600				
Dibenzofuran	ug/kg	ND	330				
2,4-Dinitrotoluene	ug/kg	ND	330				
Diethylphthalate	ug/kg	ND	330				
4-Chlorophenyl-phenylether	ug/kg	ND	330				
Fluorene	ug/kg	ND	330				
4-Nitroaniline	ug/kg	ND	1600				
4,6-Dinitro-2-methylphenol	ug/kg	ND	1600				
N-nitrosodiphenylamine	ug/kg	ND	330				
4-Bromophenyl phenylether	ug/kg	ND	330				
Hexachlorobenzene	ug/kg	ND	330				
Pentachlorophenol	ug/kg	ND	1600				
Phenanthrene	ug/kg	ND	330				
Anthracene	ug/kg	ND	330				
Di-n-butylphthalate	ug/kg	ND	330				
Fluoranthene	ug/kg	ND	330				
Pyrene	ug/kg	ND	330				
Butylbenzylphthalate	ug/kg	ND	330				
3,3-Dichlorobenzidine	ug/kg	ND	660				
Benzo(a)anthracene	ug/kg	ND	330				
Chrysene	ug/kg	ND	330				
Bis(2-ethylhexyl)phthalate	ug/kg	ND	330				
Di-n-octylphthalate	ug/kg	ND	330				
Benzo(b)fluoranthene	ug/kg	ND	330				
Benzo(k)fluoranthene	ug/kg	ND	330				
Benzo(a)pyrene	ug/kg	ND	330				
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330				

QUALITY CONTROL DATA

Pace Project Number: 108154
Client Project ID: 980623-04

METHOD BLANK: 10702934
Associated Pace Samples:

		10702933	10702941	10702958	10702966
			Method Blank		
Parameter	Units		Result	PRL	Footnotes
Benzo(a,h)anthracene	ug/kg		ND	330	
Benzo(g,h,i)perylene	ug/kg		ND	330	
Nitrobenzene-d5 (S)	%		82		
2-Fluorobiphenyl (S)	%		82		
Terphenyl-d14 (S)	%		96		
Phenol-d6 (S)	%		87		
2-Fluorophenol (S)	%		76		
2,4,6-Tribromophenol (S)	%		97		

LABORATORY CONTROL SAMPLE & LCSD: 10702942 10702959

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Phenol	ug/kg	2500	1550	62.0	1520	60.8	2	
2,4,6-Trichlorophenol	ug/kg	2500	1561	62.5	1577	63.1	1	
1,3-Dichlorobenzene	ug/kg	1667	1521	91.4	1537	91.6	0	
N-Nitroso-di-n-propylamine	ug/kg	1667	1617	97.0	1607	96.4	1	
1,2,4-Trichlorobenzene	ug/kg	1667	1271	76.4	1290	77.4	1	
4,6-Dinitro-2-methylphenol	ug/kg	3500	1940	61.6	1500	60.0	3	
Acenaphthene	ug/kg	1667	1561	93.8	1577	94.6	1	
4-Nitrophenol	ug/kg	3500	1587	63.5	1543	61.7	3	1,1
2,6-Dinitrotoluene	ug/kg	1667	1610	96.6	1600	96.0	1	
Pentachlorophenol	ug/kg	2500	1297	51.9	1271	50.9	2	1,1
Pyrene	ug/kg	1667	1670	100	1740	104	4	
Nitrobenzene-d5 (S)				84		81		
2-Fluorobiphenyl (S)				83		80		
Terphenyl-d14 (S)				89		96		

Pace Analytical Long Beach QC
3960 Gilman Street
Long Beach, CA 90815

Pace Project Number: 108154
Client Project ID: 980623-04

Attn: Mr. Richard Villafania
Phone: (562)498-9511

QC Batch ID: 11828
Analysis Method: EPA 8080
QC Batch Method: EPA 3550
Analysis Description: PCB's in Soil, Low Level
Associated Pace Samples: 10702017 10702025

METHOD BLANK: 10702091
Associated Pace Samples:

Parameter	Units	10702017 10702025 Method Blank Result	PRL	Footnotes
PCB-1016 (Aroclor 1016)	mg/kg	ND	0.01	
PCB-1221 (Aroclor 1221)	mg/kg	ND	0.01	
PCB-1232 (Aroclor 1232)	mg/kg	ND	0.01	
PCB-1242 (Aroclor 1242)	mg/kg	ND	0.01	
PCB-1248 (Aroclor 1248)	mg/kg	ND	0.01	
PCB-1254 (Aroclor 1254)	mg/kg	ND	0.03	
PCB-1260 (Aroclor 1260)	mg/kg	ND	0.03	
Dichloro-meta-xylene (S)	%	91		
Decachlorobiphenyl (S)	%	93		

LABORATORY CONTROL SAMPLE & LCSD: 10701807 10701815

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
PCB-1016 (Aroclor 1016)	mg/kg	0.33	0.3181	95.6	0.3170	95.1	0	
PCB-1260 (Aroclor 1260)	mg/kg	0.33	0.3109	93.3	0.3047	91.4	2	
Dichloro-meta-xylene (S)				99		97		
Decachlorobiphenyl (S)				94		98		

F ...e Analytical Long Beach SC
1960 Gilman Street
L. g Beach, CA 90815

Pace Project Number: 100154
Client Project ID: 900623-04

Attn: Mr. Richard Villafania
P ...ne: (562)498-9515

(...Batch ID: 14130 QC Batch Method: EPA 8260
...alysis Method: EPA 8260 Analysis Description: GC/MS VOCs by 8260
Associated Pace Samples: 10702017 10702025

METHOD BLANK: 10719698
Associated Pace Samples:

		10702017	10702025
Parameter	Units	Method Blank Result	PRL	Footnotes
...hlorodifluoromethane	ug/kg	ND	5	
...oromethane	ug/kg	ND	5	
...yl Chloride	ug/kg	ND	5	
...omomethane	ug/kg	ND	5	
Chloroethane	ug/kg	ND	5	
...chlorofluoromethane	ug/kg	ND	5	
...lene Chloride	ug/kg	ND	5	
...Dichloroethene	ug/kg	ND	5	
...ane-1,2-Dichloroethane	ug/kg	ND	5	
1,1-Dichloroethene	ug/kg	ND	5	
...-Dichloropropane	ug/kg	ND	5	
...-1,2-Dichloroethene	ug/kg	ND	5	
...oroform	ug/kg	ND	5	
...omochloromethane	ug/kg	ND	5	
1,1,1-Trichloroethane	ug/kg	ND	5	
...bon Tetrachloride	ug/kg	ND	5	
...-Dichloropropene	ug/kg	ND	5	
...zene	ug/kg	ND	5	
...2-Dichloroethane	ug/kg	ND	5	
Trichloroethene	ug/kg	ND	5	
...2-Dichloropropane	ug/kg	ND	5	
...bromochloromethane	ug/kg	ND	5	
...promomethane	ug/kg	ND	5	
Toluene	ug/kg	ND	5	
...1,2-Trichloroethane	ug/kg	ND	5	

METHOD BLANK: 10719698
Associated Pace Samples:

Parameter	Units	10702017 Method Blank Results	PRL	Footnotes
Tetrachloroethene	ug/kg	ND	5	
1,2-Dichloropropane	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,2-Dibromoethane	ug/kg	ND	5	
Chlorobenzene	ug/kg	ND	5	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5	
Ethylbenzene	ug/kg	ND	5	
m&p-Xylene	ug/kg	ND	5	
o-Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
Bromoform	ug/kg	ND	5	
Isopropylbenzene (Cumene)	ug/kg	ND	5	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
1,2,3-Trichloropropane	ug/kg	ND	5	
n-Propylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
1,3,5-Trimethylbenzene	ug/kg	ND	5	
4-Chlorotoluene	ug/kg	ND	5	
tert-Butylbenzene	ug/kg	ND	5	
1,2,4-Trimethylbenzene	ug/kg	ND	5	
sec-Butylbenzene	ug/kg	ND	5	
p-Isopropyltoluene	ug/kg	ND	5	
1,3-Dichlorobenzene	ug/kg	ND	5	
1,4-Dichlorobenzene	ug/kg	ND	5	
n-Butylbenzene	ug/kg	ND	5	
1,2-Dichlorobenzene	ug/kg	ND	5	
1,2-Dibromo-3-Chloropropane	ug/kg	ND	5	
1,2,4-Trichlorobenzene	ug/kg	ND	5	
Hexachlorobutadiene	ug/kg	ND	5	
Naphthalene	ug/kg	ND	5	
1,2,3-Trichlorobenzene	ug/kg	ND	5	
trans-1,3-Dichloropropene	ug/kg	ND	5	
cis-1,3-Dichloropropene	ug/kg	ND	5	
2-Chloroethyl Vinyl Ether	ug/kg	ND	5	
Acetone	ug/kg	12	20	1,2
2-Butanone	ug/kg	ND	10	
Methyl-2-Pentanone	ug/kg	ND	10	

METHOD BLANK: 10719698
Associated Pace Samples:
10702017 10702025

Parameter	Units	Method Blank Result	PQL	Footnotes
Carbon Disulfide	ug/kg	ND	10	
2-Hexanone	ug/kg	ND	100	
Vinyl Acetate	ug/kg	ND	100	
Methyl-tert-butyl Ether	ug/kg	ND	5	
1-Propanol	ug/kg	ND	500	
Ethyl ether	ug/kg	ND	5	
Ethyl-tert-butyl ether	ug/kg	ND	5	
tert-Amylmethyl ether	ug/kg	ND	5	
4-Methyl-2-propanol	ug/kg	ND	100	
Bromofluoromethane (S)	%	96		
Toluene-d8 (S)	%	99		
4-Bromofluorobenzene (S)	%	94		
1,2-Dichloroethane-d4 (S)	%	106		

LABORATORY CONTROL SAMPLE: 10719706

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	50	89.00	178	
Chloromethane	ug/kg	50	54.00	108	
Vinyl Chloride	ug/kg	50	64.00	128	
Bromomethane	ug/kg	50	60.00	120	
Chloroethane	ug/kg	50	64.00	128	
Trichlorofluoromethane	ug/kg	50	61.00	122	
Methylene Chloride	ug/kg	50	50.00	100	
1,1-Dichloroethene	ug/kg	50	58.00	116	
trans 1,2 Dichloroethene	ug/kg	50	58.00	116	
1,1-Dichloroethane	ug/kg	50	58.00	116	
2,2-Dichloropropane	ug/kg	50	56.00	112	
cis-1,2-Dichloroethene	ug/kg	50	54.00	108	
Chloroform	ug/kg	50	53.00	106	
Bromochloromethane	ug/kg	50	53.00	106	
1,1,1 Trichloroethane	ug/kg	50	54.00	108	
Carbon Tetrachloride	ug/kg	50	53.00	106	
1,1-Dichloropropene	ug/kg	50	59.00	118	
Benzene	ug/kg	50	56.00	112	
1,2 Dichloroethane	ug/kg	50	54.00	108	

LABORATORY CONTROL SAMPLE: 10719706

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
...chloroethene	ug/kg	50	55.00	110	
...2-Dichloropropane	ug/kg	50	55.00	110	
...promodichloromethane	ug/kg	50	53.00	106	
...bromomethane	ug/kg	50	52.00	104	
...luene	ug/kg	50	54.00	108	
...1,2-Trichloroethane	ug/kg	50	53.00	106	
Tetrachloroethene	ug/kg	50	56.00	112	
...3-Dichloropropane	ug/kg	50	53.00	106	
...promochloromethane	ug/kg	50	51.00	102	
...2-Dibromoethane	ug/kg	50	50.00	100	
...lorobenzene	ug/kg	50	52.00	104	
1,1,1,2-Tetrachloroethane	ug/kg	50	52.00	104	
...hylbenzene	ug/kg	50	54.00	108	
...p-Xylene	ug/kg	100	110.0	110	
...ylene (1,2-Dimethylbenzene)	ug/kg	50	53.00	106	
...yrene	ug/kg	50	53.00	106	
Bromoform	ug/kg	50	49.00	98.0	
...propylbenzene (Cumene)	ug/kg	50	53.00	106	
...1,2,2-Tetrachloroethane	ug/kg	50	49.00	98.0	
...mobenzene	ug/kg	50	53.00	106	
...,2,3-Trichloropropane	ug/kg	50	49.00	98.0	
n-Propylbenzene	ug/kg	50	55.00	110	
...lorotoluene	ug/kg	50	53.00	106	
...Trimethylbenzene	ug/kg	50	53.00	106	
...lorotoluene	ug/kg	50	53.00	106	
...,2,4 Trimethylbenzene	ug/kg	50	52.00	104	
...Butylbenzene	ug/kg	50	52.00	104	
...t-Butylbenzene	ug/kg	50	52.00	104	
...opropyltoluene	ug/kg	50	52.00	104	
...3-Dichlorobenzene	ug/kg	50	52.00	104	
1,4-Dichlorobenzene	ug/kg	50	52.00	104	
...Butylbenzene	ug/kg	50	53.00	106	
...2-Dichlorobenzene	ug/kg	50	51.00	102	
...Dibromo-3-Chloropropane	ug/kg	50	46.00	92.0	
...2,4 Trichlorobenzene	ug/kg	50	50.00	100	
Hexachlorobutadiene	ug/kg	50	51.00	102	
...phthalene	ug/kg	50	46.00	92.0	
...,3 Trichlorobenzene	ug/kg	50	48.00	96.0	
...us 1,3-Dichloropropene	ug/kg	50	55.00	110	
...1,3 Dichloropropene	ug/kg	50	55.00	110	
Dibromofluoromethane (S)				98	

QUALITY CONTROL DATA

Pace Project Number: 1001154
Client Project ID: 980621-04

LABORATORY CONTROL SAMPLE: 10719706

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Toluene-d8 (S)				96	
4 Bromofluorobenzene (S)				96	
2-Dichloroethane-d4 (S)				98	

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

Not Detected
Not Calculable
PRL Pace Reporting Limit
RPD Relative Percent Difference
S Surrogate
J Detected but below the PRL, therefore, result is an estimated concentration (CLP J-Flag).
B Common laboratory contaminant.

Pace Analytical

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980623-04

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423480

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☒ 1 Week 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date: 7/8/98

Sampler Signature: CHRIS MERRITT Date Sampled: 6/19/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020	8260 (9)	8270 (18)	8080 (4)	REMARKS
1	TTBX-2-3.0	0956	SOIL								X	X	X		X		(6) RUSHES DUE 6/29/98
2	TTBX-2-5.0	0956									X	X	X		X		
3	TTBX-2-10.0	1000									X	X	X		X		RUSH
4	TTBX-2-15.0	1009									X	X	X		X		ARCHIVE
5	TTBS-2-5	1153									X	X	X		X		
6	TTBS-2-3.0	1157									X	X	X		X		
7	TTBS-2-5.0	1159									X	X	X		X		
8	TTBS-2-10.0	1200									X	X	X		X		RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
FedEx	8048 3227 0763	6/19/98	

Additional Comments:
Arrival 6/22/98 13:10pm
FEDEX MISSED SATURDAY DELIVER

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/19/98	1600	FED EX	6/19/98	
				Hung Cam / Pace	6/22/98	1230

SAMPLE CONDITION

Temp: 23°C °C | Received on Ice: Y (N) | Sealed Cooler: (Y) N | Samples Intact: (Y) N

Pace Analytical

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980623-04

423479

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date: 7/8

Sampler Signature: CHRIS MERRITT Date Sampled: 6/19/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	602	8260	8270	8080	REMARKS
1	TTBZ-1-10.0	0832	SOIL		1						X	X	X		X		RUSH
2	TTBZ-1-15.0	0841			1						X	X	X		X		ARCHIVE
3	TTBY-1-5	0914			1						X	X	X		X		
4	TTBY-1-3.0	0922			1						X	X	X		X		
5	TTBY-1-5.0	0922			1						X	X	X		X		
6	TTBY-1-10.0	0925			1						X	X	X		X		RUSH
7	TTBY-1-15.0	0935			1						X	X	X		X		ARCHIVE
8	TTBX-2-5	0954			1						X	X		X		X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/19/98	1600	FED EX	6/19/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical

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980623-04

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423478

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS
Address: 1320 W. WINTON AVE. HAYWARD CA 94545	Bill To: SAME
Phone: 510 785 1111	P.O. # / Billing Reference: 86001 TBT
	Project Name / No.: CALTRANS TBT

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 6/18/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM17	8020	8260	8270	8080	REMARKS
1	TTBX-1-5	0740	SOIL		1						X	X	X		X		
2	TTBX-1-3.0	0743			1						X	X	X		X		
3	TTBX-1-5.0	0748			1						X	X	X		X		
4	TTBX-1-10.0	0746			1						X	X	X		X		
5	TTBX-1-15.0	0755			1						X	X	X		X		RUSH ARCHIVE.
6	TTBZ-1-5	0825			1						X	X	X		X		
7	TTBZ-1-3.0	0829			1						X	X	X		X		
8	TTBZ-1-5.0	0829			1						X	X	X		X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FED EX	6/19/98	

SAMPLE CONDITION

Temp: ___ ___ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical

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980623-04

423481

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME
Phone: 510 785 1111	P.O. # / Billing Reference: 86001 TBT
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/19/98

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM17	8020	8260	8270	2080	REMARKS
1	TTBS-2-15.0	1207	SOIL								X	X		X		X	ARCHIVE
2	TTBS-1-5	1227									X	X	X		X		
3	TTBS-1-3.0	1233									X	X	X		X		
4	TTBS-1-5.0	1238									X	X	X		X		
5	TTBS-1-10.0	1235									X	X	X		X		
6	TTBS-1-15.0	1240									X	X	X		X		RUSH ARCHIVE
7	TTBU-1-5										X	X	X		X		
8	TTBX-2-W										X	X	X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/19/98	1600	FED EX	6/19/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

ace Analytical

4105J

CHAIN-OF-CUSTODY RECORD
Analytical Request

Caltrans TBT	Report To: Richard Villafania	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☒ 1 Week (2 Weeks) ☐ Normal 14 Days	Pace Client No.
ress	Bill To:		Pace Project Manager RV
	P.O. # / Billing Reference		Pace Project No. 980623-03
	Project Name / No. 13477A		*Requested Due Date: May 30 June 30, July 6 1998

pled By (PRINT):

pler Signature Date Sampled

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8260	8270	8080	REMARKS
WTTB64-1		W	701514	3				X		X	X		3 VOAs, 2 (1) Lamber
WTTBO-1		W	701522	3				X		X	X		3 VOAs, (2) 1L amber

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

tional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	RWD	6/23/98				

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: TRANSBAY TERMINAL
Site Location:

PACE ANALYTICAL Project #: 980623-06
PACE ANALYTICAL WO #: 13475A
Client ID #: 575-8G001

Date: 7/23/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/22/98 and received on 06/23/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Soil)	2-13
TPH-Speciation (Soil)	14-17
BTEX (Soil)	18-22
List of Abbreviations and Definitions	23

In addition the analysis for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1235

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-8256

Pace Analytical

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB64-1-1	TTB64-1-3	TTB64-1-5	TTB64-1-10	TTB65-2-1	TTB65-2-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/11/98	07/11/98	07/11/98	07/11/98	07/11/98	07/11/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	12	<5.0	<5.0	<5.0	7.5	<5.0	5.0	6010
Barium (Ba)	110	35	27	130	190	57	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.5	6010
Cadmium (Cd)	0.6	<0.5	<0.5	<0.5	0.5	<0.5	0.5	6010
Chromium (Cr)	25	29	28	30	16	25	0.5	6010
Cobalt (Co)	9.5	4.0	3.8	4.7	16	4.2	1.0	6010
Copper (Cu)	41	23	16	27	22	170	2.5	6010
Lead (Pb)	73	94	39	140	13	210	1.0	6010
Mercury (Hg)*	0.23	0.16	0.22	0.25	0.07	0.25	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	28	18	16	22	30	18	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	11	<5.0	<5.0	<5.0	11	5.2	5.0	6010
Vanadium (V)	28	23	21	24	18	21	0.5	6010
Zinc (Zn)	85	84	94	91	62	260	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/02/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB65-2-5	TTB65-2-10	TTB65-3-1	TTB65-3-3	TTB65-3-5	TTB65-3-10	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/11/98	07/11/98	07/11/98	07/11/98	07/11/98	07/11/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	8.0	<5.0	20	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	55	46	160	70	55	64	10	6010
Beryllium (Be)	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.7	<0.5	0.8	<0.5	0.5	<0.5	0.5	6010
Chromium (Cr)	27	25	19	31	25	69	0.5	6010
Cobalt (Co)	4.1	4.2	15	4.3	4.0	9.6	1.0	6010
Copper (Cu)	210	47	24	120	77	31	2.5	6010
Lead (Pb)	2300	95	14	220	180	160	1.0	6010
Mercury (Hg)*	0.53	0.39	0.05	0.40	0.34	0.29	0.05	7471
Molybdenum (Mo)	17	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	25	18	40	19	17	110	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	7.2	<5.0	16	6.3	4.1	6.8	5.0	6010
Vanadium (V)	22	22	30	23	17	27	0.5	6010
Zinc (Zn)	290	120	67	250	180	130	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/02/98

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB65-4-1	TTB65-4-3	TTB65-4-5	TTB65-4-10	TTB64-2-1	TTB64-2-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/11/98	07/11/98	07/11/98	07/11/98	07/11/98	07/11/98		
Analyte								
Antimony (Sb)	<5.0	7.2	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.6	<5.0	<5.0	<5.0	12	6.0	5.0	6010
Barium (Ba)	120	48	56	71	210	47	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.6	0.6	0.7	0.5	6010
Chromium (Cr)	21	24	28	29	22	27	0.5	6010
Cobalt (Co)	9.6	3.8	4.2	3.9	17	6.4	1.0	6010
Copper (Cu)	21	200	100	130	31	120	2.5	6010
Lead (Pb)	9.8	210	240	200	18	73	1.0	6010
Mercury (Hg)*	0.42	0.35	0.87	0.33	0.19	0.70	0.05	7471
Molybdenum (Mo)	<2.5	5.6	6.3	5.4	<2.5	<2.5	2.5	6010
Nickel (Ni)	31	21	20	21	40	17	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	9.2	<5.0	5.2	<5.0	13	17	5.0	6010
Vanadium (V)	18	18	21	21	23	26	0.5	6010
Zinc (Zn)	45	230	270	210	74	91	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/02/98

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
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Pace Analytical

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB64-2-5	TTB64-2-10	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/11/98	07/11/98	07/11/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	200	30	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	<0.5	<0.5	0.5	6010
Chromium (Cr)	26	32	<0.5	0.5	6010
Cobalt (Co)	4.4	4.3	<1.0	1.0	6010
Copper (Cu)	80	19	<2.5	2.5	6010
Lead (Pb)	220	79	<1.0	1.0	6010
Mercury (Hg)*	0.33	0.16	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	18	18	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	24	27	<0.5	0.5	6010
Zinc (Zn)	280	230	<10	10	6010
DF	1	1	1		

*Mercury analyzed on 07/02/98

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		07/11/98		07/11/98	07/11/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	98	70-130	60	67	60-130	11	0-25
Arsenic (As)	6010	100	78-104	82	109	34-135	28**	0-15
Barium (Ba)	6010	99	81-117	82	83	56-130	1.2	0-25
Beryllium (Be)	6010	100	70-130	83	94	70-130	12	0-25
Cadmium (Cd)	6010	90	75-104	77	90	73-115	16**	0-15
Chromium (Cr)	6010	97	81-103	79	82	62-125	3.7	0-15
Cobalt (Co)	6010	94	70-130	75	83	70-130	10	0-25
Copper (Cu)	6010	102	70-130	27**	56**	70-140	70**	0-25
Lead (Pb)	6010	89	76-104	67	70	48-120	4.4	0-30
Mercury (Hg)*	7471	101	76-121	134	126	70-135	6.0	0-30
Molybdenum (Mo)	6010	101	70-130	82	98	70-130	18	0-25
Nickel (Ni)	6010	93	70-130	74	80	70-130	7.8	0-25
Selenium (Se)	6010	98	79-102	79	88	42-120	11	0-15
Silver (Ag)	6010	91	77-107	72	77	53-115	6.7	0-19
Thallium (Tl)	6010	105	70-130	76	116	70-130	42**	0-25
Vanadium (V)	6010	102	70-130	82	86	70-130	4.8	0-25
Zinc (Zn)	6010	95	70-130	65**	80	70-130	21	0-25

*Mercury analyzed on 07/02/98
**Sample matrix effect.

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Pace Analytical

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB64-3-1	TTB64-3-3	TTB64-3-5	TTB64-3-10	TTB65-1-1	TTB65-1-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/21/98	07/21/98	07/21/98	07/21/98	07/21/98	07/21/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	6.3	5.0	6010
Arsenic (As)	6.0	5.8	5.4	6.0	7.9	7.1	5.0	6010
Barium (Ba)	49	45	48	58	74	64	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.6	<0.5	<0.5	0.8	<0.5	0.5	6010
Chromium (Cr)	27	25	29	23	26	24	0.5	6010
Cobalt (Co)	4.5	3.8	4.0	4.6	5.6	3.7	1.0	6010
Copper (Cu)	26	45	48	82	80	160	2.5	6010
Lead (Pb)	71	110	160	100	160	420	1.0	6010
Mercury (Hg)*	0.23	0.32	0.34	0.23	0.41	0.38	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.6	2.5	6010
Nickel (Ni)	19	18	17	18	23	17	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	21	19	22	18	20	22	0.5	6010
Zinc (Zn)	100	140	130	130	170	280	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/02/98.

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Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB65-1-5	TTB65-1-10	TTB62-3-1	TTB62-3-3	TTB62-3-5	TTB63-3-1		EPA
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	PRL mg/kg	Method
Date Analyzed:	07/21/98	07/21/98	07/21/98	07/21/98	07/21/98	07/21/98		
Analyte								
Antimony (Sb)	8.1	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	6.7	12	6.2	6.4	5.9	6.2	5.0	6010
Barium (Ba)	60	70	41	22	56	52	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.8	12	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	27	24	24	24	25	25	0.5	6010
Cobalt (Co)	4.0	3.4	4.8	4.0	3.8	4.9	1.0	6010
Copper (Cu)	240	240	20	10	11	410	2.5	6010
Lead (Pb)	290	340	82	47	330	180	1.0	6010
Mercury (Hg)*	0.40	0.32	0.18	0.07	0.10	0.54	0.05	7471
Molybdenum (Mo)	4.9	<2.5	<2.5	<2.5	<2.5	2.5	2.5	6010
Nickel (Ni)	22	17	19	17	16	20	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	20	18	19	19	21	20	0.5	6010
Zinc (Zn)	350	1100	66	41	70	140	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/02/98.

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Pace Analytical

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB63-3-3	TTB63-3-5	TTB63-4-1	TTB63-4-3	TTB63-4-5	TTB63-4-10	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/21/98	07/21/98	07/21/98	07/21/98	07/21/98	07/21/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	11	6.2	5.7	4.6	7.5	10	5.0	6010
Barium (Ba)	88	58	35	24	37	58	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	180	30	27	26	28	28	0.5	6010
Cobalt (Co)	4.9	4.1	4.3	3.9	4.4	5.4	1.0	6010
Copper (Cu)	44	110	26	16	82	93	2.5	6010
Lead (Pb)	37	270	100	36	39	120	1.0	6010
Mercury (Hg)*	0.51	0.41	0.56	0.37	0.22	0.31	0.05	7471
Molybdenum (Mo)	69	3.4	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	27	19	17	17	18	19	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	23	21	22	20	22	23	0.5	6010
Zinc (Zn)	63	300	110	55	52	160	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/02/98.

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Pace Analytical

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB63-2-1	TTB63-2-3	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/21/98	07/21/98	07/21/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	9.5	19	<5.0	5.0	6010
Barium (Ba)	73	93	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	1.7	<0.5	0.5	6010
Chromium (Cr)	26	26	<0.5	0.5	6010
Cobalt (Co)	7.4	7.9	<1.0	1.0	6010
Copper (Cu)	45	260	<2.5	2.5	6010
Lead (Pb)	100	310	<1.0	1.0	6010
Mercury (Hg)*	0.34	0.84	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	7.3	<2.5	2.5	6010
Nickel (Ni)	24	27	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	5.5	<5.0	5.0	6010
Vanadium (V)	21	29	<0.5	0.5	6010
Zinc (Zn)	110	360	<10	10	6010
DF	1	1	1		

*Mercury analyzed on 07/02/98.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		07/21/98		07/21/98	07/21/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	98	70-130	42**	41**	60-130	2.4	0-25
Arsenic (As)	6010	94	78-104	92	87	34-135	5.6	0-15
Barium (Ba)	6010	97	81-117	96	87	55-130	8.8	0-25
Beryllium (Be)	6010	97	70-130	97	89	70-130	8.6	0-25
Cadmium (Cd)	6010	96	75-104	89	85	73-115	4.6	0-15
Chromium (Cr)	6010	99	81-103	91	96	62-125	4.3	0-15
Cobalt (Co)	6010	98	70-130	91	87	70-130	4.5	0-25
Copper (Cu)	6010	104	70-130	39**	70	70-140	57**	0-25
Lead (Pb)	6010	98	76-104	380**	98	48-120	118**	0-30
Mercury (Hg)*	7471	100	76-121	109	94	70-135	15	0-30
Molybdenum (Mo)	6010	99	70-130	88	82	70-130	7.1	0-25
Nickel (Ni)	6010	97	70-130	89	85	70-130	4.6	0-25
Selenium (Se)	6010	96	79-102	90	83	42-120	8.1	0-15
Silver (Ag)	6010	92	77-107	89	82	53-115	8.2	0-19
Thallium (Tl)	6010	97	70-130	88	82	70-130	7.1	0-25
Vanadium (V)	6010	99	70-130	101	99	70-130	2.0	0-25
Zinc (Zn)	6010	102	70-130	75	77	70-130	2.6	0-25

*Mercury analyzed on 07/02/98
**Sample matrix effect.

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Pace Analytical

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB63-2-5	TTB63-1-1	TTB63-1-3	TTB63-1-5	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/21/98	07/21/98	07/21/98	07/21/98	07/21/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	6.4	20	6.0	5.5	<5.0	5.0	6010
Barium (Ba)	65	180	25	34	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	29	19	28	28	<0.5	0.5	6010
Cobalt (Co)	4.5	19	4.5	4.0	<1.0	1.0	6010
Copper (Cu)	77	23	260	28	<2.5	2.5	6010
Lead (Pb)	280	42	56	72	<1.0	1.0	6010
Mercury (Hg)*	0.48	0.42	0.17	0.16	<0.05	0.05	7471
Molybdenum (Mo)	6.3	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	21	39	17	19	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	23	24	23	21	<0.5	0.5	6010
Zinc (Zn)	190	59	93	72	<10	10	6010
DF	1	1	1	1	1		

*Mercury analyzed on 07/02/98.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		07/21/98		07/21/98	07/21/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	98	70-130	50**	55**	60-130	9.5	0-25
Arsenic (As)	6010	94	78-104	81	81	34-135	0.0	0-15
Barium (Ba)	6010	99	81-117	87	87	55-130	0.0	0-25
Beryllium (Be)	6010	96	70-130	83	84	70-130	1.2	0-25
Cadmium (Cd)	6010	95	75-104	80	81	73-115	1.2	0-15
Chromium (Cr)	6010	98	81-103	85	80	62-125	6.1	0-15
Cobalt (Co)	6010	96	70-130	80	81	70-130	1.2	0-25
Copper (Cu)	6010	99	70-130	110	81	70-140	30**	0-25
Lead (Pb)	6010	96	76-104	584**	136**	48-120	124**	0-30
Mercury (Hg)	7471	110	76-121	75	77	70-135	3.0	0-30
Molybdenum (Mo)	6010	99	70-130	150**	86	70-130	54**	0-25
Nickel (Ni)	6010	96	70-130	91	79	70-130	14	0-25
Selenium (Se)	6010	95	79-102	77	79	42-120	2.6	0-16
Silver (Ag)	6010	92	77-107	80	81	53-115	1.2	0-19
Thallium (Tl)	6010	97	70-130	78	83	70-130	6.2	0-25
Vanadium (V)	6010	99	70-130	90	86	70-130	5.7	0-25
Zinc (Zn)	6010	100	70-130	79	75	70-130	5.2	0-25

*Mercury analyzed on 07/02/98.
**Sample matrix effect.

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Pace Analytical

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	06/26/98	<10	---	10	1
TTB64-1-10	06/26/98	<10	---	10	1
TTB65-2-10	06/26/98	<10	---	10	1
TTB65-3-10	06/26/98	<10	---	10	1
TTB65-4-10	06/26/98	<10	---	10	1
TTB64-2-10	06/26/98	<10	---	10	1
TTB64-3-10	06/26/98	<10	---	10	1
TTB65-1-10	06/26/98	<10	---	10	1
TTB62-3-5	06/26/98	<10	---	10	1
TTB63-3-5	06/26/98	<10	---	10	1
TTB63-4-10	06/27/98	<10	---	10	1
TTB64-1-1	07/03/98	<10	---	10	1
TTB64-1-3	07/03/98	<10	---	10	1
TTB64-1-5	07/03/98	<10	---	10	1
TTB65-2-1	07/03/98	<10	---	10	1
TTB65-2-3	07/03/98	<10	---	10	1
TTB65-2-5	07/03/98	<10	---	10	1
TTB65-3-1	07/03/98	50	C14-C40 Oil	10	1
TTB65-3-3	07/03/98	<10	---	10	1
TTB65-3-5	07/03/98	<10	---	10	1
TTB65-4-1	07/03/98	<10	---	10	1
TTB65-4-3	07/03/98	<10	---	10	1
TTB65-4-5	07/03/98	<10	---	10	1
TTB64-2-1	07/03/98	40	C14-C40 Oil	10	1
TTB64-2-3	07/03/98	<10	---	10	1
TTB64-2-5	07/03/98	<10	---	10	1
TTB64-3-1	07/03/98	<10	---	10	1
TTB64-3-3	07/03/98	<10	---	10	1
TTB64-3-5	07/03/98	<10	---	10	1
TTB65-1-1	07/03/98	<10	---	10	1
TTB65-1-3	07/03/98	<10	---	10	1

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/26/98		06/26/98	06/26/98			
TPH-Speciation	114	80-120	105	92	70-130	13	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/27/98		06/27/98	06/27/98			
TPH-Speciation	91	80-120	108	123	70-130	13	0-30

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/03/98		07/03/98	07/03/98			
TPH-Speciation	87	80-120	92	95	70-130	3.2	0-30

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Analyst: AN/WK
Preparation Analyst: AN/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	07/04/98	<10	---	10	1
TTB65-1-5	07/04/98	<10	---	10	1
TTB62-3-1	07/04/98	170	C14-C40 Oil	10	1
TTB62-3-3	07/04/98	<10	---	10	1
TTB63-3-1	07/04/98	<10	---	10	1
TTB63-3-3	07/04/98	<10	---	10	1
TTB63-4-1	07/04/98	<10	---	10	1
TTB63-4-3	07/04/98	<10	---	10	1
TTB63-4-5	07/04/98	70	C14-C40 Oil	10	1
TTB63-2-1	07/04/98	<10	---	10	1
TTB63-2-3	07/04/98	<10	---	10	1
TTB63-2-5	07/04/98	<10	---	10	1
TTB63-1-1	07/04/98	230	C10-C40 Oil	10	1
TTB63-1-3	07/04/98	<10	---	10	1
TTB63-1-5	07/04/98	<10	---	10	1

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: AN/WK
Preparation Analyst: AN/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/04/98		07/04/98	07/04/98			
TPH-Speciation	95	80-120	99	113	70-130	13	0-30

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Pace Analytical

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTB65-3-1	TTB65-3-3	TTB65-3-10	TTB64-2-1	TTB64-2-3	TTB64-2-5	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/26/98	06/26/98	06/26/98	06/26/98	06/26/98	06/26/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	99	103	100	92	102	101	59-134

Client ID:	TTB64-2-10	TTB65-1-1	TTB65-1-3	TTB65-1-5	TTB65-1-10	TTB62-3-1	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/26/98	06/26/98	06/26/98	06/26/98	06/26/98	06/26/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	100	101	96	100	92	99	59-134

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Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTB62-3-1	TTB62-3-3	TTB62-3-5	TTB63-3-1	TTB63-3-3	TTB63-3-5	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/26/98	06/26/98	06/26/98	06/26/98	06/26/98	06/26/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	97	86	101	99	98	87	59-134

Client ID:	TTB63-1-1	TTB63-1-3	Method Blank	
Units:	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/26/98	06/26/98	06/26/98	
Analyte				
Benzene	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	15
DF	1	1	1	
Surrogate Recovery %:				Acceptable Range:
a,a,a-Trifluorotoluene	100	96	98	59-134

REPORT OF LABORATORY ANALYSIS

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/26/98		06/26/98	06/26/98			
Analyte							
Benzene	100	74-116	101	97	72-115	4.0	0-26
Toluene	102	73-116	102	98	70-114	4.0	0-22
Ethylbenzene	103	75-118	103	98	68-119	5.0	0-24
Total Xylenes	103	78-120	103	98	74-117	5.0	0-22

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Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTB63-1-5	Method Blank	TTB65-3-5	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	06/26/98	06/26/98	06/29/98	06/29/98	
Analyte					
Benzene	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	15
DF	1	1	1	1	
Surrogate Recovery %:					Acceptable Range:
a,a,a-Trifluorotoluene	94	102	97	97	59-134

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/26/98		06/26/98	06/26/98			
Analyte							
Benzene	100	74-116	98	99	72-115	1.0	0-26
Toluene	102	73-116	100	101	70-114	1.0	0-22
Ethylbenzene	104	75-118	102	103	68-119	1.0	0-24
Total Xylenes	96	78-120	102	102	74-117	0.0	0-22

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/29/98		06/29/98	06/29/98			
Analyte							
Benzene	87	74-116	92	91	72-115	1.1	0-26
Toluene	90	73-116	94	92	70-114	2.2	0-22
Ethylbenzene	91	75-118	98	92	68-119	6.3	0-24
Total Xylenes	91	78-120	97	91	74-117	6.4	0-22

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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July 16, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 108153
Client Project ID: 980623.04

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on June 24, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

Pace Analytical

DATE: 07/16/98
PAGE: 1

e Analytical Long Beach SC
0 Gilman Street
Long Beach, CA 90815

Pace Project Number: 104153
Client Project ID: 980621-06

n: Mr. Richard Villafania
Phone: (562)498-9515

id results are reported on a wet weight basis

e Sample No: 10701670 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB64-1 1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
VMS -- VOA							
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/05/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/05/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/05/98	TAW	75 01 4	
Bromomethane	ND	ug/kg	5	07/05/98	TAW	74 83 9	
Chloroethane	ND	ug/kg	5	07/05/98	TAW	75 00 3	
Trichlorofluoromethane	ND	ug/kg	5	07/05/98	TAW	75 69 4	
Methylene Chloride	2.0	ug/kg	5	07/05/98	TAW	75 09 2	1,2,7
1,1-Dichloroethene	ND	ug/kg	5	07/05/98	TAW	75-35-4	
trans-1,2 Dichloroethene	ND	ug/kg	5	07/05/98	TAW	156-60 5	
1,1 Dichloroethane	ND	ug/kg	5	07/05/98	TAW	75 34 3	
2,2-Dichloropropane	ND	ug/kg	5	07/05/98	TAW	590 20 7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/05/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/05/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/05/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/05/98	TAW	71 55 6	
Carbon Tetrachloride	ND	ug/kg	5	07/05/98	TAW	56 23 5	
1,1-Dichloropropene	ND	ug/kg	5	07/05/98	TAW	563-58 6	
Benzene	ND	ug/kg	5	07/05/98	TAW	71-43 2	
1,2-Dichloroethane	ND	ug/kg	5	07/05/98	TAW	107 06 2	
Trichloroethene	ND	ug/kg	5	07/05/98	TAW	79-01 6	
1,2-Dichloropropane	ND	ug/kg	5	07/05/98	TAW	78-87 5	
Bromodichloromethane	ND	ug/kg	5	07/05/98	TAW	75-27 4	
Dibromomethane	ND	ug/kg	5	07/05/98	TAW	74-95 3	
Toluene	ND	ug/kg	5	07/05/98	TAW	108 88 3	
1,1,2 Trichloroethane	ND	ug/kg	5	07/05/98	TAW	79 00 5	
Tetrachloroethene	ND	ug/kg	5	07/05/98	TAW	127-18-4	

Pace Project Number: 108153
Client Project ID: 980623-06

Pace Sample No: 10781690 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TRM4-1-1 Date Received: 06/24/98

Analyte	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,3-Dichloropropane	ND	ug/kg	5	07/05/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/05/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/05/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/05/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/05/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/05/98	TAW	100-41-4	
M&P-Xylene	7.5	ug/kg	5	07/05/98	TAW	7816-60-0	2
O-Xylene (1,2 Dimethylbenzene)	1.8	ug/kg	5	07/05/98	TAW	95-47-6	2
Styrene	ND	ug/kg	5	07/05/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/05/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/05/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/05/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/05/98	TAW	108-86-1	
1,2,3 Trichloropropane	ND	ug/kg	5	07/05/98	TAW	96-18-4	
n Propylbenzene	ND	ug/kg	5	07/05/98	TAW	103-65-1	
2 Chlorotoluene	ND	ug/kg	5	07/05/98	TAW	95-49-8	
1,3,5 Trimethylbenzene	ND	ug/kg	5	07/05/98	TAW	108-67-8	
4 Chlorotoluene	ND	ug/kg	5	07/05/98	TAW	106-43-4	
1,2,4 Trimethylbenzene	ND	ug/kg	5	07/05/98	TAW	95-63-6	
sec Butylbenzene	ND	ug/kg	5	07/05/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/05/98	TAW	98-06-6	
p Isopropyltoluene	ND	ug/kg	5	07/05/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/05/98	TAW	541-73-1	
1,4 Dichlorobenzene	ND	ug/kg	5	07/05/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/05/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/05/98	TAW	95-50-1	
1,2-Dibromo 3-Chloropropane	ND	ug/kg	5	07/05/98	TAW	96-12-8	
1,2,4 Trichlorobenzene	ND	ug/kg	5	07/05/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/05/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/05/98	TAW	91-20-3	
1,2,3 Trichlorobenzene	ND	ug/kg	5	07/05/98	TAW	87-61-6	
trans 1,3 Dichloropropene	ND	ug/kg	5	07/05/98	TAW	10061-02-6	
cis 1,3 Dichloropropene	ND	ug/kg	5	07/05/98	TAW	10061-01-5	
2 Chloroethyl Vinyl Ether	ND	ug/kg	5	07/05/98	TAW	110-75-8	
Acetone	7.4	ug/kg	20	07/05/98	TAW	67-64-1	1,3
2 Butanone	ND	ug/kg	10	07/05/98	TAW	78-93-3	
4 Methyl 2 Pentanone	ND	ug/kg	10	07/05/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/05/98	TAW	75-15-0	
2 Hexanone	ND	ug/kg	100	07/05/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/05/98	TAW	108-05-4	

Pace Project Number: 108193
Client Project ID: 980623-06

Pace Sample No: 10701670 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB64-1-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Methyl-tert-butyl Ether	ND	ug/kg	5	07/05/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/05/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/05/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/05/98	TAW	637-92-3	
Tert-Amylmethyl ether	ND	ug/kg	5	07/05/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/05/98	TAW	75-65-0	
Dibromofluoromethane (S)	94	%		07/05/98	TAW	1868-53-7	
Toluene-d8 (S)	102	%		07/05/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	94	%		07/05/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%		07/05/98	TAW	17060-07-0	

Pace Project Number: 108153
Client Project ID: 980623-06

Lab Sample No: 10701688 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB64-1-3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/05/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/05/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/05/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/05/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/05/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/05/98	TAW	75-69-4	
Methylene Chloride	1.7	ug/kg	5	07/05/98	TAW	75-09-2	1,2,3
1,1-Dichloroethene	ND	ug/kg	5	07/05/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/05/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/05/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/05/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/05/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/05/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/05/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/05/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/05/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/05/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/05/98	TAW	71-43-2	
1,2 Dichloroethane	ND	ug/kg	5	07/05/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/05/98	TAW	79-01-6	
1,2 Dichloropropane	ND	ug/kg	5	07/05/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/05/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/05/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/05/98	TAW	108-88-3	
1,1,2 Trichloroethane	ND	ug/kg	5	07/05/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/05/98	TAW	127-18-4	
1,3 Dichloropropane	ND	ug/kg	5	07/05/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/05/98	TAW	124-48-1	
1,2 Dibromoethane	ND	ug/kg	5	07/05/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/05/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/05/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/05/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/05/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/05/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/05/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/05/98	TAW	75-25-2	

Pace Project Number: 108153
Client Project ID: 980623-06

Pace Sample No: 1078168
Client Sample ID: TTMW4-1-3

Date Collected: 06/22/98
Date Received: 06/24/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/05/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/05/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/05/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/05/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/05/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/05/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/05/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/05/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/05/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/05/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/05/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/05/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/05/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/05/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/05/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/05/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/05/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/05/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/05/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/05/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/05/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/05/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/05/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/05/98	TAW	110-75-8	
Acetone	12	ug/kg	20	07/05/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/05/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/05/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/05/98	TAW	75-15-0	
2 Hexanone	ND	ug/kg	100	07/05/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/05/98	TAW	108 05 4	
Methyl-tert butyl Ether	ND	ug/kg	5	07/05/98	TAW	1634 04 4	
Ethanol	ND	ug/kg	500	07/05/98	TAW	64 17 5	
Isopropyl Ether	ND	ug/kg	5	07/05/98	TAW	108 20 3	
Ethyl tert butyl ether	ND	ug/kg	5	07/05/98	TAW	637 92 3	
tert Amylmethyl ether	ND	ug/kg	5	07/05/98	TAW	994 05 8	
2-Methyl-2-propanol	ND	ug/kg	100	07/05/98	TAW	75 65 0	
Dibromofluoromethane (S)	94	%		07/05/98	TAW	1868-53-7	
Toluene-d8 (S)	102	%		07/05/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	94	%		07/05/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%		07/05/98	TAW	17060-07-0	

Pace Project Number: 108151
Client Project ID: 980621-06

Pace Sample No: 10701696 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB64-1-5 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA							
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/05/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/05/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/05/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/05/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/05/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/05/98	TAW	75-69-4	
Methylene Chloride	1.7	ug/kg	5	07/05/98	TAW	75-09-2	1,2,3
1,1-Dichloroethene	ND	ug/kg	5	07/05/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/05/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/05/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/05/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/05/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/05/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/05/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/05/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/05/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/05/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/05/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/05/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/05/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/05/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/05/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/05/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/05/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/05/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/05/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/05/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/05/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/05/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/05/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/05/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/05/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/05/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/05/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/05/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/05/98	TAW	75-25-2	

Pace Analytical Services, Inc.
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Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: TRANSBAY TERMINAL
Site Location:

PACE ANALYTICAL Project #: 980623-08
PACE ANALYTICAL WO #: 13477A
Client ID #: 575-8G001

Date: 7/6/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/20/98 and received on 06/22/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Water)	2-3
BTEX (Water)	4-5
TPH Speciation (Water)	6-7
List of Abbreviations and Definitions	8

In addition the analysis for 8270, 8260 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by:
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980623-08
PACE ANALYTICAL WO#:13477A
Client ID#:575-8C001

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Water

ANALYSIS OF CCR TITLE 22/Z6 TTLC METALS

Client ID:	WTTB64-1	WTTB0-1	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	
Date Analyzed:	06/30/98	06/30/98	06/30/98		
Analyte					
Antimony (Sb)	<0.13	<0.13	<0.13	0.13	6010
Arsenic (As)	0.2	<0.13	<0.13	0.13	6010
Barium (Ba)	<0.25	<0.25	<0.25	0.25	6010
Beryllium (Be)	<0.013	<0.013	<0.013	0.013	6010
Cadmium (Cd)	<0.013	<0.013	<0.013	0.013	6010
Chromium (Cr)	<0.013	<0.013	<0.013	0.013	6010
Cobalt (Co)	<0.25	<0.25	<0.25	0.25	6010
Copper (Cu)	<0.063	<0.063	<0.063	0.063	6010
Lead (Pb)	<0.038	<0.038	<0.038	0.038	6010
Mercury (Hg)	0.0003	0.0004	<0.0002	0.0002	7471
Molybdenum (Mo)	<0.063	<0.063	<0.063	0.063	6010
Nickel (Ni)	<0.013	<0.013	<0.013	0.013	6010
Selenium (Se)	<0.063	<0.063	<0.063	0.063	6010
Silver (Ag)	<0.013	<0.013	<0.013	0.013	6010
Thallium (Tl)	<0.13	<0.13	<0.13	0.13	6010
Vanadium (V)	<0.013	<0.013	<0.013	0.013	6010
Zinc (Zn)	<0.25	<0.25	<0.25	0.25	6010
DF	1	1	1		

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PACE ANALYTICAL Project#:980623-08
PACE ANALYTICAL WO#:13477A
Client ID#:575-BG001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		ICV % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/30/98		06/30/98	06/30/98			
Analyte	EPA Method							
Antimony (Sb)	6010	100	70-130	102	102	70-130	0.0	0-25
Arsenic (As)	6010	100	70-130	102	102	79-118	0.0	0-9
Barium (Ba)	6010	98	70-130	104	104	76-114	0.0	0-9
Beryllium (Be)	6010	99	70-130	99	99	70-130	0.0	0-25
Cadmium (Cd)	6010	99	70-130	102	102	78-108	0.0	0-9
Chromium (Cr)	6010	98	70-130	101	102	75-108	1.0	0-9
Cobalt (Co)	6010	99	70-130	100	100	70-130	0.0	0-25
Copper (Cu)	6010	99	70-130	104	104	70-130	0.0	0-25
Lead (Pb)	6010	99	70-130	104	103	74-106	1.0	0-9
Mercury (Hg)	7471	99	70-130	84	84	80-122	0.0	0-10
Molybdenum (Mo)	6010	99	70-130	101	101	70-130	0.0	0-25
Nickel (Ni)	6010	99	70-130	100	100	70-130	0.0	0-25
Selenium (Se)	6010	99	70-130	106	106	77-120	0.0	0-10
Silver (Ag)	6010	101	70-130	84	84	69-110	0.0	0-8
Thallium (Tl)	6010	97	70-130	103	103	70-130	0.0	0-25
Vanadium (V)	6010	99	70-130	102	102	70-130	0.0	0-25
Zinc (Zn)	6010	98	70-130	102	102	70-130	0.0	0-25

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PACE ANALYTICAL Project#:980623-08
PACE ANALYTICAL WO#:13477A
Client ID#:575-8G001

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	WTTB64-1	WTTB0-1	Method Blank	MDL
Units:	µg/L	µg/L	µg/L	µg/L
Analysis Date:	08/25/98	08/25/98	08/25/98	
Analyte				
Benzene	<0.3	<0.3	<0.3	0.3
Toluene	<0.3	<0.3	<0.3	0.3
Ethylbenzene	<0.6	<0.6	<0.6	0.6
Total Xylenes	<0.6	<0.6	<0.6	0.6
DF	1	1	1	
Surrogate Recovery %:				Acceptable Range:
a,a,a-Trifluorotoluene	87	87	92	62-131

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/25/98		06/25/98	06/25/98			
Analyte							
Benzene	88	80-120	92	83	61-127	10	0-21
Toluene	93	80-120	96	86	61-116	11	0-16
Ethylbenzene	96	80-120	96	87	62-117	9.8	0-20
Total Xylenes	96	80-120	98	90	68-125	8.5	0-21

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Pace Analytical

PACE ANALYTICAL Project#:980623-08
PACE ANALYTICAL WO#:134 7A
Client ID#:575-8G001

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/L	RPL mg/L	DF
Client ID:	Analysis Date			
Method Blank	08/27/98	<5.0	5.0	1
WTTB64-1	08/27/98	<5.0	5.0	1
WTTB0-1	08/27/98	<5.0	5.0	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980623-08
PACE ANALYTICAL WO#:13477A
Client ID#:575-BC001

QUALITY CONTROL/QUALITY ASSURANCE REPORT

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis date:	06/27/98		06/27/98	06/27/98			
TPH-Speciation	101	80-120	102	98	70-130	4.0	0-30

REPORT OF LABORATORY ANALYSIS

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/l	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Page 1 of 2

423489

13477A
980623-08

CHAIN-OF-CUSTODY RECORD
Analytical Request

ent	PSI
dress	1320 W. Winton Ave
	Hayward, CA 94545
one	(510) 785-1111
Report To:	Frank Poss
Bill To:	
P.O. # / Billing Reference	575-8600
Project Name / No.	Tungbay Terminal

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☒ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 7/8/98

mpled By (PRINT): Scott Bowers
mpler Signature
Date Sampled: 6-22-98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCB	REMARKS
WTTB64-1	805	W		13	4			9		X	X	X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
FedEx		6/22/98	2

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSE	6/22/98	1100	Hungbay/Pace	6/23/98	0900

SAMPLE CONDITION

Temp: 2.0 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

8.97

Pace Analytical

Page 2 of 2

423495

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To: ←
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86091
Sampled By (PRINT): SCOTT BOWERS	Project Name / No.: Ironsbay Terminal
Sampler Signature:	Date Sampled: 6-20-98

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week ☐ 2 Weeks
- ☒ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-G	BTEX	VOCs	SVOCs	PCBs	REMARKS
WTBO-1	1000	W		13	4			9		X	X	X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← LPST	6/24/98				

SAMPLE CONDITION

Temp: _____ °C | Received on ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
fax: 612-617-6444

Pace Analytical

July 15, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 108149
Client Project ID: 980623-08

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on June 24, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

DATE: 07/15/98
PAGE: 1

ce Analytical Long Beach SC
60 Gilman Street
g Beach, CA 90815

Pace Project Number: 108149
Client Project ID: 980623-08

ttn: Mr. Richard Villafania
one: (562)498-9515

ld results are reported on a wet weight basis

ce Sample No: 10701514 Date Collected: 06/22/98 Matrix: Water
ient Sample ID: WTT864-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
PCB's in Water, Low Level		Method: EPA 8080			Prep Method: EPA 3510		
PCB-1016 (Arochlor 1016)	ND	ug/L	0.11	07/02/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	ug/L	0.11	07/02/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	ug/L	0.11	07/02/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	ug/L	0.11	07/02/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	ug/L	0.11	07/02/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	ug/L	0.11	07/02/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	ug/L	0.11	07/02/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	64	%		07/02/98	SJW	877-09-8	
Decachlorobiphenyl (S)	68	%		07/02/98	SJW	2051-24-3	
Date Extracted				06/29/98			
/MS -- VOA							
GC/MS VOCs by 8260 MN		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/L	5	07/07/98	TAW	75-71-8	
Chloromethane	ND	ug/L	5	07/07/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/L	5	07/07/98	TAW	75-01-4	
Bromomethane	ND	ug/L	5	07/07/98	TAW	74-83-9	
Chloroethane	ND	ug/L	5	07/07/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/L	5	07/07/98	TAW	75-69-4	
Methylene Chloride	19	ug/L	5	07/07/98	TAW	75-09-2	1,2
1,1-Dichloroethene	12	ug/L	5	07/07/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/L	5	07/07/98	TAW	156-60-5	
1,1-Dichloroethane	6.1	ug/L	5	07/07/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/L	5	07/07/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/L	5	07/07/98	TAW	156-59-2	

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Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 108149
Client Project ID: 980623-08

Sample No: 10701514 Date Collected: 06/22/98 Matrix: Water
Client Sample ID: WTTB64-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Chloroform	ND	ug/L	5	07/07/98	TAW	67-66-3	
Bromochloromethane	ND	ug/L	5	07/07/98	TAW	74-97-5	
1,1,1-Trichloroethane	53	ug/L	5	07/07/98	TAW	71-55-6	1
Carbon Tetrachloride	ND	ug/L	5	07/07/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/L	5	07/07/98	TAW	563-58-6	
Benzene	4.8	ug/L	5	07/07/98	TAW	71-43-2	3
1,2-Dichloroethane	ND	ug/L	5	07/07/98	TAW	107-06-2	
Trichloroethene	ND	ug/L	5	07/07/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/L	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/L	5	07/07/98	TAW	75-27-4	
Dibromomethane	ND	ug/L	5	07/07/98	TAW	74-95-3	
trans-1,3-Dichloropropene	ND	ug/L	5	07/07/98	TAW	10061-02-6	
Toluene	ND	ug/L	5	07/07/98	TAW	108-88-3	
cis-1,3-Dichloropropene	ND	ug/L	5	07/07/98	TAW	10061-01-5	
1,1,2-Trichloroethane	ND	ug/L	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/L	5	07/07/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/L	5	07/07/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/L	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/L	5	07/07/98	TAW	106-93-4	
Chlorobenzene	ND	ug/L	5	07/07/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/L	5	07/07/98	TAW	630-20-6	
Ethylbenzene	ND	ug/L	5	07/07/98	TAW	100-41-4	
Xylene (Total)	ND	ug/L	5	07/07/98	TAW	1330-20-7	
Styrene	ND	ug/L	5	07/07/98	TAW	100-42-5	
Bromoform	ND	ug/L	5	07/07/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/L	5	07/07/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/L	5	07/07/98	TAW	79-34-5	
Bromobenzene	ND	ug/L	5	07/07/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/L	5	07/07/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/L	5	07/07/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/L	5	07/07/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/L	5	07/07/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/L	5	07/07/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/L	5	07/07/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/L	5	07/07/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/L	5	07/07/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/L	5	07/07/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/L	5	07/07/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5	07/07/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/L	5	07/07/98	TAW	104-51-8	

REPORT OF LABORATORY ANALYSIS

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Fax: 612-617-6444

Pace Analytical

Pace Project Number: 108149
Client Project ID: 980623-08

Sample No: 10701514 Date Collected: 06/22/98 Matrix: Water
Client Sample ID: WTTB64-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,2-Dichlorobenzene	ND	ug/L	5	07/07/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/L	5	07/07/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/L	5	07/07/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/L	5	07/07/98	TAW	87-68-3	
Naphthalene	ND	ug/L	5	07/07/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/L	5	07/07/98	TAW	87-61-6	
Isopropyl Ether	ND	ug/L	50	07/07/98	TAW	108-20-3	
Methyl-tert-butyl Ether	ND	ug/L	5	07/07/98	TAW	1634-04-4	
Acetone	11	ug/L	10	07/07/98	TAW	67-64-1	1,2
2-Butanone	ND	ug/L	10	07/07/98	TAW	78-93-3	
Carbon Disulfide	ND	ug/L	5	07/07/98	TAW	75-15-0	
2-Chloroethyl Vinyl Ether	ND	ug/L	10	07/07/98	TAW	110-75-8	
2-Hexanone	ND	ug/L	10	07/07/98	TAW	591-78-6	
4-Methyl-2-Pentanone	ND	ug/L	10	07/07/98	TAW	108-10-1	
tert-Amylmethyl ether	ND	ug/L	100	07/07/98	TAW	994-05-8	
Ethyl-tert-butyl ether	ND	ug/L	5	07/07/98	TAW	637-92-3	
2-Methyl-2-propanol	ND	ug/L	100	07/07/98	TAW	75-65-0	
Vinyl Acetate	ND	ug/L	10	07/07/98	TAW	108-05-4	
Ethanol	ND	ug/L	500	07/07/98	TAW	64-17-5	
Dibromofluoromethane (S)	102	%		07/07/98	TAW	1868-53-7	
Toluene-d8 (S)	96	%		07/07/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	88	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%		07/07/98	TAW	17060-07-0	

GC/MS -- Semi-VOA

Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3520		
Phenol	ND	ug/L	10	07/02/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/L	10	07/02/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/L	10	07/02/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/L	10	07/02/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10	07/02/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/L	10	07/02/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/L	10	07/02/98	SAC	95-50-1	
2-Methylphenol	ND	ug/L	10	07/02/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/L	10	07/02/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/L	10	07/02/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/L	10	07/02/98	SAC	621-64-7	
Hexachloroethane	ND	ug/L	10	07/02/98	SAC	67-72-1	
Nitrobenzene	ND	ug/L	10	07/02/98	SAC	98-95-3	

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Pace Analytical

Pace Project Number: 108149
Client Project ID: 980623-08

Pace Sample No: 10701514 Date Collected: 06/22/98 Matrix: Water
Client Sample ID: WTTB64-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isophorone	ND	ug/L	10	07/02/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/L	10	07/02/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/L	10	07/02/98	SAC	105-67-9	
Benzoic Acid	ND	ug/L	52	07/02/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/L	10	07/02/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/L	10	07/02/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/L	10	07/02/98	SAC	120-82-1	
Naphthalene	ND	ug/L	10	07/02/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/L	10	07/02/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/L	10	07/02/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/L	10	07/02/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/L	10	07/02/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/L	10	07/02/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/L	10	07/02/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/L	52	07/02/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/L	10	07/02/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/L	52	07/02/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/L	10	07/02/98	SAC	131-11-3	
Acenaphthylene	ND	ug/L	10	07/02/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/L	10	07/02/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/L	52	07/02/98	SAC	99-09-2	
Acenaphthene	1.6	ug/L	10	07/02/98	SAC	83-32-9	3
2,4-Dinitrophenol	ND	ug/L	52	07/02/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/L	52	07/02/98	SAC	100-02-7	
Dibenzofuran	ND	ug/L	10	07/02/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/L	10	07/02/98	SAC	121-14-2	
Diethylphthalate	ND	ug/L	10	07/02/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/L	10	07/02/98	SAC	7005-72-3	
Fluorene	ND	ug/L	10	07/02/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/L	52	07/02/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/L	52	07/02/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/L	10	07/02/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/L	10	07/02/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/L	10	07/02/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/L	52	07/02/98	SAC	87-86-5	
Phenanthrene	ND	ug/L	10	07/02/98	SAC	85-01-8	
Anthracene	ND	ug/L	10	07/02/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/L	10	07/02/98	SAC	84-74-2	
Fluoranthene	ND	ug/L	10	07/02/98	SAC	206-44-0	
Pyrene	ND	ug/L	10	07/02/98	SAC	129-00-0	

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Pace Analytical

Pace Project Number: 108149
Client Project ID: 980623-08

e Sample No: 10701522 Date Collected: 06/22/98 Matrix: Water
C ..ent Sample ID: WTTB0-1 Date Received: 06/24/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C -- Semi-VOA							
CB's in Water, Low Level		Method: EPA 8080			Prep Method: EPA 3510		
PCB-1016 (Arochlor 1016)	ND	ug/L	0.11	07/02/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	ug/L	0.11	07/02/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	ug/L	0.11	07/02/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	ug/L	0.11	07/02/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	ug/L	0.11	07/02/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	ug/L	0.11	07/02/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	ug/L	0.11	07/02/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	92	%		07/02/98	SJW	877-09-8	
Decachlorobiphenyl (S)	76	%		07/02/98	SJW	2051-24-3	
Date Extracted				06/29/98			
C /MS -- VOA							
C/MS VOCs by 8260 MN		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/L	5	07/07/98	TAW	75-71-8	
Chloromethane	ND	ug/L	5	07/07/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/L	5	07/07/98	TAW	75-01-4	
Bromomethane	ND	ug/L	5	07/07/98	TAW	74-83-9	
Chloroethane	ND	ug/L	5	07/07/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/L	5	07/07/98	TAW	75-69-4	
Methylene Chloride	18	ug/L	5	07/07/98	TAW	75-09-2	1,2
1,1-Dichloroethene	ND	ug/L	5	07/07/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/L	5	07/07/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/L	5	07/07/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/L	5	07/07/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/L	5	07/07/98	TAW	156-59-2	
Chloroform	ND	ug/L	5	07/07/98	TAW	67-66-3	
Bromochloromethane	ND	ug/L	5	07/07/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/L	5	07/07/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/L	5	07/07/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/L	5	07/07/98	TAW	563-58-6	
Benzene	4.8	ug/L	5	07/07/98	TAW	71-43-2	3
1,2-Dichloroethane	ND	ug/L	5	07/07/98	TAW	107-06-2	
Trichloroethene	ND	ug/L	5	07/07/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/L	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/L	5	07/07/98	TAW	75-27-4	

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Tel: 612-617-6400
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Pace Analytical

Pace Project Number: 108149
Client Project ID: 980623-08

Pace Sample No: 10701522 Date Collected: 06/22/98 Matrix: Water
Client Sample ID: WTTB0-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/L	5	07/07/98	TAW	74-95-3	
trans-1,3-Dichloropropene	ND	ug/L	5	07/07/98	TAW	10061-02-6	
Toluene	ND	ug/L	5	07/07/98	TAW	108-88-3	
cis-1,3-Dichloropropene	ND	ug/L	5	07/07/98	TAW	10061-01-5	
1,1,2-Trichloroethane	ND	ug/L	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/L	5	07/07/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/L	5	07/07/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/L	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/L	5	07/07/98	TAW	106-93-4	
Chlorobenzene	ND	ug/L	5	07/07/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/L	5	07/07/98	TAW	630-20-6	
Ethylbenzene	ND	ug/L	5	07/07/98	TAW	100-41-4	
Xylene (Total)	ND	ug/L	5	07/07/98	TAW	1330-20-7	
Styrene	ND	ug/L	5	07/07/98	TAW	100-42-5	
Bromoform	ND	ug/L	5	07/07/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/L	5	07/07/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/L	5	07/07/98	TAW	79-34-5	
Bromobenzene	ND	ug/L	5	07/07/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/L	5	07/07/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/L	5	07/07/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/L	5	07/07/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/L	5	07/07/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/L	5	07/07/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/L	5	07/07/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/L	5	07/07/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/L	5	07/07/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/L	5	07/07/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/L	5	07/07/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5	07/07/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/L	5	07/07/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/L	5	07/07/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/L	5	07/07/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/L	5	07/07/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/L	5	07/07/98	TAW	87-68-3	
Naphthalene	ND	ug/L	5	07/07/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/L	5	07/07/98	TAW	87-61-6	
Isopropyl Ether	ND	ug/L	50	07/07/98	TAW	108-20-3	
Methyl-tert-butyl Ether	ND	ug/L	5	07/07/98	TAW	1634-04-4	
Acetone	11	ug/L	10	07/07/98	TAW	67-64-1	1,2
2-Butanone	ND	ug/L	10	07/07/98	TAW	78-93-3	

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Pace Analytical

Pace Project Number: 108149
Client Project ID: 980623-08

Pace Sample No: 10701522 Date Collected: 06/22/98 Matrix: Water
Client Sample ID: WTTB0-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Chloro-3-methylphenol	ND	ug/L	10	07/02/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/L	10	07/02/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/L	10	07/02/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/L	10	07/02/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/L	50	07/02/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/L	10	07/02/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/L	50	07/02/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/L	10	07/02/98	SAC	131-11-3	
Acenaphthylene	ND	ug/L	10	07/02/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/L	10	07/02/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/L	50	07/02/98	SAC	99-09-2	
Acenaphthene	ND	ug/L	10	07/02/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/L	50	07/02/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/L	50	07/02/98	SAC	100-02-7	
Dibenzofuran	ND	ug/L	10	07/02/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/L	10	07/02/98	SAC	121-14-2	
Diethylphthalate	ND	ug/L	10	07/02/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/L	10	07/02/98	SAC	7005-72-3	
Fluorene	ND	ug/L	10	07/02/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/L	50	07/02/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/L	50	07/02/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/L	10	07/02/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/L	10	07/02/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/L	10	07/02/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/L	50	07/02/98	SAC	87-86-5	
Phenanthrene	ND	ug/L	10	07/02/98	SAC	85-01-8	
Anthracene	ND	ug/L	10	07/02/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/L	10	07/02/98	SAC	84-74-2	
Fluoranthene	ND	ug/L	10	07/02/98	SAC	206-44-0	
Pyrene	ND	ug/L	10	07/02/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/L	10	07/02/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/L	20	07/02/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/L	10	07/02/98	SAC	56-55-3	
Chrysene	ND	ug/L	10	07/02/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/L	10	07/02/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/L	10	07/02/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/L	10	07/02/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	10	07/02/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/L	10	07/02/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	07/02/98	SAC	193-39-5	

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Pace Analytical

Pace Project Number: 108149
Client Project ID: 980623-08

AMETER FOOTNOTES

Not Detected
Not Calculable
Pace Reporting Limit
Surrogate
Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
Common laboratory contaminant.
Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

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Pace Analytical

QUALITY CONTROL DATA

ce Analytical Long Beach SC
50 Gilman Street
ng Beach, CA 90815

Pace Project Number: 108149
Client Project ID: 980623-08

tn: Mr. Richard Villafania
one: (562)498-9515

Batch ID: 13907
alysis Method: EPA 8270
sociated Pace Samples: 10701514 10701522

QC Batch Method: EPA 3520
Analysis Description: Semivolatile Organics

METHOD BLANK: 10708352
sociated Pace Samples:
10701514 10701522

ameter	Units	Method Blank Result	PRL	Footnotes
enol	ug/L	ND	10	
is(2-Chloroethyl)ether	ug/L	ND	10	
hlorophenol	ug/L	ND	10	
Dichlorobenzene	ug/L	ND	10	
4-Dichlorobenzene	ug/L	ND	10	
nzyl Alcohol	ug/L	ND	10	
2-Dichlorobenzene	ug/L	ND	10	
Methylphenol	ug/L	ND	10	
s(2-Chloroisopropyl)ether	ug/L	ND	10	
Methylphenol	ug/L	ND	10	
Nitroso-di-n-propylamine	ug/L	ND	10	
xachloroethane	ug/L	ND	10	
trobenzene	ug/L	ND	10	
ophorone	ug/L	ND	10	
Nitrophenol	ug/L	ND	10	
4-Dimethylphenol	ug/L	ND	10	
Benzoic Acid	ug/L	ND	50	
s(2-Chloroethoxy)methane	ug/L	ND	10	
4-Dichlorophenol	ug/L	ND	10	
2,4-Trichlorobenzene	ug/L	ND	10	
Naphthalene	ug/L	ND	10	
Chloroaniline	ug/L	ND	10	
xachlorobutadiene	ug/L	ND	10	
Chloro-3-methylphenol	ug/L	ND	10	
Methylnaphthalene	ug/L	ND	10	

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QUALITY CONTROL DATA

Pace Project Number: 108149
Client Project ID: 980623-08

METHOD BLANK: 10708352
Associated Pace Samples: 10701514 10701522

Parameter	Units	Method Blank Result	PRL	Footnotes
Hexachlorocyclopentadiene	ug/L	ND	10	
2,4,6-Trichlorophenol	ug/L	ND	10	
2,4,5-Trichlorophenol	ug/L	ND	50	
2-Chloronaphthalene	ug/L	ND	10	
2-Nitroaniline	ug/L	ND	50	
Dimethylphthalate	ug/L	ND	10	
Acenaphthylene	ug/L	ND	10	
2,6-Dinitrotoluene	ug/L	ND	10	
3-Nitroaniline	ug/L	ND	50	
Acenaphthene	ug/L	ND	10	
2,4-Dinitrophenol	ug/L	ND	50	
4-Nitrophenol	ug/L	ND	50	
Dibenzofuran	ug/L	ND	10	
2,4-Dinitrotoluene	ug/L	ND	10	
Diethylphthalate	ug/L	ND	10	
4-Chlorophenyl-phenylether	ug/L	ND	10	
Fluorene	ug/L	ND	10	
4-Nitroaniline	ug/L	ND	50	
4,6-Dinitro-2-methylphenol	ug/L	ND	50	
N-Nitrosodiphenylamine	ug/L	ND	10	
4-Bromophenyl-phenylether	ug/L	ND	10	
Hexachlorobenzene	ug/L	ND	10	
Pentachlorophenol	ug/L	ND	50	
Phenanthrene	ug/L	ND	10	
Anthracene	ug/L	ND	10	
Di-n-butylphthalate	ug/L	ND	10	
Fluoranthene	ug/L	ND	10	
Pyrene	ug/L	ND	10	
Butylbenzylphthalate	ug/L	ND	10	
3,3'-Dichlorobenzidine	ug/L	ND	20	
Benzo(a)anthracene	ug/L	ND	10	
Chrysene	ug/L	ND	10	
Bis(2-Ethylhexyl)phthalate	ug/L	ND	10	
Di-n-octylphthalate	ug/L	ND	10	
Benzo(b)fluoranthene	ug/L	ND	10	
Benzo(k)fluoranthene	ug/L	ND	10	
Benzo(a)pyrene	ug/L	ND	10	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10	

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QUALITY CONTROL DATA

Pace Project Number: 108149
Client Project ID: 980623-08

METHOD BLANK: 10708352
Associated Pace Samples: 10701514 10701522

Parameter	Units	Method Blank Result	PRL	Footnotes
Benz(a,h)anthracene	ug/L	ND	10	
Benzo(g,h,i)perylene	ug/L	ND	10	
Nitrobenzene-d5 (S)	%	64		
2-Fluorobiphenyl (S)	%	59		
Terphenyl-d14 (S)	%	70		
Phenol-d6 (S)	%	56		
2-Fluorophenol (S)	%	62		
2,4,6-Tribromophenol (S)	%	71		

LABORATORY CONTROL SAMPLE & LCSD: 10708360 10708378

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Phenol	ug/L	50	25.25	50.5	29.05	58.1	14	
Bis(2-Chloroethyl)ether	ug/L	50	24.75	49.5	26.25	52.5	6	
2-Chlorophenol	ug/L	50	27.55	55.1	28.25	56.5	3	
1,3-Dichlorobenzene	ug/L	50	29.60	59.2	29.60	59.2	0	
1,4-Dichlorobenzene	ug/L	50	28.05	56.1	28.25	56.5	1	
Benzyl Alcohol	ug/L	50	31.25	62.5	31.90	63.8	2	
1,2-Dichlorobenzene	ug/L	50	28.25	56.5	27.40	54.8	3	
2-Methylphenol	ug/L	50	31.15	62.3	29.00	58.0	7	
Bis(2-Chloroisopropyl)ether	ug/L	50	29.45	58.9	29.45	58.9	0	
4-Methylphenol	ug/L	50	25.00	50.0	27.00	54.0	8	
N-Nitroso-di-n-propylamine	ug/L	50	30.00	60.0	29.90	59.8	0	
Hexachloroethane	ug/L	50	28.30	56.6	30.45	60.9	7	
Nitrobenzene	ug/L	50	31.05	62.1	31.20	62.4	0	
Isophorone	ug/L	50	31.55	63.1	33.30	66.6	5	
2-Nitrophenol	ug/L	50	36.40	72.8	36.95	73.9	1	
2,4-Dimethylphenol	ug/L	50	15.10	30.2	14.30	28.6	5	
Benzoic Acid	ug/L	100	77.00	77.0	84.00	84.0	9	1
Bis(2-Chloroethoxy)methane	ug/L	50	33.10	66.2	33.40	66.8	1	
2,4-Dichlorophenol	ug/L	50	32.85	65.7	34.45	68.9	5	
1,2,4-Trichlorobenzene	ug/L	50	32.70	65.4	35.00	70.0	7	
Naphthalene	ug/L	50	27.90	55.8	31.95	63.9	14	
4-Chloroaniline	ug/L	50	20.60	41.2	15.25	30.5	30	
Hexachlorobutadiene	ug/L	50	32.85	65.7	36.60	73.2	11	
4-Chloro-3-methylphenol	ug/L	50	32.70	65.4	37.20	74.4	13	

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QUALITY CONTROL DATA

Pace Project Number: 108149
Client Project ID: 980623-08

LABORATORY CONTROL SAMPLE & LCSD: 10708360 10708378

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
2-Methylnaphthalene	ug/L	50	31.45	62.9	36.60	73.2	15	
Hexachlorocyclopentadiene	ug/L	100	10.45	10.5	14.55	14.6	33	2,2
2,4,6-Trichlorophenol	ug/L	50	33.50	67.0	34.40	68.8	3	
2,4,5-Trichlorophenol	ug/L	50	35.05	70.1	34.95	69.9	0	3,3
2-Chloronaphthalene	ug/L	50	29.80	59.6	31.95	63.9	7	
2-Nitroaniline	ug/L	50	35.20	70.4	37.45	74.9	6	3,3
Dimethylphthalate	ug/L	50	35.00	70.0	34.55	69.1	1	
Acenaphthylene	ug/L	50	30.50	61.0	33.00	66.0	8	
2,6-Dinitrotoluene	ug/L	50	39.40	78.8	37.40	74.8	5	
3-Nitroaniline	ug/L	50	33.80	67.6	33.20	66.4	2	3,3
Acenaphthene	ug/L	50	27.65	55.3	31.15	62.3	12	
2,4-Dinitrophenol	ug/L	50	45.00	90.0	45.25	90.5	1	3,3
4-Nitrophenol	ug/L	50	34.30	68.6	35.40	70.8	3	3,3
Dibenzofuran	ug/L	50	31.90	63.8	33.20	66.4	4	
2,4-Dinitrotoluene	ug/L	50	29.30	58.6	31.55	63.1	7	
Diethylphthalate	ug/L	50	36.80	73.6	35.15	70.3	5	
4-Chlorophenyl-phenylether	ug/L	50	18.75	37.5	19.80	39.6	5	
Fluorene	ug/L	50	32.70	65.4	34.65	69.3	6	
4-Nitroaniline	ug/L	50	39.50	79.0	39.20	78.4	1	3,3
4,6-Dinitro-2-methylphenol	ug/L	50	38.80	77.6	38.70	77.4	0	3,3
N-Nitrosodiphenylamine	ug/L	50	29.50	59.0	33.45	66.9	13	
4-Bromophenyl-phenylether	ug/L	50	33.00	66.0	36.10	72.2	9	
Hexachlorobenzene	ug/L	50	35.90	71.8	39.70	79.4	10	
Pentachlorophenol	ug/L	50	33.85	67.7	36.30	72.6	7	3,3
Phenanthrene	ug/L	50	29.40	58.8	32.80	65.6	11	
Anthracene	ug/L	50	29.25	58.5	33.85	67.7	15	
Di-n-butylphthalate	ug/L	50	32.60	65.2	33.80	67.6	4	
Fluoranthene	ug/L	50	31.65	63.3	31.85	63.7	1	
Pyrene	ug/L	50	37.75	75.5	37.05	74.1	2	
Butylbenzylphthalate	ug/L	50	35.65	71.3	37.65	75.3	5	
3,3'-Dichlorobenzidine	ug/L	50	16.90	33.8	14.55	29.1	15	3,3
Benzo(a)anthracene	ug/L	50	33.60	67.2	35.80	71.6	6	
Chrysene	ug/L	50	34.60	69.2	37.45	74.9	8	
Bis(2-Ethylhexyl)phthalate	ug/L	50	39.10	78.2	39.75	79.5	2	
Di-n-octylphthalate	ug/L	50	36.45	72.9	37.85	75.7	4	
Benzo(b)fluoranthene	ug/L	50	34.35	68.7	36.65	73.3	6	
Benzo(k)fluoranthene	ug/L	50	32.75	65.5	35.45	70.9	8	
Benzo(a)pyrene	ug/L	50	32.95	65.9	34.30	68.6	4	
Indeno(1,2,3-cd)pyrene	ug/L	50	32.75	65.5	34.45	68.9	5	
Dibenz(a,h)anthracene	ug/L	50	32.90	65.8	35.00	70.0	6	
Benzo(g,h,i)perylene	ug/L	50	35.70	71.4	37.45	74.9	5	

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QUALITY CONTROL DATA

Pace Project Number: 108149
Client Project ID: 980623-08

ORATORY CONTROL SAMPLE & LCSD: 10708360 10708378

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
robenzene-d5 (S)				65		69		
luorobiphenyl (S)				64		73		
phenyl-d14 (S)				75		80		
nol-d6 (S)				65		65		
luorophenol (S)				62		61		
,6-Tribromophenol (S)				81		86		

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QUALITY CONTROL DATA

Pace Analytical Long Beach SC
0 Gilman Street
g Beach, CA 90815

Pace Project Number: 108149
Client Project ID: 980623-08

Attn: Mr. Richard Villafania
Phone: (562)498-9615

QC Batch ID: 13910
Analysis Method: EPA 8080
Associated Pace Samples: 10701514 10701522

QC Batch Method: EPA 3510
Analysis Description: PCB's in Water, Low Level

METHOD BLANK: 10708444
Associated Pace Samples:

10701514 10701522

Parameter	Units	Method Blank Result	PRL	Footnotes
PCB-1016 (Arochlor 1016)	ug/L	ND	0.1	
PCB-1221 (Arochlor 1221)	ug/L	ND	0.1	
1232 (Arochlor 1232)	ug/L	ND	0.1	
-1242 (Arochlor 1242)	ug/L	ND	0.1	
B-1248 (Arochlor 1248)	ug/L	ND	0.1	
B-1254 (Arochlor 1254)	ug/L	ND	0.1	
B-1260 (Arochlor 1260)	ug/L	ND	0.1	
trachloro-meta-xylene (S)	%	11		4
Decachlorobiphenyl (S)	%	13		5

LABORATORY CONTROL SAMPLE & LCSD: 10708451 10708469

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
B-1016 (Arochlor 1016)	ug/L	1.0	0.6961	69.6	0.7461	74.6	7	
PCB-1260 (Arochlor 1260)	ug/L	1.0	0.6081	60.8	0.7016	70.2	14	
trachloro-meta-xylene (S)				33		44		
achlorobiphenyl (S)				42		76		

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QUALITY CONTROL DATA

Pace Analytical Long Beach SC
0 Gilman Street
Long Beach, CA 90815

Pace Project Number: 108149
Client Project ID: 980623-08

Attn: Mr. Richard Villafania
Phone: (562)498-9515

QC Batch ID: 14515
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260 MN
Associated Pace Samples: 10701514 10701522

METHOD BLANK: 10735959
Associated Pace Samples:

Parameter	Units	10701514 10701522 Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/L	ND	5	
Chloromethane	ug/L	ND	5	
Vinyl Chloride	ug/L	ND	5	
Bromomethane	ug/L	ND	5	
Chloroethane	ug/L	ND	5	
Trichlorofluoromethane	ug/L	ND	5	
Methylene Chloride	ug/L	ND	5	
1,1-Dichloroethene	ug/L	ND	5	
trans-1,2-Dichloroethene	ug/L	ND	5	
1,1-Dichloroethane	ug/L	ND	5	
2,2-Dichloropropane	ug/L	ND	5	
cis-1,2-Dichloroethene	ug/L	ND	5	
Chloroform	ug/L	ND	5	
Bromochloromethane	ug/L	ND	5	
1,1,1-Trichloroethane	ug/L	1.7	5	3
Carbon Tetrachloride	ug/L	ND	5	
1,1-Dichloropropene	ug/L	ND	5	
Benzene	ug/L	ND	5	
1,2-Dichloroethane	ug/L	ND	5	
Trichloroethene	ug/L	ND	5	
1,2-Dichloropropane	ug/L	ND	5	
Dibromodichloromethane	ug/L	ND	5	
Dibromomethane	ug/L	ND	5	
trans-1,3-Dichloropropene	ug/L	ND	5	
Toluene	ug/L	ND	5	

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QUALITY CONTROL DATA

Pace Project Number: 108149
Client Project ID: 980623-08

METHOD BLANK: 10735959
Associated Pace Samples: 10701514 10701522

Parameter	Units	Method Blank Result	PRL	Footnotes
cis-1,3-Dichloropropene	ug/L	ND	5	
1,2-Trichloroethane	ug/L	ND	5	
Tetrachloroethene	ug/L	ND	5	
1,3-Dichloropropane	ug/L	ND	5	
Bromochloromethane	ug/L	ND	5	
1,2-Dibromoethane	ug/L	ND	5	
Chlorobenzene	ug/L	ND	5	
1,1,1,2-Tetrachloroethane	ug/L	ND	5	
Ethylbenzene	ug/L	ND	5	
Xylene (Total)	ug/L	ND	5	
Styrene	ug/L	ND	5	
Bromoform	ug/L	ND	5	
Isopropylbenzene (Cumene)	ug/L	ND	5	
1,1,2,2-Tetrachloroethane	ug/L	ND	5	
Bromobenzene	ug/L	ND	5	
1,2,3-Trichloropropane	ug/L	ND	5	
n-Propylbenzene	ug/L	ND	5	
2-Chlorotoluene	ug/L	ND	5	
1,3,5-Trimethylbenzene	ug/L	ND	5	
4-Chlorotoluene	ug/L	ND	5	
1,2,4-Trimethylbenzene	ug/L	ND	5	
sec-Butylbenzene	ug/L	ND	5	
tert-Butylbenzene	ug/L	ND	5	
p-Isopropyltoluene	ug/L	ND	5	
1,3-Dichlorobenzene	ug/L	ND	5	
1,4-Dichlorobenzene	ug/L	ND	5	
n-Butylbenzene	ug/L	ND	5	
1,2-Dichlorobenzene	ug/L	ND	5	
1,2-Dibromo-3-Chloropropane	ug/L	ND	5	
1,2,4-Trichlorobenzene	ug/L	ND	5	
Hexachlorobutadiene	ug/L	ND	5	
Naphthalene	ug/L	ND	5	
1,2,3-Trichlorobenzene	ug/L	ND	5	
Diisopropyl Ether	ug/L	ND	50	
Ethyl-tert-butyl Ether	ug/L	ND	5	
Acetone	ug/L	14	10	6
2-Butanone	ug/L	ND	10	
Carbon Disulfide	ug/L	ND	5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Pace Project Number: 108149
Client Project ID: 980623-08

METHOD BLANK: 10735959
Associated Pace Samples:
10701514 10701522

Parameter	Units	Method Blank Result	PRL	Footnotes
2-Chloroethyl Vinyl Ether	ug/L	ND	10	
2-Hexanone	ug/L	ND	10	
4-Methyl-2-Pentanone	ug/L	ND	10	
Tert-Amylmethyl ether	ug/L	ND	100	
Butyl-tert-butyl ether	ug/L	ND	5	
2-Methyl-2-propanol	ug/L	ND	100	
Vinyl Acetate	ug/L	ND	10	
Ethanol	ug/L	ND	500	
Bromofluoromethane (S)	%	100		
Toluene-d8 (S)	%	94		
4-Bromofluorobenzene (S)	%	92		
1,2-Dichloroethane-d4 (S)	%	98		

LABORATORY CONTROL SAMPLE: 10735967

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/L	50	47.00	94.0	
Chloromethane	ug/L	50	45.00	90.0	
Vinyl Chloride	ug/L	50	55.00	110	
Bromomethane	ug/L	50	67.00	134	
Chloroethane	ug/L	50	60.00	120	
Trichlorofluoromethane	ug/L	50	52.00	104	
Methylene Chloride	ug/L	50	52.00	104	
1,1-Dichloroethene	ug/L	50	56.00	112	
trans-1,2-Dichloroethene	ug/L	50	49.00	98.0	
1,1-Dichloroethane	ug/L	50	45.00	90.0	
2,2-Dichloropropane	ug/L	50	55.00	110	
cis-1,2-Dichloroethene	ug/L	50	53.00	106	
Chloroform	ug/L	50	52.00	104	
Bromochloromethane	ug/L	50	53.00	106	
1,1,1-Trichloroethane	ug/L	50	61.00	122	
Carbon Tetrachloride	ug/L	50	57.00	114	
1,1-Dichloropropene	ug/L	50	55.00	110	
Benzene	ug/L	50	45.00	90.0	
1,2-Dichloroethane	ug/L	50	49.00	98.0	
Trichloroethene	ug/L	50	53.00	106	

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QUALITY CONTROL DATA

Pace Project Number: 108149
Client Project ID: 980623-08

LABORATORY CONTROL SAMPLE: 10735967

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
-Dichloropropane	ug/L	50	48.00	96.0	
Bromodichloromethane	ug/L	50	52.00	104	
Bromomethane	ug/L	50	51.00	102	
trans-1,3-Dichloropropene	ug/L	50	52.00	104	
Toluene	ug/L	50	53.00	106	
cis-1,3-Dichloropropene	ug/L	50	51.00	102	
1,2-Trichloroethane	ug/L	50	50.00	100	
Tetrachloroethene	ug/L	50	69.00	138	
-Dichloropropane	ug/L	50	50.00	100	
Dibromochloromethane	ug/L	50	54.00	108	
2-Dibromoethane	ug/L	50	52.00	104	
Chlorobenzene	ug/L	50	50.00	100	
1,1,1,2-Tetrachloroethane	ug/L	50	53.00	106	
Ethylbenzene	ug/L	50	51.00	102	
Xylene (Total)	ug/L	150	150.0	100	
Styrene	ug/L	50	50.00	100	
Bromoform	ug/L	50	55.00	110	
Isopropylbenzene (Cumene)	ug/L	50	49.00	98.0	
1,2,2-Tetrachloroethane	ug/L	50	48.00	96.0	
Bromobenzene	ug/L	50	53.00	106	
1,2,3-Trichloropropane	ug/L	50	47.00	94.0	
n-Propylbenzene	ug/L	50	47.00	94.0	
2-Chlorotoluene	ug/L	50	48.00	96.0	
1,3,5-Trimethylbenzene	ug/L	50	49.00	98.0	
4-Chlorotoluene	ug/L	50	46.00	92.0	
tert-Butylbenzene	ug/L	50	52.00	104	
1,2,4-Trimethylbenzene	ug/L	50	45.00	90.0	
sec-Butylbenzene	ug/L	50	46.00	92.0	
p-Isopropyltoluene	ug/L	50	47.00	94.0	
1,3-Dichlorobenzene	ug/L	50	50.00	100	
1,4-Dichlorobenzene	ug/L	50	48.00	96.0	
n-Butylbenzene	ug/L	50	48.00	96.0	
1,2-Dichlorobenzene	ug/L	50	47.00	94.0	
1,2-Dibromo-3-Chloropropane	ug/L	50	44.00	88.0	
1,2,4-Trichlorobenzene	ug/L	50	48.00	96.0	
Hexachlorobutadiene	ug/L	50	46.00	92.0	
Naphthalene	ug/L	50	44.00	88.0	
1,2,3-Trichlorobenzene	ug/L	50	47.00	94.0	
Dibromofluoromethane (S)				102	
Toluene-d8 (S)				104	
4-Bromofluorobenzene (S)				98	

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QUALITY CONTROL DATA

Pace Project Number: 108149
Client Project ID: 980623-08

ORATORY CONTROL SAMPLE: 10735967

rameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
!-Dichloroethane-d4 (S)				96	

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Pace Project Number: 108149
Client Project ID: 980623-08

LITY CONTROL DATA PARAMETER FOOTNOTES

nsistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

Not Detected
Not Calculable
Pace Reporting Limit
Relative Percent Difference
Surrogate
Compound concentration exceeds the calibration range of the instrument (CLP E-Flag).
[4] Spiked sample recovery is not within control limits.
Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
Outtside of control limits of 30-154%.
Outside of control limits of 42-146%.
[6] Common laboratory contaminant.

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Pace Project Number: 108153
Client Project ID: 980623-06

Pace Sample No: 1070696 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TP04-1-5 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/05/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/05/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/05/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/05/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/05/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/05/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/05/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/05/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/05/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/05/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/05/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/05/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/05/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/05/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/05/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/05/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/05/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/05/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/05/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/05/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/05/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/05/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/05/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/05/98	TAW	110-75-8	
Acetone	11	ug/kg	20	07/05/98	TAW	67-64-1	2,3,4
2 Butanone	ND	ug/kg	10	07/05/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/05/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/05/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/05/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/05/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/05/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/05/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/05/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/05/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/05/98	TAW	994-05-8	
2 Methyl 2 propanol	ND	ug/kg	100	07/05/98	TAW	75-65-0	
Dibromofluoromethane (S)	92	%		07/05/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/05/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	92	%		07/05/98	TAW	460-00-4	
1,2 Dichloroethane-d4 (S)	98	%		07/05/98	TAW	17060-07-0	

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Pace Project Number: 10815)
Client Project ID: 980623-06

Lab Sample No. 10701704 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID. TTM65-2-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Semi-VOA							
PCB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/03/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/03/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/03/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/03/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/03/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/03/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/03/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	92	%		07/03/98	SJW	877-09-8	
Decachlorobiphenyl (S)	90	%		07/03/98	SJW	2051-24-3	
Date Extracted				07/01/98			
GC/MS -- VOA							
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 5030		
Dichlorodifluoromethane	ND	ug/kg	5	07/05/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/05/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/05/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/05/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/05/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/05/98	TAW	75-69-4	
Methylene Chloride	2.0	ug/kg	5	07/05/98	TAW	75-09-2	1,2,3
1,1-Dichloroethene	ND	ug/kg	5	07/05/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/05/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/05/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/05/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/05/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/05/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/05/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/05/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/05/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/05/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/05/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/05/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/05/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/05/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/05/98	TAW	75-27-4	

Pace Project Number: 108153
Client Project ID: 980623 06

Lab Sample No: 10701704
Client Sample ID: TTH65-2-1

Date Collected: 06/22/98
Date Received: 06/24/98

Matrix: Soil

Parameter	Result	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/05/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/05/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/05/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/05/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/05/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/05/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/05/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/05/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/05/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/05/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/05/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/05/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/05/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/05/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/05/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/05/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/05/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/05/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/05/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/05/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/05/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/05/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/05/98	TAW	95-63-6	
Sec-Butylbenzene	ND	ug/kg	5	07/05/98	TAW	135-98-8	
Tert Butylbenzene	ND	ug/kg	5	07/05/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/05/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/05/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/05/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/05/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/05/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/05/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/05/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/05/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/05/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/05/98	TAW	87-61-6	
trans 1,3-Dichloropropene	ND	ug/kg	5	07/05/98	TAW	10061-02-6	
cis 1,3 Dichloropropene	ND	ug/kg	5	07/05/98	TAW	10061-01-5	
2 Chloroethyl Vinyl Ether	ND	ug/kg	5	07/05/98	TAW	110-75-8	
Acetone	11	ug/kg	20	07/05/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/05/98	TAW	78-93-3	

Pace Project Number: 10815[illegible]
Client Project ID: 980621-06

Lab Sample No: 10701704 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB65-2-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/05/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/05/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/05/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/05/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/05/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/05/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/05/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/05/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/05/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/05/98	TAW	75-65-0	
Dibromofluoromethane (S)	94	%		07/05/98	TAW	1868-53-7	
Toluene-d8 (S)	102	%		07/05/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	92	%		07/05/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%		07/05/98	TAW	17060-07-0	

Pace Project Number: 10811
Client Project ID: 980621-06

Pace Sample No: 10701712 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TP05-2-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080			Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/01/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.06	07/01/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.06	07/01/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.06	07/01/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/01/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.06	07/01/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.06	07/01/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	91	%		07/01/98	SJW	877-09-8	
Decachlorobiphenyl (S)	88	%		07/01/98	SJW	2051-24-3	
Date Extracted				07/01/98			
GC/MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/08/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/08/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/08/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/08/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/08/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/08/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/08/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	75-35-4	
trans-1,2 Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	590-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/08/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/08/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/08/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/08/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/08/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	78-87-5	
Dibromochloromethane	ND	ug/kg	5	07/08/98	TAW	75-27-4	

Pace Project Number: 108153
Client Project ID: 980623-06

Pace Sample No: 10701712 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB65-2-3 Date Received: 06/24/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/08/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/08/98	TAW	108-88-3	
1,1,2 Trichloroethane	ND	ug/kg	5	07/08/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/08/98	TAW	127 18 4	
1,3 Dichloropropane	ND	ug/kg	5	07/08/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/08/98	TAW	124 48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/08/98	TAW	106 93 4	
Chlorobenzene	ND	ug/kg	5	07/08/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/08/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/08/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/08/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/08/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/08/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/08/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	79 34 5	
Bromobenzene	ND	ug/kg	5	07/08/98	TAW	108 86 1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/08/98	TAW	96 18 4	
n Propylbenzene	ND	ug/kg	5	07/08/98	TAW	103 65 1	
2 Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	95 49 8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	108 67-8	
4-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	106 43 4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	95-63-6	
tec Butylbenzene	ND	ug/kg	5	07/08/98	TAW	135 98-8	
tert-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	98-06-6	
p Isopropyltoluene	ND	ug/kg	5	07/08/98	TAW	99 87-6	
1,3 Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	541 73-1	
1,4 Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	106 46 7	
n Butylbenzene	ND	ug/kg	5	07/08/98	TAW	104 51 8	
1,2 Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	95 50 1	
1,2 Dibromo-3-Chloropropane	ND	ug/kg	5	07/08/98	TAW	96 12 8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	120 82 1	
Hexachlorobutadiene	ND	ug/kg	5	07/08/98	TAW	87 68 3	
Naphthalene	ND	ug/kg	5	07/08/98	TAW	91 20 3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	87-61-6	
trans 1,3 Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061 01 5	
2 Chloroethyl Vinyl Ether	ND	ug/kg	5	07/08/98	TAW	110-75 8	
Acetone	8.7	ug/kg	20	07/08/98	TAW	67 64 1	1,2,3
2 Butanone	ND	ug/kg	10	07/08/98	TAW	78-93 3	

Pace Project Number: 108153
Client Project ID: 980623-06

Pace Sample No: 10701712
Client Sample ID: TPB65-2-1

Date Collected: 06/22/98
Date Received: 06/24/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/08/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/08/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/08/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/08/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/08/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/08/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/08/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/08/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/08/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/08/98	TAW	75-65-0	
Dibromofluoromethane (S)	82	%		07/08/98	TAW	1868-53-7	
Toluene-d8 (S)	98	%		07/08/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	100	%		07/08/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%		07/08/98	TAW	17060-07-0	

Pace Project Number: 10H154
Client Project ID: 980623-06

Pace Sample No: 10701720 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB65-2-5 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080			Prep Method: EPA 3550		
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.03	07/01/98	SJW	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.03	07/01/98	SJW	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.03	07/01/98	SJW	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.03	07/01/98	SJW	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.03	07/01/98	SJW	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.03	07/01/98	SJW	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.03	07/01/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	96	%		07/01/98	SJW	877-09-8	
Decachlorobiphenyl (S)	93	%		07/01/98	SJW	2051-24-3	
Date Extracted				07/01/98			
GC/MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/06/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/06/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/06/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/06/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/06/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/06/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/06/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	75-34-3	
2,2 Dichloropropane	ND	ug/kg	5	07/06/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/06/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/06/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/06/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/06/98	TAW	71-43-2	
1,2-Dichloromethane	ND	ug/kg	5	07/06/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/06/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/06/98	TAW	75-27-4	

Pace Project Number: 108151
Client Project ID: 980021-06

Pace Sample No: 10701720
Client Sample ID: TTP65-2-5

Date Collected: 06/23/98
Date Received: 06/24/98

Matrix: Soil

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/06/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/06/98	TAW	108-88-3	
1,1,2 Trichloroethane	ND	ug/kg	5	07/06/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/06/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/06/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/06/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/06/98	TAW	100-41-4	
M&P Xylene	ND	ug/kg	5	07/06/98	TAW	7816-60-0	
O Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/06/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/06/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/06/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/06/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/06/98	TAW	108-86-1	
1,2,3 Trichloropropane	ND	ug/kg	5	07/06/98	TAW	96-18-4	
n Propylbenzene	ND	ug/kg	5	07/06/98	TAW	103-65-1	
2 Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	108-67-8	
4 Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	106-43-4	
1,2,4 Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	95-63-6	
Tert Butylbenzene	ND	ug/kg	5	07/06/98	TAW	135-98-8	
Sec Butylbenzene	ND	ug/kg	5	07/06/98	TAW	98-06-6	
p Isopropyltoluene	ND	ug/kg	5	07/06/98	TAW	99-87-6	
1,3 Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	541-73-1	
1,4 Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	106-46-7	
n Butylbenzene	ND	ug/kg	5	07/06/98	TAW	104-51-8	
1,2 Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/06/98	TAW	96-12-8	
1,2,4 Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/06/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/06/98	TAW	91-20-3	
1,2,3 Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-02-6	
cis 1,3 Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-01-5	
2 Chloroethyl Vinyl Ether	ND	ug/kg	5	07/06/98	TAW	110 75-8	
Acetone	7.4	ug/kg	20	07/06/98	TAW	67-64-1	1,2,4
2 Butanone	ND	ug/kg	10	07/06/98	TAW	78-93-3	

Pace Project Number: 108153
Client Project ID: 980623-06

Pace Sample No: 10701720 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTR67-2-5 Date Received: 06/24/98

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/06/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/06/98	TAW	75-15-0	
2 Hexanone	ND	ug/kg	100	07/06/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/06/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/06/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/06/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/06/98	TAW	108-20-3	
Ethyl-tert butyl ether	ND	ug/kg	5	07/06/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/06/98	TAW	994-05-8	
2-Methyl 2 propanol	ND	ug/kg	100	07/06/98	TAW	75-65-0	
Dibromofluoromethane (S)	102	%		07/06/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/06/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	102	%		07/06/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	126	%		07/06/98	TAW	17060-07-0	

Pace Project Number: 108153
Client Project ID: 980623-04

ce Sample No: 10701738
Client Sample ID: TTB65-3-1

Date Collected: 06/22/98
Date Received: 06/24/98
Matrix: Soil

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/06/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/06/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/06/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/06/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/06/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/06/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/06/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/06/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/06/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/06/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/06/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/06/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/06/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/06/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/06/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/06/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/06/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/06/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/06/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/06/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/06/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	1600	ug/kg	330	07/06/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/06/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/06/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/06/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/06/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/06/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/06/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/06/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	66	%		07/06/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	67	%		07/06/98	SAC	321-60-8	
Terphenyl-d14 (S)	83	%		07/06/98	SAC	1718-51-0	
Phenol-d6 (S)	63	%		07/06/98	SAC	13127-88-3	
2-Fluorophenol (S)	65	%		07/06/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	65	%		07/06/98	SAC	118-79-6	
Date Extracted				07/01/98			

Pace Project Number: 108153
Client Project ID: 9H0623.06

Lab Sample No: 10701746 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TP65.1-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics		Method: EPA 8270			Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/06/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/06/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/06/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/06/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/06/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/06/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/06/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/06/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/06/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/06/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/06/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/06/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/06/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/06/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/06/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/06/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/06/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/06/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/06/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/06/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/06/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/06/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/06/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/06/98	SAC	59-50-7	
2-Methylnaphthalene	67	ug/kg	330	07/06/98	SAC	91-57-6	J
Hexachlorocyclopentadiene	ND	ug/kg	330	07/06/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/06/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/06/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/06/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/06/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/06/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/06/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/06/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/06/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/06/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/06/98	SAC	51-28-5	

Pace Project Number: 100153
Client Project ID: 980423-06

Pace Sample No: 10701746
Client Sample ID: TTB65-3-3

Date Collected: 06/22/98
Date Received: 06/24/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4 Nitrophenol	ND	ug/kg	1600	07/06/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/06/98	SAC	132-64-9	
2,4 Dinitrotoluene	ND	ug/kg	330	07/06/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/06/98	SAC	84-66-2	
4 Chlorophenyl-phenylether	ND	ug/kg	330	07/06/98	SAC	7005-72-3	
Fluorene	110	ug/kg	330	07/06/98	SAC	86-73-7	2
4 Nitroaniline	ND	ug/kg	1600	07/06/98	SAC	100-01-6	
4,6 Dinitro-2-methylphenol	ND	ug/kg	1600	07/06/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/06/98	SAC	86-30-6	
4 Bromophenyl-phenylether	ND	ug/kg	330	07/06/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/06/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/06/98	SAC	87-86-5	
Phenanthrene	670	ug/kg	330	07/06/98	SAC	85-01-8	
Anthracene	180	ug/kg	330	07/06/98	SAC	120-12-7	2
Di-n-butylphthalate	ND	ug/kg	330	07/06/98	SAC	84-74-2	
Fluoranthene	930	ug/kg	330	07/06/98	SAC	206-44-0	
Pyrene	1100	ug/kg	330	07/06/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/06/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/06/98	SAC	91-94-1	
Benzo(a)anthracene	430	ug/kg	330	07/06/98	SAC	56-55-3	
Chrysene	420	ug/kg	330	07/06/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/06/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/06/98	SAC	117-84-0	
Benzo(b)fluoranthene	440	ug/kg	330	07/06/98	SAC	205-99-2	
Benzo(k)fluoranthene	210	ug/kg	330	07/06/98	SAC	207-08-9	2
Benzo(a)pyrene	380	ug/kg	330	07/06/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	80	ug/kg	330	07/06/98	SAC	193-39-5	2
Dibenz(a,h)anthracene	ND	ug/kg	330	07/06/98	SAC	53-70-3	
Benzo(g,h,i)perylene	72	ug/kg	330	07/06/98	SAC	191-24-2	2
Nitrobenzene-d5 (S)	54	%		07/06/98	SAC	4165-60-0	
2 Fluorobiphenyl (S)	59	%		07/06/98	SAC	321-60-8	
Terphenyl-d14 (S)	74	%		07/06/98	SAC	1718-51-0	
Phenol-d6 (S)	60	%		07/06/98	SAC	13127-88-3	
2-Fluorophenol (S)	59	%		07/06/98	SAC	367-12-4	
2,4,6 Tribromophenol (S)	56	%		07/06/98	SAC	118-79-6	
Date Extracted				07/01/98			

PACE Project Number: 108153
Client Project ID: 980623 06

Pace Sample No: 10701741
Client Sample ID: TTWP-1-S

Date Collected: 06/22/98
Date Received: 06/24/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi VOA							
Semivolatile Organics		Method: EPA 8270			Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/06/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/06/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/06/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/06/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/06/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/06/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/06/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/06/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/06/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/06/98	SAC	106-44-5	
N-Nitroso di n propylamine	ND	ug/kg	330	07/06/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/06/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/06/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/06/98	SAC	78-59-1	
2 Nitrophenol	ND	ug/kg	330	07/06/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/06/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/06/98	SAC	65-85-0	
bis(2 Chloroethoxy)methane	ND	ug/kg	330	07/06/98	SAC	111-91-1	
2,4 Dichlorophenol	ND	ug/kg	330	07/06/98	SAC	120-83-2	
1,2,4 Trichlorobenzene	ND	ug/kg	330	07/06/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/06/98	SAC	91-20-3	
4 Chloroaniline	ND	ug/kg	660	07/06/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/06/98	SAC	87-68-3	
4-Chloro-3 methylphenol	ND	ug/kg	660	07/06/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/06/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/06/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/06/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/06/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/06/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/06/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/06/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/06/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/06/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/06/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/06/98	SAC	83-32-9	
2,4 Dinitrophenol	ND	ug/kg	1600	07/06/98	SAC	51-28-5	

Pace Project Number: 108153
Client Project ID: 980623-06

Lab Sample No: 10701793 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TUB69-3-6 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/06/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/06/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/06/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/06/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/06/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/06/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/06/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/06/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/06/98	SAC	86-10-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/06/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/06/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/06/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/06/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/06/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/06/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/06/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/06/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/06/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/06/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/06/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/06/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/06/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/06/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/06/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/06/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/06/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/06/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/06/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/06/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	50	%		07/06/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	60	%		07/06/98	SAC	321-60-8	
Terphenyl-d14 (S)	74	%		07/06/98	SAC	1718-51-0	
Phenol-d6 (S)	61	%		07/06/98	SAC	13127-88-3	
2-Fluorophenol (S)	64	%		07/06/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	85	%		07/06/98	SAC	118-79-6	
Date Extracted				07/01/98			

Pace Project Number: 108153
Client Project ID: 980623-06

Lab Sample No: 10901761 Date Collected: 06/23/98 Matrix: Soil
Client Sample ID: TP65-4-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/06/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/06/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/06/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/06/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/06/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/06/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/06/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/06/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/06/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/06/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/06/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/06/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/06/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/06/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/06/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/06/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/06/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/06/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/06/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/06/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/06/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/06/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/06/98	TAW	75-25-2	

Pace Project Number: 108153
Client Project ID: 980623 06

Pace Sample No: 10701761 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTR65-4-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/06/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/06/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/06/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/06/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/06/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/06/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/06/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/06/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-01-5	
Chloroethyl Vinyl Ether	ND	ug/kg	5	07/06/98	TAW	110-75-8	
Acetone	6.0	ug/kg	20	07/06/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/06/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/06/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/06/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/06/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/06/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/06/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/06/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/06/98	TAW	108-20-3	
Ethyl-tert butyl ether	ND	ug/kg	5	07/06/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/06/98	TAW	994-05-8	
3-Methyl 2-propanol	ND	ug/kg	100	07/06/98	TAW	75-65-0	
Dibromofluoromethane (S)	100	%		07/06/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/06/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	98	%		07/06/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%		07/06/98	TAW	17060-07-0	

Pace Project Number: 108153
Client Project ID: 980623 06

Lab Sample No: 10701779 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB65-4-3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA							
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/06/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/06/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/06/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/06/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/06/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/06/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/06/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/06/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/06/98	TAW	74-97-5	
1,1,1 Trichloroethane	ND	ug/kg	5	07/06/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/06/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/06/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/06/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/06/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/06/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/06/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/06/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/06/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/06/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/06/98	TAW	100-41-4	
M&P Xylene	ND	ug/kg	5	07/06/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/06/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/06/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/06/98	TAW	75-25-2	

Pace Project Number: 108151
Client Project ID: 980621-06

Pace Sample No: 10701779
Client Sample ID: TTB65-4-3

Date Collected: 06/22/98
Date Received: 06/24/98

Matrix: Soil

Parameter	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/06/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/06/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/06/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/06/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/06/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/06/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/06/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/06/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/06/98	TAW	110-75-8	
Acetone	7.7	ug/kg	20	07/06/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/06/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/06/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/06/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/06/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/06/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/06/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/06/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/06/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/06/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/06/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/06/98	TAW	75-65-0	
Dibromofluoromethane (S)	94	%		07/06/98	TAW	1868-53-7	
Toluene-d8 (S)	98	%		07/06/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	96	%		07/06/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%		07/06/98	TAW	17060-07-0	

Lab Sample No: 10701787
Client Sample ID: TTB65-4-5

Date Collected: 06/22/98
Date Received: 06/24/98

Matrix: Soil

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA							
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 3060		
Dichlorodifluoromethane	ND	ug/kg	5	07/06/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/06/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/06/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/06/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/06/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/06/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/06/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/06/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/06/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/06/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/06/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/06/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	78-87-5	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/06/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/06/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/06/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/06/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/06/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/06/98	TAW	100-41-4	
M&P Xylene	ND	ug/kg	5	07/06/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/06/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/06/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/06/98	TAW	75-25-2	

Pace Project Number: 10H151
Client Project ID: 980621-06

Pace Sample No: 10701787 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTH65-4-5 Date Received: 06/24/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/06/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/06/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/06/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/06/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	135 98-8	
tert-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/06/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/06/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/06/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/06/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-02 6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/06/98	TAW	110-75-8	
Acetone	7.4	ug/kg	20	07/06/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/06/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/06/98	TAW	108-10 1	
Carbon Disulfide	ND	ug/kg	10	07/06/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/06/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/06/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/06/98	TAW	1634-04 4	
Ethanol	ND	ug/kg	500	07/06/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/06/98	TAW	108-20 3	
Ethyl tert-butyl ether	ND	ug/kg	5	07/06/98	TAW	637 92 3	
tert Amylmethyl ether	ND	ug/kg	5	07/06/98	TAW	994 05 8	
2-Methyl-2 propanol	ND	ug/kg	100	07/06/98	TAW	75-65 0	
Dibromofluoromethane (S)	96	%		07/06/98	TAW	1868 53 7	
Toluene-d8 (S)	100	%		07/06/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	96	%		07/06/98	TAW	460 00-4	
1,2-Dichloroethane-d4 (S)	106	%		07/06/98	TAW	17060-07-0	

Pace Project Number: 108153
Client Project ID: 980623-06

Pace Sample No: 10701795 Date Collected: 06/23/98 Matrix: Soil
Client Sample ID: TTB64-2-1 Date Received: 06/24/98

Parameter	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270			Prep Method: EPA 3550			
Phenol	170	ug/kg	330	07/06/98	SAC	108-95-2	2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/06/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/06/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/06/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/06/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/06/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/06/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/06/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/06/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/06/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/06/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/06/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/06/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/06/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/06/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/06/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/06/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/06/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/06/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/06/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/06/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/06/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/06/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/06/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/06/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/06/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/06/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/06/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/06/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/06/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/06/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/06/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/06/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/06/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/06/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/06/98	SAC	51-28-5	

Pace Project Number: 10815J
Client Project ID: 980623-06

Pace Sample No: 10701795 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB64-2-1 Date Received: 06/24/98

ameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/06/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/06/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/06/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/06/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/06/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/06/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/06/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/06/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/06/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/06/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/06/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/06/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/06/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/06/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/06/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/06/98	SAC	206-44-0	
Pyrene	87	ug/kg	330	07/06/98	SAC	129-00-0	J
Butylbenzylphthalate	ND	ug/kg	330	07/06/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/06/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/06/98	SAC	56-55-3	
Chrysene	66	ug/kg	330	07/06/98	SAC	218-01-9	J
bis(2-Ethylhexyl)phthalate	2300	ug/kg	330	07/06/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/06/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/06/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/06/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/06/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/06/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/06/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/06/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	63	%		07/06/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	70	%		07/06/98	SAC	321-60-8	
Terphenyl-d14 (S)	115	%		07/06/98	SAC	1718-51-0	
Phenol-d6 (S)	67	%		07/06/98	SAC	13127-88-3	
2-Fluorophenol (S)	64	%		07/06/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	60	%		07/06/98	SAC	118-79-6	
Date Extracted				07/01/98			

Pace Analytical

DATE: 07/16/98
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Pace Project Number: 10811
Client Project ID: 980623-06

Pace Sample No: 10701001 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB64-2-3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics		Method: EPA 8270			Prep Method: EPA 3550		
Phenol	ND	ug/kg	110	07/06/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	110	07/06/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	110	07/06/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/06/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/06/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/06/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/06/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	110	07/06/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/06/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	110	07/06/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	110	07/06/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	110	07/06/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/06/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/06/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	110	07/06/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/06/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/06/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/06/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	110	07/06/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	110	07/06/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	110	07/06/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/06/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/06/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/06/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/06/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/06/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/06/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/06/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/06/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/06/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	110	07/06/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	110	07/06/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	110	07/06/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/06/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/06/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/06/98	SAC	51-28-5	

Pace Project Number: 108153
Client Project ID: 980623 06

Lab Sample No: 10701803 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB64-2-3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/06/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/06/98	SAC	132-64-9	
2,4 Dinitrotoluene	ND	ug/kg	330	07/06/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/06/98	SAC	84-66-2	
4 Chlorophenyl-phenylether	ND	ug/kg	330	07/06/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/06/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/06/98	SAC	100-01-6	
4,6 Dinitro-2-methylphenol	ND	ug/kg	1600	07/06/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/06/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/06/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/06/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/06/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/06/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/06/98	SAC	120-12-7	
Di n-butylphthalate	ND	ug/kg	330	07/06/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/06/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/06/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/06/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/06/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/06/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/06/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/06/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/06/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/06/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/06/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/06/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/06/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/06/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/06/98	SAC	191-24-2	
Nitrobenzene d5 (S)	59	%		07/06/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	65	%		07/06/98	SAC	321-60-8	
Terphenyl d14 (S)	97	%		07/06/98	SAC	1718-51-0	
Phenol-d6 (S)	61	%		07/06/98	SAC	13127-88-3	
2-Fluorophenol (S)	65	%		07/06/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	53	%		07/06/98	SAC	118-79-6	
Date Extracted				07/01/98			

Pace Project Number: 108153
Client Project ID: 980623-06

Pace Sample No: 10701811 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTM64-2-5 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/07/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/07/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/07/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/07/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/07/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/07/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/07/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/07/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/07/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/07/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/07/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/07/98	SAC	206-44-0	
Pyrene	69	ug/kg	330	07/07/98	SAC	129-00-0	J
Butylbenzylphthalate	ND	ug/kg	330	07/07/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/07/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/07/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/07/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/07/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/07/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/07/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/07/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/07/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/07/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/07/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/07/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	81	%		07/07/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	84	%		07/07/98	SAC	321-60-8	
Terphenyl-d14 (S)	116	%		07/07/98	SAC	1718-51-0	
Phenol-d6 (S)	76	%		07/07/98	SAC	13127-88-3	
2-Fluorophenol (S)	61	%		07/07/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	73	%		07/07/98	SAC	118-79-6	
Date Extracted				07/02/98			

Pace Project Number: 10R153
Client Project ID: 980623-06

Pace Sample No:	10701829	Date Collected:	06/22/98
Client Sample ID:	TTB64-3-1	Date Received:	06/24/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Semi-VOA							
PCBs in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.01	07/05/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/05/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/05/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/05/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/05/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/05/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/05/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	97	%		07/05/98	SJW	877-09-8	
Decachlorobiphenyl (S)	87	%		07/05/98	SJW	2051-24-3	
Date Extracted				07/01/98			
GC/MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 8260	
Dichlorodifluoromethane	ND	ug/kg	5	07/06/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/06/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/06/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/06/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/06/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/06/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/06/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/06/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/06/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/06/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/06/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/06/98	TAW	79-01-6	
1,2 Dichloropropane	ND	ug/kg	5	07/06/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/06/98	TAW	75-27-4	

Pace Project Number: 10810
Client Project ID: 98D623-06

s Sample No: 10701829 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB64-3-1 Date Received: 06/24/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/06/98	TAW	74 95 3	
Toluene	ND	ug/kg	5	07/06/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	79 00 5	
Tetrachloroethene	ND	ug/kg	5	07/06/98	TAW	127 18 4	
1,3-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	142 28 9	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/06/98	TAW	106-93 4	
Chlorobenzene	ND	ug/kg	5	07/06/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/06/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/06/98	TAW	7816 60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/06/98	TAW	95-47 6	
Styrene	ND	ug/kg	5	07/06/98	TAW	100-42 5	
Bromoform	ND	ug/kg	5	07/06/98	TAW	75 25 2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/06/98	TAW	98 82 8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	79-34 5	
Bromobenzene	ND	ug/kg	5	07/06/98	TAW	108 86 1	
1,2,3-Trichloropropene	ND	ug/kg	5	07/06/98	TAW	96 18 4	
n-Propylbenzene	ND	ug/kg	5	07/06/98	TAW	103-65 1	
2-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	95 49 8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	108-67 8	
4-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	106-43-4	
1,2,4 Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	95-63-6	
Sec-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	98 06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/06/98	TAW	99 87 6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	541 73 1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	106 46 7	
n Butylbenzene	ND	ug/kg	5	07/06/98	TAW	104 51 8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	95 50 1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5,	07/06/98	TAW	96 12 8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/06/98	TAW	87 68 3	
Naphthalene	ND	ug/kg	5	07/06/98	TAW	91 20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/06/98	TAW	110-75-8	
Acetone	9 7	ug/kg	20	07/06/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/06/98	TAW	78 93 3	

Pace Project Number: 108153
Client Project ID: 980623:06

Pace Sample No: 10701829 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB64 3-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/06/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/06/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/06/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/06/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/06/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/06/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/06/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/06/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/06/98	TAW	994-05-8	
2 Methyl-2 propanol	ND	ug/kg	100	07/06/98	TAW	75-65-0	
Dibromofluoromethane (S)	94	%		07/06/98	TAW	1868-53-7	
Toluene-d8 (S)	102	%		07/06/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	100	%		07/06/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%		07/06/98	TAW	17060-07-0	

Pace Project Number: 108153
Client Project ID: 980623-06

n Sample No: 10701117 Date Collected: 06/22/98 Matrix: Soil
lient Sample ID: TP104-1-3 Date Received: 06/24/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
MC -- Semi-VOA							
CB's in Soil, Low Level		Method: EPA 8080			Prep Method: EPA 3550		
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.07	07/01/98	SJW	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.07	07/01/98	SJW	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.07	07/01/98	SJW	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.07	07/01/98	SJW	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.01	07/01/98	SJW	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.01	07/01/98	SJW	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.01	07/01/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	94	%		07/01/98	SJW	877-09-8	
Decachlorobiphenyl (S)	77	%		07/01/98	SJW	2051-24-3	
Date Extracted				07/01/98			
...MS -- VOA							
C/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 5030		
Dichlorodifluoromethane	ND	ug/kg	5	07/06/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/06/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/06/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/06/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/06/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/06/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/06/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/06/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/06/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/06/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/06/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/06/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/06/98	TAW	75-27-4	

Pace Project Number: 10081541
Client Project ID: 980623-06

Lab Sample No: 10701837 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB64-3-3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/06/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/06/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/06/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/06/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/06/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/06/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/06/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/06/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/06/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/06/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/06/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/06/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/06/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/06/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	95-63-6	
Sec-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/06/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/06/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/06/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/06/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/06/98	TAW	110-75-8	
Acetone	8.8	ug/kg	20	07/06/98	TAW	67-64-1	1,2,4
2-Butanone	ND	ug/kg	10	07/06/98	TAW	78-93-3	

Pace Project Number: 108153
Client Project ID: 980623.06

Pace Sample No: 10701837 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTHG4-3-1 Date Received: 06/24/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/06/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/06/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/06/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/06/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/06/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/06/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/06/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/06/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/06/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/06/98	TAW	75-65-0	
Dibromofluoromethane (S)	94	%		07/06/98	TAW	1868-53-7	
Toluene-d8 (S)	98	%		07/06/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	98	%		07/06/98	TAW	460-00-4	
1,2-Dichloroethane d4 (S)	104	%		07/06/98	TAW	17060-07-0	

Pace Analytical

DATE: 07/16/98
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Pace Project Number: 108153
Client Project ID: 980623-06

Pace Sample No: 10701845 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB64-3-5 Date Received: 06/24/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC -- Semi-VOA							
PCB's in Soil, Low Level)		Method: EPA 8080				Prep Method: EPA 3550	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/05/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/05/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/05/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/05/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/05/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/05/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/05/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	113	%		07/05/98	SJW	877-09-8	
Decachlorobiphenyl (S)	83	%		07/05/98	SJW	2051-24-3	
Date Extracted				07/01/98			
GC/MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 8260	
Dichlorodifluoromethane	ND	ug/kg	5	07/06/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/06/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/06/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/06/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/06/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/06/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/06/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/06/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/06/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/06/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/06/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/06/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/06/98	TAW	75-27-4	

Pace Project Number: 108153
Client Project ID: 980633-06

Pace Sample No: 1070104S
Client Sample ID: TTB64-3-5
Date Collected: 06/22/98
Date Received: 06/24/98
Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/06/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/06/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/06/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/06/98	TAW	106 93-4	
Chlorobenzene	ND	ug/kg	5	07/06/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/06/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/06/98	TAW	7216-40-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/06/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/06/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/06/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/06/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/06/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/06/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/06/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	95-63-6	
Sec-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/06/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	541 73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	106 46 7	
n-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	104 51 8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	95 50 1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/06/98	TAW	96 12 8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	120 82 1	
Hexachlorobutadiene	ND	ug/kg	5	07/06/98	TAW	87 68 3	
Naphthalene	ND	ug/kg	5	07/06/98	TAW	91 20 3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-02 6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061 01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/06/98	TAW	110-75-8	
Acetone	10	ug/kg	20	07/06/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/06/98	TAW	78-93-3	

Pace Project Number: 108153
Client Project ID: 980623-06

Pace Sample No: 10701845 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB64-3-5 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/06/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/06/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/06/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/06/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/06/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/06/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/06/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/06/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/06/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/06/98	TAW	75-65-0	
Dibromofluoromethane (S)	92	%		07/06/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/06/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	100	%		07/06/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%		07/06/98	TAW	17060-07-0	

Pace Project Number: 10015(
Client Project ID: WBG621-04

Lab Sample No: 10701857 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB65-1-1 Date Received: 06/24/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics		Method: EPA 8270			Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/07/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/07/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/07/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/07/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/07/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/07/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/07/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/07/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/07/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/07/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/07/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/07/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/07/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/07/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/07/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/07/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/07/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/07/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/07/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/07/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/07/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/07/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/07/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/07/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/07/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/07/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/07/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/07/98	SAC	51-28-5	

Pace Project Number: 10H1S1
Client Project ID: 980623-06

Pace Sample No: 10701852 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TT1165-1-1 Date Received: 06/24/98

Parameter	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/07/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	410	07/07/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	410	07/07/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/07/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	410	07/07/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	410	07/07/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/07/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/07/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/07/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/07/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/07/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/07/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/07/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/07/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/07/98	SAC	129-00-0	
Butylbenzylphthalate	67	ug/kg	330	07/07/98	SAC	85-68-7	J
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/07/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/07/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/07/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/07/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/07/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/07/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/07/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/07/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/07/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/07/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/07/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	71	%		07/07/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	80	%		07/07/98	SAC	321-60-8	
Terphenyl-d14 (S)	105	%		07/07/98	SAC	1718-51-0	
Phenol-d6 (S)	62	%		07/07/98	SAC	13127-88-3	
2-Fluorophenol (S)	53	%		07/07/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	62	%		07/07/98	SAC	118-79-6	
Date Extracted				07/02/98			

Pace Project Number: 108153
Client Project ID: 980623-06

Pace Sample No: 10701860 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTH64-1-3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/07/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/07/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/07/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/07/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/07/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/07/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/07/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/07/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/07/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/07/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/07/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/07/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/07/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/07/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/07/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/07/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/07/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/07/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/07/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/07/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/07/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/07/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/07/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/07/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/07/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/07/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/07/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/07/98	SAC	51-28-5	

Pace Project Number: 10015?
Client Project ID: 980627-06

Pace Sample No: 10701860
Client Sample ID: TTB65-1 3

Date Collected: 06/22/98
Date Received: 06/24/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/07/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/07/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/07/98	SAC	84-66-2	
4-Chlorophenyl phenylether	ND	ug/kg	330	07/07/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/07/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/07/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/07/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/07/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/07/98	SAC	87-86-5	
Phenanthrene	150	ug/kg	330	07/07/98	SAC	85-01-8	3
Anthracene	ND	ug/kg	330	07/07/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/07/98	SAC	84-74-2	
Fluoranthene	130	ug/kg	330	07/07/98	SAC	206-44-0	2
Pyrene	240	ug/kg	330	07/07/98	SAC	129-00-0	2
Butylbenzylphthalate	ND	ug/kg	330	07/07/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/07/98	SAC	91-94-1	
Benzo(a)anthracene	98	ug/kg	330	07/07/98	SAC	56-55-3	2
Chrysene	100	ug/kg	330	07/07/98	SAC	218-01-9	2
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/07/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/07/98	SAC	117-84-0	
Benzo(b)fluoranthene	75	ug/kg	330	07/07/98	SAC	205-99-2	2
Benzo(k)fluoranthene	ND	ug/kg	330	07/07/98	SAC	207-08-9	
Benzo(a)pyrene	73	ug/kg	330	07/07/98	SAC	50-32-8	2
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/07/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/07/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/07/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	81	%		07/07/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	91	%		07/07/98	SAC	321-60-8	
Terphenyl-d14 (S)	119	%		07/07/98	SAC	1718-51-0	
Phenol-d6 (S)	72	%		07/07/98	SAC	13127-88-3	
2-Fluorophenol (S)	61	%		07/07/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	75	%		07/07/98	SAC	118-79-6	
Date Extracted				07/02/98			

Pace Project Number: 10815
Client Project ID: 98062.5-06

Sample No: 10701878 Date Collected: 06/22/98 Matrix: Soil
Sample ID: TP65-1-S Date Received: 06/24/98

Term	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
Volatile Organics		Method: EPA 8270			Prep Method: EPA 3550		
enol	ND	ug/kg	330	07/07/98	SAC	108-95-2	
s(2-Chloroethyl)ether	ND	ug/kg	330	07/07/98	SAC	111-44-4	
Chlorophenol	ND	ug/kg	330	07/07/98	SAC	95-57-8	
3-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	541-73-1	
4-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	106-46-7	
nzyl Alcohol	ND	ug/kg	660	07/07/98	SAC	100-51-6	
2-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	95-50-1	
Methylphenol	ND	ug/kg	330	07/07/98	SAC	95-48-7	
s(2-Chloroisopropyl)ether	ND	ug/kg	330	07/07/98	SAC	39638-32-9	
Methylphenol	ND	ug/kg	330	07/07/98	SAC	106-44-5	
Nitroso-di-n-propylamine	ND	ug/kg	330	07/07/98	SAC	621-64-7	
xachloroethane	ND	ug/kg	330	07/07/98	SAC	67-72-1	
trobenzene	ND	ug/kg	330	07/07/98	SAC	98-95-3	
sophorone	ND	ug/kg	330	07/07/98	SAC	78-59-1	
Nitrophenol	ND	ug/kg	330	07/07/98	SAC	88-75-5	
4-Dimethylphenol	ND	ug/kg	330	07/07/98	SAC	105-67-9	
nzoic Acid	ND	ug/kg	1600	07/07/98	SAC	65-85-0	
s(2-Chloroethoxy)methane	ND	ug/kg	330	07/07/98	SAC	111-91-1	
4-Dichlorophenol	ND	ug/kg	330	07/07/98	SAC	120-83-2	
2,4-Trichlorobenzene	ND	ug/kg	330	07/07/98	SAC	120-82-1	
phthalene	ND	ug/kg	330	07/07/98	SAC	91-20-3	
-Chloroaniline	ND	ug/kg	660	07/07/98	SAC	106-47-8	
xachlorobutadiene	ND	ug/kg	330	07/07/98	SAC	87-68-3	
-Chloro-3-methylphenol	ND	ug/kg	660	07/07/98	SAC	59-50-7	
-Methylnaphthalene	ND	ug/kg	330	07/07/98	SAC	91-57-6	
xachlorocyclopentadiene	ND	ug/kg	330	07/07/98	SAC	77-47-4	
,4,6-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	88-06-2	
,4,5-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	95-95-4	
-Chloronaphthalene	ND	ug/kg	330	07/07/98	SAC	91-58-7	
-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	88-74-4	
imethylphthalate	ND	ug/kg	330	07/07/98	SAC	131-11-3	
cenaphthylene	ND	ug/kg	330	07/07/98	SAC	208-96-8	
,6-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	606-20-2	
-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	99-09-2	
cenaphthene	ND	ug/kg	330	07/07/98	SAC	83-32-9	
,4-Dinitrophenol	ND	ug/kg	1600	07/07/98	SAC	51-28-5	

Pace Project Number: 1081151
Client Project ID: 980621-06

Sample No: 10701878
Sample Id: TTB65-1-S
Date Collected: 06/22/98
Date Received: 06/24/98
Matrix: Soil

Test	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Nitrophenol	ND	ug/kg	1600	07/07/98	SAC	100-02-7	
benzofuran	ND	ug/kg	330	07/07/98	SAC	132-64-9	
4 Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	121-14-2	
ethylphthalate	ND	ug/kg	330	07/07/98	SAC	84-66-2	
Chlorophenyl-phenylether	ND	ug/kg	110	07/07/98	SAC	7005-72-3	
luorene	ND	ug/kg	110	07/07/98	SAC	86 73 7	
-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	100 01 6	
,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/07/98	SAC	534 52 1	
-Nitrosodiphenylamine	ND	ug/kg	110	07/07/98	SAC	86-30-6	
-Bromophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	101-55 3	
exachlorobenzene	ND	ug/kg	110	07/07/98	SAC	118-74-1	
entachlorophenol	ND	ug/kg	1600	07/07/98	SAC	87-86 5	
henanthrene	310	ug/kg	110	07/07/98	SAC	85-01 8	2
nthracene	ND	ug/kg	110	07/07/98	SAC	120 12-7	
i-n-butylphthalate	ND	ug/kg	330	07/07/98	SAC	84 74 2	
luoranthene	300	ug/kg	110	07/07/98	SAC	206 44 0	2
yrene	420	ug/kg	110	07/07/98	SAC	129 00-0	
utylbenzylphthalate	ND	ug/kg	110	07/07/98	SAC	85 68 7	
,3'-Dichlorobenzidine	ND	ug/kg	660	07/07/98	SAC	91 94 1	
enzo(a)anthracene	170	ug/kg	110	07/07/98	SAC	56 55 3	2
hrysene	160	ug/kg	110	07/07/98	SAC	218-01-9	2
is(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/07/98	SAC	117-81-7	
i-n-octylphthalate	ND	ug/kg	330	07/07/98	SAC	117-84-0	
enzo(b)fluoranthene	150	ug/kg	330	07/07/98	SAC	205-99-2	2
enzo(k)fluoranthene	79	ug/kg	330	07/07/98	SAC	207 08 9	2
enzo(a)pyrene	130	ug/kg	330	07/07/98	SAC	50-32 8	2
ndeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/07/98	SAC	193-39-5	
ibenz(a,h)anthracene	ND	ug/kg	330	07/07/98	SAC	53-70 3	
enzo(g,h,i)perylene	82	ug/kg	330	07/07/98	SAC	191 24 2	2
itrobenzene-d5 (S)	85	%		07/07/98	SAC	4165 60 0	
-Fluorobiphenyl (S)	86	%		07/07/98	SAC	321 60 8	
erphenyl-d14 (S)	116	%		07/07/98	SAC	1718 51 0	
henol-d6 (S)	72	%		07/07/98	SAC	13127 88 1	
-Fluorophenol (S)	59	%		07/07/98	SAC	367-12 4	
,4,6-Tribromophenol (S)	56	%		07/07/98	SAC	118 79 6	
ate Extracted				07/02/98			

Pace Project Number: 10815
Client Project ID: 980623-06

Sample No: 10701H86 Date Collected: 06/22/98 Matrix: Soil
Sample ID: TTH62-4-1 Date Received: 06/24/98

Test	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Semi VOA							
Volatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	110	ug/kg	330	07/08/98	SAC	108-95-2	2
Bis(2 Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
Bis(2 Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
N-Nitroso di n propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
Bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

Pace Project Number: 1001501
Client Project ID: 980621-06

Sample No: 10701886 Date Collected: 06/22/98 Matrix: Soil
Sample ID: TTB62-3-1 Date Received: 06/24/98

Param	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
henanthrene	ND	ug/kg	330	07/08/98	SAC	132-64-9	
4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
,ethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
luorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
exachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
ntachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
henanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
thracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
-n-butylphthalate	ND	ug/kg	330	07/08/98	SAC	84-74-2	
luoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0	
yrene	71	ug/kg	330	07/08/98	SAC	129-00-0	2
utylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7	
,3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
enzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
hrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
is(2-ethylhexyl)phthalate	490	ug/kg	330	07/08/98	SAC	117-81-7	
i-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
enzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
enzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
enzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
ndeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
ibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
enzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
it robenzene-d5 (S)	91	%		07/08/98	SAC	4165-60-0	
-Fluorobiphenyl (S)	90	%		07/08/98	SAC	321-60-8	
erphenyl-d14 (S)	162	%		07/08/98	SAC	1718-51-0	5
henol-d6 (S)	75	%		07/08/98	SAC	13127-88-3	
-Fluorophenol (S)	66	%		07/08/98	SAC	367-12-4	
,4,6-Tribromophenol (S)	92	%		07/08/98	SAC	118-79-6	
ate Extracted				07/02/98			

Pace Project Number: 108153
Client Project ID: 980623-06

Sample No: 10701894 Date Collected: 06/22/98 Matrix: Soil
Sample ID: TP062-3-1 Date Received: 06/24/98

Item	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
Volatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/07/98	SAC	108-95-2	
Bis(2-Chloroethyl)ether	ND	ug/kg	330	07/07/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/07/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/07/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/07/98	SAC	95-48-7	
Bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/07/98	SAC	108-60-1	
4-Methylphenol	ND	ug/kg	330	07/07/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/07/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/07/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/07/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/07/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/07/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/07/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/07/98	SAC	65-85-0	
Bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/07/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/07/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/07/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/07/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/07/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/07/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/07/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/07/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/07/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/07/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/07/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/07/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/07/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/07/98	SAC	51-28-5	

Pace Analytical

Pace Project Number: 10H151
Client Project ID: 980621-06

Sample No: 10701894 Date Collected: 06/22/98 Matrix: Soil
c Sample ID: TTB62-3 3 Date Received: 06/24/98

ocara	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-Nitrophenol	ND	ug/kg	1600	07/07/98	SAC	100-02-7	
ibenzofuran	ND	ug/kg	330	07/07/98	SAC	132-64-9	
,4-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	121-14-2	
iethylphthalate	ND	ug/kg	330	07/07/98	SAC	84-66-2	
-Chlorophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	7005-72-3	
luorene	ND	ug/kg	330	07/07/98	SAC	86-73-7	
-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	100-01-6	
,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/07/98	SAC	534-52-1	
-Nitrosodiphenylamine	ND	ug/kg	330	07/07/98	SAC	86-30-6	
-Bromophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	101-55-3	
exachlorobenzene	ND	ug/kg	330	07/07/98	SAC	118-74-1	
entachlorophenol	ND	ug/kg	1600	07/07/98	SAC	87-86-5	
henanthrene	ND	ug/kg	330	07/07/98	SAC	85-01-8	
nthracene	ND	ug/kg	330	07/07/98	SAC	120-12-7	
i-n-butylphthalate	ND	ug/kg	330	07/07/98	SAC	84-74-2	
luoranthene	ND	ug/kg	330	07/07/98	SAC	206-44-0	
yrene	ND	ug/kg	330	07/07/98	SAC	129-00-0	
utylbenzylphthalate	69	ug/kg	330	07/07/98	SAC	85-68-7	2
,3'-Dichlorobenzidine	ND	ug/kg	660	07/07/98	SAC	91-94-1	
enzo(a)anthracene	ND	ug/kg	330	07/07/98	SAC	56-55-3	
hrysene	ND	ug/kg	330	07/07/98	SAC	218-01-9	
is(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/07/98	SAC	117-81-7	
i-n-octylphthalate	ND	ug/kg	330	07/07/98	SAC	117-84-0	
enzo(b)fluoranthene	ND	ug/kg	330	07/07/98	SAC	205-99-2	
enzo(k)fluoranthene	ND	ug/kg	330	07/07/98	SAC	207-08-9	
enzo(a)pyrene	ND	ug/kg	330	07/07/98	SAC	50-32-8	
deno(1,2,3-cd)pyrene	ND	ug/kg	330	07/07/98	SAC	193-39-5	
ibenz(a,h)anthracene	ND	ug/kg	330	07/07/98	SAC	53-70-3	
enzo(g,h,i)perylene	ND	ug/kg	330	07/07/98	SAC	191-24-2	
itrobenzene-d5 (S)	95	%		07/07/98	SAC	4165-60-0	
-Fluorobiphenyl (S)	108	%		07/07/98	SAC	321-60-8	
erphenyl-d14 (S)	104	%		07/07/98	SAC	1718-51-0	5
henol-d6 (S)	ND	%		07/07/98	SAC	13127-88-3	
-Fluorophenol (S)	67	%		07/07/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	71	%		07/07/98	SAC	118-79-6	
Date Extracted				07/02/98			

Pace Project Number: 10H153
Client Project ID: 980621 D6

Sample No: 10701902 Date Collected: 06/22/98 Matrix: Soil
Sample ID: TTP63-3-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Semi-VOA							
Volatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/07/98	SAC	108-95-2	
Bis(2-Chloroethyl)ether	ND	ug/kg	330	07/07/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/07/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/07/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/07/98	SAC	95-48-7	
Bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/07/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/07/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/07/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/07/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/07/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/07/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/07/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/07/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/07/98	SAC	65-85-0	
Bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/07/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/07/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/07/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/07/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/07/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/07/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/07/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/07/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/07/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/07/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/07/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/07/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/07/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/07/98	SAC	51-28-5	

Pace Project Number: 104153
Client Project ID: 980623 06

Sample No: 10701902 Date Collected: 06/22/98 Matrix: Soil
Sample ID: TTP63 3-1 Date Received: 06/24/98

ters	Results	Units	PRL	Analyzed	Analyst	CASN	Footnotes
Nitrophenol	ND	ug/kg	1600	07/07/98	SAC	100-02-7	
benzofuran	ND	ug/kg	330	07/07/98	SAC	132 64-9	
4-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	121 14-2	
ethylphthalate	ND	ug/kg	330	07/07/98	SAC	84 66-2	
Chlorophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	7005 72-3	
uorene	ND	ug/kg	330	07/07/98	SAC	86 73 7	
Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	100-01-6	
6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/07/98	SAC	534-52-1	
Nitrosodiphenylamine	ND	ug/kg	330	07/07/98	SAC	86 30-6	
Bromophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	101 55-3	
xachlorobenzene	ND	ug/kg	330	07/07/98	SAC	118 74-1	
ntachlorophenol	ND	ug/kg	1600	07/07/98	SAC	87-86-5	
enanthrene	ND	ug/kg	330	07/07/98	SAC	85 01-8	
thracene	ND	ug/kg	330	07/07/98	SAC	120-12-7	
n-butylphthalate	ND	ug/kg	330	07/07/98	SAC	84-74-2	
uoranthene	ND	ug/kg	330	07/07/98	SAC	206 44-0	
rene	90	ug/kg	330	07/07/98	SAC	129 00-0	J
tylbenzylphthalate	87	ug/kg	330	07/07/98	SAC	85 68-7	J
3'-Dichlorobenzidine	ND	ug/kg	660	07/07/98	SAC	91 94-1	
nzo(a)anthracene	ND	ug/kg	330	07/07/98	SAC	56 55-3	
rysene	ND	ug/kg	330	07/07/98	SAC	218 01 9	
is(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/07/98	SAC	117 81 7	
n-octylphthalate	ND	ug/kg	330	07/07/98	SAC	117-84 0	
nzo(b)fluoranthene	ND	ug/kg	330	07/07/98	SAC	205 99-2	
nzo(k)fluoranthene	ND	ug/kg	330	07/07/98	SAC	207 08-9	
nzo(a)pyrene	ND	ug/kg	330	07/07/98	SAC	50 32-8	
deno(1,2,3-cd)pyrene	ND	ug/kg	330	07/07/98	SAC	193-39-5	
benz(a,h)anthracene	ND	ug/kg	330	07/07/98	SAC	53 70 3	
nzo(g,h,i)perylene	ND	ug/kg	330	07/07/98	SAC	191 24-2	
trobenzene-d5 (S)	88	%		07/07/98	SAC	4165 60-0	
-Fluorobiphenyl (S)	96	%		07/07/98	SAC	321 60 8	
erphenyl-d14 (S)	138	%		07/07/98	SAC	1718 51-0	
henol-d6 (S)	77	%		07/07/98	SAC	13127 88-3	
-Fluorophenol (S)	64	%		07/07/98	SAC	367 12 4	
,4,6-Tribromophenol (S)	78	%		07/07/98	SAC	118 79-6	
ate Extracted				07/02/98			

Pace Project Number: 108151
Client Project ID: 980623-00

Sample No: 10701010 Date Collected: 06/22/98 Matrix: Soil
t Sample ID: TTB63-3 3 Date Received: 06/24/98

...ters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
...olatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
henol	ND	ug/kg	330	07/08/98	SAC	108 95-2	
is(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111 44-4	
-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95 57 8	
,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541 73 1	
,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106 46-7	
enzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100 51-6	
,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95 48-7	
is(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106 44 5	
-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621 64 7	
exachloroethane	ND	ug/kg	330	07/08/98	SAC	67 72-1	
itrobenzene	ND	ug/kg	330	07/08/98	SAC	98 95 3	
sophorone	ND	ug/kg	330	07/08/98	SAC	78 59 1	
-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88 75 5	
,4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105 67 9	
enzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
is(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91 1	
,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83 2	
,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82 1	
aphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
exachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
exachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208 96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606 20-2	
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99 09-2	
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83 32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51 28 5	

Pace Project Number: 108153
Client Project ID: 980623 06

Sample No: 10701928 Date Collected: 06/22/98 Matrix: Soil
Sample ID: TTB63-4 1 Date Received: 06/24/98

Term	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- VOA							
8260 VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/06/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/06/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/06/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/06/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/06/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/06/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/06/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-60-5	
1,1 Dichloroethane	ND	ug/kg	5	07/06/98	TAW	75-34-3	
1,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/06/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/06/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/06/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/06/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/06/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	78-87-5	
Dibromodichloromethane	ND	ug/kg	5	07/06/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/06/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/06/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/06/98	TAW	127-18-4	
1,3 Dichloropropane	ND	ug/kg	5	07/06/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/06/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/06/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/06/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/06/98	TAW	7216-66-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/06/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/06/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/06/98	TAW	75-25-2	

Pace Project Number: 10701)
Client Project ID: 980621-06

Sample No: 10701028 Date Collected: 06/22/98 Matrix Soil
Sample ID TTN63-4-1 Date Received: 06/24/98

Ware	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
sopropylbenzene (Cumene)	ND	ug/kg	5	07/06/98	TAW	98-82-8	
1,2,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	79-34-5	
romobenzene	ND	ug/kg	5	07/06/98	TAW	108-86-1	
2,3-Trichloropropane	ND	ug/kg	5	07/06/98	TAW	96-18-4	
-Propylbenzene	ND	ug/kg	5	07/06/98	TAW	103-65-1	
-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	95-49-8	
3,5-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	108-67-8	
-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	106-43-4	
,2,4-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	95-63-6	
c-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	135-98-8	
ert-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	98-06-6	
-Isopropyltoluene	ND	ug/kg	5	07/06/98	TAW	99-87-6	
3-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	541-73-1	
,4-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	106-46-7	
-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	104-51-8	
,2-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	95-50-1	
,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/06/98	TAW	96-12-8	
,2,4-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	120-82-1	
exachlorobutadiene	ND	ug/kg	5	07/06/98	TAW	87-68-3	
aphthalene	ND	ug/kg	5	07/06/98	TAW	91-20-3	
,2,3-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	87-61-6	
rans-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-02-6	
is-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-01-5	
-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/06/98	TAW	110-75-8	
exane	8.1	ug/kg	20	07/06/98	TAW	67-64-1	1,2,5
-Butanone	ND	ug/kg	10	07/06/98	TAW	78-93-3	
-Methyl-2-Pentanone	ND	ug/kg	10	07/06/98	TAW	108-10-1	
arbon Disulfide	ND	ug/kg	10	07/06/98	TAW	75-15-0	
-Hexanone	ND	ug/kg	100	07/06/98	TAW	591-78-6	
inyl Acetate	ND	ug/kg	100	07/06/98	TAW	108-05-4	
ethyl-tert-butyl Ether	ND	ug/kg	5	07/06/98	TAW	1634-04-4	
ethanol	ND	ug/kg	500	07/06/98	TAW	64-17-5	
sopropyl Ether	ND	ug/kg	5	07/06/98	TAW	108-20-3	
thyl-tert-butyl ether	ND	ug/kg	5	07/06/98	TAW	637-92-3	
ert-Amylmethyl ether	ND	ug/kg	5	07/06/98	TAW	994-05-8	
-Methyl-2-propanol	ND	ug/kg	100	07/06/98	TAW	75-65-0	
ibromofluoromethane (S)	94	%		07/06/98	TAW	1868-53-7	
Toluene-d8 (S)	102	%		07/06/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	98	%		07/06/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%		07/06/98	TAW	17060-07-0	

Pace Project Number: 108153
Client Project ID: 980623-06

Sample No: 10701936
Sample ID: 17863 4 3
Date Collected: 06/22/98
Date Received: 06/24/98
Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
VOA							
MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/06/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/06/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/06/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/06/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/06/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/06/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/06/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	75-35-4	
Trans-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	594-20-7	
Cis-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/06/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/06/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/06/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/06/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/06/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/06/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/06/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/06/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/06/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/06/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/06/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/06/98	TAW	100-41-4	
M&P Xylene	ND	ug/kg	5	07/06/98	TAW	7H16-60-0	
O Xylene (1,2 Dimethylbenzene)	ND	ug/kg	5	07/06/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/06/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/06/98	TAW	75-25-2	

Pace Project Number: 108153
Client Project ID: 980671-06

Sample No. 1070191G
c Sample ID: TTMW1-4-1

Date Collected: 06/22/98
Date Received: 06/24/98

Matrix Soil

Parm	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
opropylbenzene (Cumene)	ND	ug/kg	5	07/06/98	TAW	98-82-8	
,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	79-34-5	
romobenzene	ND	ug/kg	5	07/06/98	TAW	108 86 1	
,2,3-Trichloropropane	ND	ug/kg	5	07/06/98	TAW	96-18-4	
-Propylbenzene	ND	ug/kg	5	07/06/98	TAW	103 65-1	
-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	95 49-8	
3,5-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	108 67-8	
-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	106 43-4	
2,4-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	95-63-6	
c-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	135-98-8	
ri-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	98-06 6	
-Isopropyltoluene	ND	ug/kg	5	07/06/98	TAW	99 87 6	
,3-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	541 73 1	
,4-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	106-46-7	
-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	104 51-8	
,2-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	95 50 1	
,2-Dibromo 3 Chloropropane	ND	ug/kg	5	07/06/98	TAW	96-12 8	
,2,4-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	120-82 1	
exachlorobutadiene	ND	ug/kg	5	07/06/98	TAW	87-68-3	
aphthalene	ND	ug/kg	5	07/06/98	TAW	91 20 3	
,2,3-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	87 61 6	
rans 1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061 02-6	
is-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061 01-5	
-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/06/98	TAW	110 75-8	
etone	8.5	ug/kg	20	07/06/98	TAW	67 64 1	1,2,3
-Butanone	ND	ug/kg	10	07/06/98	TAW	78 93 3	
-Methyl-2-Pentanone	ND	ug/kg	10	07/06/98	TAW	108-10 1	
arbon Disulfide	ND	ug/kg	10	07/06/98	TAW	75 15 0	
-Hexanone	ND	ug/kg	100	07/06/98	TAW	591 78-6	
inyl Acetate	ND	ug/kg	100	07/06/98	TAW	108-05 4	
ethyl-tert butyl Ether	ND	ug/kg	5	07/06/98	TAW	1634 04 4	
thanol	1700	ug/kg	500	07/06/98	TAW	64-17 5	4
opropyl Ether	ND	ug/kg	5	07/06/98	TAW	108-20 3	
thyl-tert-butyl ether	ND	ug/kg	5	07/06/98	TAW	637 92 3	
rt-Amylmethyl ether	ND	ug/kg	5	07/06/98	TAW	994 05-8	
-Methyl-2-propanol	ND	ug/kg	100	07/06/98	TAW	75 65 0	
Dibromofluoromethane (S)	94	%		07/06/98	TAW	1868-53-7	
Toluene-d8 (S)	102	%		07/06/98	TAW	2037 26-5	
-Bromofluorobenzene (S)	96	%		07/06/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%		07/06/98	TAW	17060-07-0	

Pace Project Number: 108153
Client Project ID: 980623-06

Lab Sample No: 10701944 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB3-4-5 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS - VOA							
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/06/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/06/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/06/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/06/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/06/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/06/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/06/98	TAW	75-09-2	
1,1 Dichloroethene	ND	ug/kg	5	07/06/98	TAW	75-35-4	
trans 1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	75-34-3	
2,2 Dichloropropane	ND	ug/kg	5	07/06/98	TAW	594-20-7	
cis 1,2 Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/06/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/06/98	TAW	74-97-5	
1,1,1 Trichloroethane	ND	ug/kg	5	07/06/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/06/98	TAW	56-23-5	
1,1 Dichloropropene	ND	ug/kg	5	07/06/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/06/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/06/98	TAW	79-01-6	
1,2 Dichloropropane	ND	ug/kg	5	07/06/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/06/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/06/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/06/98	TAW	108-88-3	
1,1,2 Trichloroethane	ND	ug/kg	5	07/06/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/06/98	TAW	127-18-4	
1,3 Dichloropropane	ND	ug/kg	5	07/06/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	124-48-1	
1,2 Dibromoethane	ND	ug/kg	5	07/06/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/06/98	TAW	108-90-7	
1,1,1,2 Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/06/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/06/98	TAW	7816-60-0	
O-Xylene (1,2 Dimethylbenzene)	ND	ug/kg	5	07/06/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/06/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/06/98	TAW	75-25-2	

Pace Analytical

Pace Project Number: 10816
Client Project ID: 980623 06

Pace Sample No: 10701944
Client Sample ID: TTHC1-4-5

Date Collected: 06/22/98
Date Received: 06/24/98
Matrix: Soil

Analyte	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/06/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/06/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/06/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/06/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/06/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/06/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/06/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/06/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/06/98	TAW	110-75-8	
Acetone	7.4	ug/kg	20	07/06/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/06/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/06/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/06/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/06/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/06/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/06/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/06/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/06/98	TAW	108-20-3	
Ethyl tert-butyl ether	ND	ug/kg	5	07/06/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/06/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/06/98	TAW	75-65-0	
Dibromofluoromethane (S)	96	%		07/06/98	TAW	1868-53-7	
Toluene-d8 (S)	104	%		07/06/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	96	%		07/06/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%		07/06/98	TAW	17060-07-0	

Pace Project Number: 10H151
Client Project ID: WH0021-06

Pace Sample No: 10701951 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTH61-2-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC - Semi VOA							
PCB's in Soil, Low Level		Method: EPA 8080			Prep Method: EPA 3550		
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.03	07/05/98	SJW	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.03	07/05/98	SJW	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.03	07/05/98	SJW	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.03	07/05/98	SJW	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.03	07/05/98	SJW	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.03	07/05/98	SJW	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.03	07/05/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	94	%		07/05/98	SJW	877-09-8	
Decachlorobiphenyl (S)	77	%		07/05/98	SJW	2051-24-3	
Date Extracted				07/01/98			
GC/MS VOA							
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/06/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/06/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/06/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/06/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/06/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/06/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/06/98	TAW	75-09-2	
1,1 Dichloroethene	ND	ug/kg	5	07/06/98	TAW	75-35-4	
trans 1,2 Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-60-5	
1,1 Dichloroethane	ND	ug/kg	5	07/06/98	TAW	75-34-3	
2,2 Dichloropropane	ND	ug/kg	5	07/06/98	TAW	594-20-7	
cis 1,2 Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/06/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/06/98	TAW	74-97-5	
1,1,1 Trichloroethane	ND	ug/kg	5	07/06/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/06/98	TAW	56-23-5	
1,1 Dichloropropene	ND	ug/kg	5	07/06/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/06/98	TAW	71-43-2	
1,2 Dichloroethane	ND	ug/kg	5	07/06/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/06/98	TAW	79-01-6	
1,2 Dichloropropane	ND	ug/kg	5	07/06/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/06/98	TAW	75-27-4	

Pace Project Number: 10815J
Client Project ID: 980621-06

Lab Sample No: 10701951 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TVB63-2) Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/06/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/06/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/06/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/06/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/06/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/06/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/06/98	TAW	7216-40-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/06/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/06/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/06/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/06/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/06/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/06/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/06/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	95-63-6	
Sec-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	135-98-8	
Tert-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/06/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/06/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/06/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/06/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	87-61-6	
trans 1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-02-6	
cis 1,3 Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/06/98	TAW	110-75-8	
Acetone	7.7	ug/kg	20	07/06/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/06/98	TAW	78-93-3	

Pace Project Number: 108153
Client Project ID: 980623-06

Pace Sample No: 10701951 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTH64-2-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/06/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/06/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/06/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/06/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/06/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/06/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/06/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/06/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/06/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/06/98	TAW	75-65-0	
Dibromofluoromethane (S)	92	%		07/06/98	TAW	1868-53-7	
Toluene-d8 (S)	98	%		07/06/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	98	%		07/06/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%		07/06/98	TAW	17060-07-0	

Pace Project Number: 108153
Client Project ID: 980623 06

Lab Sample No: 10701969 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB63-2-3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC - Semi-VOA							
PCBs in Soil, Low Level		Method: EPA 8080			Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/05/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/05/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/05/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/05/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/05/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/05/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/05/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	90	%		07/05/98	SJW	877-09-8	
Decachlorobiphenyl (S)	87	%		07/05/98	SJW	2051-24-3	
Date Extracted				07/01/98			
GC/MS VOA							
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/06/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/06/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/06/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/06/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/06/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/06/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/06/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	594-20-7	
cis 1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/06/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/06/98	TAW	74-97-5	
1,1,1 Trichloroethane	ND	ug/kg	5	07/06/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/06/98	TAW	56-23-5	
1,1 Dichloropropene	ND	ug/kg	5	07/06/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/06/98	TAW	71-43-2	
1,2 Dichloroethane	ND	ug/kg	5	07/06/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/06/98	TAW	79-01-6	
1,2 Dichloropropane	ND	ug/kg	5	07/06/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/06/98	TAW	75-27-4	

Pace Project Number: 108153
Client Project ID: 980623-06

Pace Sample No: 10701969 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB63-2-3 Date Received: 06/24/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/06/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/06/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	79 00 5	
Tetrachloroethene	ND	ug/kg	5	07/06/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	142 28 9	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	124 48 1	
1,2-Dibromoethane	ND	ug/kg	5	07/06/98	TAW	106 93 4	
Chlorobenzene	ND	ug/kg	5	07/06/98	TAW	108 90 7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/06/98	TAW	100 41-4	
M&P-Xylene	ND	ug/kg	5	07/06/98	TAW	7816 60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/06/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/06/98	TAW	100-42 5	
Bromoform	ND	ug/kg	5	07/06/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/06/98	TAW	98-82 8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	79-34 5	
Bromobenzene	ND	ug/kg	5	07/06/98	TAW	108 86 1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/06/98	TAW	96-18 4	
n-Propylbenzene	ND	ug/kg	5	07/06/98	TAW	103 65 1	
2-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	95 49 8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	108 67 8	
4-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	106 43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	95 63 6	
Sec-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	135 98-8	
Tert-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	98 06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/06/98	TAW	99 87 6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	541 73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	106 46 7	
n-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	104-51 8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	95 50 1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/06/98	TAW	96 12 8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	120 82 1	
Hexachlorobutadiene	ND	ug/kg	5	07/06/98	TAW	87-68 3	
Naphthalene	ND	ug/kg	5	07/06/98	TAW	91 20 3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	87-61 6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061 02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061 01 5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/06/98	TAW	110-75-8	
Acetone	7.3	ug/kg	20	07/06/98	TAW	67-64-1	1,2,1
2-Butanone	ND	ug/kg	10	07/06/98	TAW	78-93-3	

Pace Project Number: 108153
Client Project ID: 980623 06

Pace Sample No: 10701069 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTB63-2-3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2 Pentanone	ND	ug/kg	10	07/06/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/06/98	TAW	75-15-0	
2 Hexanone	ND	ug/kg	100	07/06/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/06/98	TAW	108-05-4	
Methyl tert butyl Ether	ND	ug/kg	5	07/06/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/06/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/06/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/06/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/06/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/06/98	TAW	75-65-0	
Dibromofluoromethane (S)	92	%		07/06/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/06/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	98	%		07/06/98	TAW	460-00-4	
1,2 Dichloroethane-d4 (S)	106	%		07/06/98	TAW	17060-07-0	

Pace Project Number: 108153
Client Project ID: 980623-06

Pace Sample No: 10701977 Date Collected: 06/23/98 Matrix: Soil
Client Sample ID: TTB63-3-5 Date Received: 06/24/98

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
GC - Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.01	07/04/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.01	07/04/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.01	07/04/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.01	07/04/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.01	07/04/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.01	07/04/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.01	07/04/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	97	%		07/04/98	SJW	877-09-8	
Decachlorobiphenyl (S)	87	%		07/04/98	SJW	2051-24-3	
Date Extracted				07/01/98			
GC/MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 8260	
Dichlorodifluoromethane	ND	ug/kg	5	07/06/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/06/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/06/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/06/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/06/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/06/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/06/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/06/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/06/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/06/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/06/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/06/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/06/98	TAW	75-27-4	

Pace Sample No: 10701777 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TP361-2-5 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/06/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/06/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/06/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/06/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/06/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/06/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/06/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/06/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/06/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/06/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/06/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/06/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/06/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/06/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	95-63-6	
tert-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	135-98-8	
sec-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/06/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	9	07/06/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/06/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/06/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	87-61-6	
trans 1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-02-6	
cis 1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/06/98	TAW	110-75-8	
Acetone	7.7	ug/kg	20	07/06/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/06/98	TAW	78-93-3	

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Pace Project Number: 108151
Client Project ID: 980624-06

Sample No:	10701977	Date Collected:	06/22/98
Client Sample ID:	TB61-2-5	Date Received:	06/24/98
		Matrix:	Soil

Parameters	Results	Units	PQL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/06/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/06/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/06/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/06/98	TAW	108-05-4	
Methyl-tert-Butyl Ether	ND	ug/kg	5	07/06/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/06/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/06/98	TAW	108-20-1	
Ethyl-tert butyl ether	ND	ug/kg	5	07/06/98	TAW	637-92-1	
tert-Amylmethyl ether	ND	ug/kg	5	07/06/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/06/98	TAW	75-65-0	
Dibromofluoromethane (S)	92	%		07/06/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/06/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	98	%		07/06/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%		07/06/98	TAW	17060-07-0	

Pace Project Number: 10815
Client Project ID: 980621-06

P o Sample No: 10701985 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTDA1-1-1 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi VOA							
Semivolatile Organics		Method: EPA 8270				Prep Method: EPA 3550	
Phenol	ND	ug/kg	330	07/08/98	SAC	108-95-2	4
Bis(2 Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
2 Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
2,4 Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
bis(2 Chloroethoxy)Methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
2,4 Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
1,2,4 Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-1	
4 Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
4 Chloro 3 methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
2 Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
2,6 Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
2,4 Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

Pace Project Number: 108163
Client Project ID: 980623-06

Pace Sample No: 1079198
Client Sample ID: TTM61-1-1

Date Collected: 06/22/98
Date Received: 06/24/98
Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS #	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
4-Chlorophenyl phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
4-Bromophenyl phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
Phenanthrene	70	ug/kg	330	07/08/98	SAC	85-01-8	2
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/08/98	SAC	84-74-2	
Fluoranthene	93	ug/kg	330	07/08/98	SAC	206-44-0	2
Pyrene	280	ug/kg	330	07/08/98	SAC	129-00-0	2
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
Benzo(a)anthracene	75	ug/kg	330	07/08/98	SAC	56-55-3	2
Chrysene	91	ug/kg	330	07/08/98	SAC	218-01-9	2
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/08/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	86	%		07/08/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	91	%		07/08/98	SAC	321-60-8	
Terphenyl-d14 (S)	200	%		07/08/98	SAC	1718-51-0	5
Phenol-d6 (S)	73	%		07/08/98	SAC	13127-88-3	
2-Fluorophenol (S)	66	%		07/08/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	92	%		07/08/98	SAC	118-79-6	
Date Extracted				07/02/98			

Pace Project Number: 108153
Client Project ID: 980623-06

Pace Sample No: 10701791 Pace Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTBM1-1-3 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/07/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/07/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/07/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/07/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/07/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/07/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/07/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/07/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/07/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/07/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/07/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/07/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/07/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/07/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/07/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/07/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/07/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/07/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/07/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/07/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/07/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/07/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/07/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/07/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/07/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/07/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/07/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/07/98	SAC	51-28-5	

Pace Project Number: 108153
Client Project ID: 980623-06

T...e Sample No: 10701991 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TTH61-1-1 Date Received: 06/24/98

...ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/07/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/07/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/07/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/07/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/07/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/07/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/07/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/07/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/07/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/07/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/07/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/07/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/07/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/07/98	SAC	85 68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/07/98	SAC	91-94 1	
Benzo(a)anthracene	ND	ug/kg	330	07/07/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/07/98	SAC	218 01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/07/98	SAC	117 81 7	
Di-n-octylphthalate	ND	ug/kg	330	07/07/98	SAC	117 84 0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/07/98	SAC	205 99 2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/07/98	SAC	207 08 9	
Benzo(a)pyrene	ND	ug/kg	330	07/07/98	SAC	50 32 8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/07/98	SAC	193 39-5	
Dibenz(a,h)Anthracene	ND	ug/kg	330	07/07/98	SAC	53 70 3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/07/98	SAC	191 24 2	
Nitrobenzene d5 (S)	81	%		07/07/98	SAC	4165 60 0	
2 Fluorobiphenyl (S)	89	%		07/07/98	SAC	321 60 8	
Terphenyl d14 (S)	119	%		07/07/98	SAC	1718 51 0	
Phenol d6 (S)	63	%		07/07/98	SAC	13127 88 3	
2-Fluorophenol (S)	59	%		07/07/98	SAC	367 12 4	
2,4,6 Tribromophenol (S)	81	%		07/07/98	SAC	118-79 6	
Date Extracted				07/02/98			

Pace Project Number: 10815J
Client Project ID: 980621-06

P. e Sample No: 10702009 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TP1B4-1-5 Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics		Method: EPA 8270			Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/07/98	SAC	108 95 2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/07/98	SAC	111 44 4	
2-Chlorophenol	ND	ug/kg	330	07/07/98	SAC	95 57 8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	106 46 7	
Benzyl Alcohol	ND	ug/kg	660	07/07/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	95 50 1	
2-Methylphenol	ND	ug/kg	330	07/07/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/07/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/07/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/07/98	SAC	621 64 7	
Hexachloroethane	ND	ug/kg	330	07/07/98	SAC	67 72 1	
Nitrobenzene	ND	ug/kg	330	07/07/98	SAC	98-95 3	
Isophorone	ND	ug/kg	330	07/07/98	SAC	78-59 1	
2-Nitrophenol	ND	ug/kg	330	07/07/98	SAC	88 75 5	
2,4-Dimethylphenol	ND	ug/kg	330	07/07/98	SAC	105-67 9	
Benzoic Acid	ND	ug/kg	1600	07/07/98	SAC	65 85 0	
bis(2-Chloroethoxy)Methane	ND	ug/kg	330	07/07/98	SAC	111-91 1	
2,4-Dichlorophenol	ND	ug/kg	330	07/07/98	SAC	120-83 2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/07/98	SAC	120 82 1	
Naphthalene	ND	ug/kg	330	07/07/98	SAC	91-20 3	
4-Chloroaniline	ND	ug/kg	660	07/07/98	SAC	106 47 8	
Hexachlorobutadiene	ND	ug/kg	330	07/07/98	SAC	87-68-3	
4-Chloro 3 methylphenol	ND	ug/kg	660	07/07/98	SAC	59-50-7	
2 Methylnaphthalene	ND	ug/kg	330	07/07/98	SAC	91 57 6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/07/98	SAC	77 47 4	
2,4,6 Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	88-06-2	
2,4,5 Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	95-95-4	
2 Chloronaphthalene	ND	ug/kg	330	07/07/98	SAC	91-58-7	
2 Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/07/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/07/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/07/98	SAC	83-32 9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/07/98	SAC	51-28 5	

Pace Project Number: 108163
Client Project ID: 980621-06

Pace Sample No: 10702009 Date Collected: 06/22/98 Matrix: Soil
Client Sample ID: TP361-1 S Date Received: 06/24/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/07/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/07/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/07/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/07/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	100-01-6	
4,6-Dinitro 2-methylphenol	ND	ug/kg	1600	07/07/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/07/98	SAC	86-30-6	
4-Bromophenyl phenylether	ND	ug/kg	330	07/07/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/07/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/07/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/07/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/07/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/07/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/07/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/07/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/07/98	SAC	85-68-7	
3,3' Dichlorobenzidine	ND	ug/kg	660	07/07/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/07/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/07/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/07/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/07/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/07/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/07/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/07/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/07/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/07/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/07/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	82	%		07/07/98	SAC	4165-60-0	
2 Fluorobiphenyl (S)	98	%		07/07/98	SAC	321-60-8	
Terphenyl d14 (S)	132	%		07/07/98	SAC	1718-51-0	
Phenol d6 (S)	72	%		07/07/98	SAC	13127-88-3	
2 Fluorophenol (S)	60	%		07/07/98	SAC	367-12-4	
2,4,6 Tribromophenol (S)	49	%		07/07/98	SAC	118-79-6	
Date Extracted				07/02/98			

AMETEK FOOTNOTES

ND Not Detected
NC Not Calculable
PQL Pace Reporting Limit
S Surrogate
B Common laboratory contaminant.
J Detected but below the PRL; therefore, result is an estimated concentration (CLP J Flag).
B Analyte is found in the associated blank as well as in the sample (CLP B Flag).

S The surrogate recovery was outside QC acceptance limits due to matrix interference.
E Compound concentration exceeds the calibration range of the instrument (CLP E Flag).

e Analytical Long Beach SC
) 0 Gilman Street
Long Beach, CA 90813

Pace Project Number: 108151
Client Project ID: 980621-06

...n: Mr. Richard Villafania
Phone: (562)490-9511

Batch ID: 13961
...lysis Method: EPA 8080
Associated Pace Samples:

QC Batch Method: EPA 3550
Analysis Description: PCB's in Soil, Low Level
10701704 10701712 10701720 10701829 10701837
10701845 10701951 10701969 10701977

METHOD BLANK: 10711117
Associated Pace Samples:
10701704 10701712 10701720 10701829 10701837 10701845 10701951
10701969 10701977

Parameter	Units	Method Blank Result	PQL	Footnotes
...1016 (Aroclor 1016)	mg/kg	ND	0.03	
...1221 (Aroclor 1221)	mg/kg	ND	0.03	
...1232 (Aroclor 1232)	mg/kg	ND	0.03	
PCB-1242 (Aroclor 1242)	mg/kg	ND	0.03	
...1248 (Aroclor 1248)	mg/kg	ND	0.03	
...1254 (Aroclor 1254)	mg/kg	ND	0.03	
...1260 (Aroclor 1260)	mg/kg	ND	0.03	
...rachloro-meta Xylene (S)	%	89		
Decachlorobiphenyl (S)	%	84		

...ORATORY CONTROL SAMPLE & LCSD: 10711125 10711133

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
...1016 (Aroclor 1016)	mg/kg	0.33	0.2956	88.6	0.3065	91.9	4	
...1260 (Aroclor 1260)	mg/kg	0.33	0.2904	89.8	0.3143	94.3	5	
...achloro-meta-xylene (S)				86		90		
...achlorobiphenyl (S)				82		90		

Pace Analytical

QUALITY CONTROL DATA

DATE: 07/16/98
PAGE: 01

Pace Analytical Long Beach QC
3...0 Gilman Street
Long Beach, CA 90815

Pace Project Number: 108153
Client Project ID: 980623-06

A..n: Mr. Richard Villatoria
Phone: (562)498-9515

QC Batch ID: 13962
Analysis Method: EPA 8270
Associated Pace Samples: 10701738 10701746 10701753 10701795 10701803

QC Batch Method: EPA 1650
Analyte Description: Semivolatile Organics

METHOD BLANK: 10711141
Associated Pace Samples:

Parameter	Units	10701738 10701746 10701753 10701795 10701803 Method Blank Result	PRL	Footnotes
Phenol	ug/kg	ND	330	
bis(2-Chloroethyl)ether	ug/kg	ND	330	
2-Chlorophenol	ug/kg	ND	330	
1,3-Dichlorobenzene	ug/kg	ND	330	
1,4-Dichlorobenzene	ug/kg	ND	330	
Benzyl Alcohol	ug/kg	ND	660	
1,2-Dichlorobenzene	ug/kg	ND	330	
2-Methylphenol	ug/kg	ND	330	
bis(2-Chloroisopropyl)ether	ug/kg	ND	330	
4-Methylphenol	ug/kg	ND	330	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	
Hexachloroethane	ug/kg	ND	330	
Nitrobenzene	ug/kg	ND	330	
Isophorone	ug/kg	ND	330	
2-Nitrophenol	ug/kg	ND	330	
2,4-Dimethylphenol	ug/kg	ND	330	
Benzoic Acid	ug/kg	ND	1600	
bis(2-Chloroethoxy)Methane	ug/kg	ND	330	
2,4-Dichlorophenol	ug/kg	ND	330	
1,2,4-Trichlorobenzene	ug/kg	ND	330	
Naphthalene	ug/kg	ND	330	
4-Chloroaniline	ug/kg	ND	660	
Hexachlorobutadiene	ug/kg	ND	330	
4-Chloro-3-methylphenol	ug/kg	ND	660	
2-Methylnaphthalene	ug/kg	ND	330	

METHOD BLANK: 10711141
Associated Pace Samples:

10701738 10701746 10701753 10701795 10701803

Parameter	Units	Method Blank Result	PRL	Footnotes
Hexachlorocyclopentadiene	ug/kg	ND	330	
2,4,6 Trichlorophenol	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2-Chloronaphthalene	ug/kg	ND	330	
2-Nitroaniline	ug/kg	ND	1600	
Dimethylphthalate	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
3-Nitroaniline	ug/kg	ND	1600	
Acenaphthene	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1600	
4-Nitrophenol	ug/kg	ND	1600	
Dibenzofuran	ug/kg	ND	330	
2,4-Dinitrotoluene	ug/kg	ND	330	
Diethylphthalate	ug/kg	ND	330	
4-Chlorophenyl-phenylether	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
4-Nitroaniline	ug/kg	ND	1600	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1600	
N-Nitrosodiphenylamine	ug/kg	ND	330	
4-Bromophenyl-phenylether	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1600	
Phenanthrene	ug/kg	ND	330	
Anthracene	ug/kg	ND	330	
Di-n-butylphthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	
Butylbenzylphthalate	ug/kg	ND	330	
3,3'-Dichlorobenzidine	ug/kg	ND	660	
Benzo(a)anthracene	ug/kg	ND	330	
Chrysene	ug/kg	ND	330	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	
Di-n-octylphthalate	ug/kg	ND	330	
Benzo(b)fluoranthene	ug/kg	ND	330	
Benzo(k)fluoranthene	ug/kg	ND	330	
Benzo(a)pyrene	ug/kg	ND	330	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	

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Pace Project Number: 108151
Client Project ID: 980621-06

METHOD BLANK: 10711141
Associated Pace Samples:

10701738 10701746 10701754 10701770 10701804

Parameter	Units	Method Blank Result	PQL	Footnotes
Benz(a)Anthracene	ug/kg	ND	330	
Benzo(g,h,i)perylene	ug/kg	ND	330	
Nitrobenzene d5 (S)	%	80		
2-Fluorobiphenyl (S)	%	83		
Terphenyl-d14 (S)	%	82		
Phenol d6 (S)	%	76		
2-Fluorophenol (S)	%	66		
2,4,6 Tribromophenol (S)	%	84		

LABORATORY CONTROL SAMPLE & LCSD: 10711158 10711166

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Phenol	ug/kg	1667	1217	73.0	1220	73.2	0	
2-Chlorophenol	ug/kg	1667	1383	83.0	1413	84.8	2	
1,2-Dichlorobenzene	ug/kg	1667	1263	75.8	1313	78.8	4	
N-Nitroso-di-n-propylamine	ug/kg	1667	1367	82.0	1300	78.0	5	
1,2,4-Trichlorobenzene	ug/kg	1667	1080	64.8	1080	64.8	0	
4-Chloro-3-Methylphenol	ug/kg	1667	1183	71.0	1163	69.8	2	
Acenaphthene	ug/kg	1667	1320	79.2	1300	78.0	2	
4-Nitrophenol	ug/kg	1667	666.7	40.0	733.3	44.0	10	1,1
2,4-Dinitrotoluene	ug/kg	1667	1293	77.6	1287	77.2	1	
Pentachlorophenol	ug/kg	1667	630.0	37.8	660.0	39.6	5	1,1
Pyrene	ug/kg	1667	1183	71.0	1243	74.6	5	
Nitrobenzene-d5 (S)				80		82		
2-Fluorobiphenyl (S)				89		86		
Terphenyl-d14 (S)				77		83		

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ong Beach, CA 90815

Pace Project Number: 108153
Client Project ID: 980623-06

tn: Mr. Richard Villafania
Phone: (562)498-9515

Batch ID: 14014 QC Batch Method: EPA 3550
lysis Method: EPA 8270 Analysis Description: Semivolatile Organics
sociated Pace Samples: 10701811 10701852 10701860 10701878 10701886
10701894 10701902 10701910 10701985 10701993
10702009

METHOD BLANK: 10714384
sociated Pace Samples:
10701811 10701852 10701860 10701878 10701886 10701894 10701902
10701910 10701985 10701993 10702009

Parameter	Units	Method Blank Result	PRL	Footnotes
nol	ug/kg	ND	330	
(2-Chloroethyl)ether	ug/kg	ND	330	
-Chlorophenol	ug/kg	ND	330	
-Dichlorobenzene	ug/kg	ND	330	
-Dichlorobenzene	ug/kg	ND	330	
iyl Alcohol	ug/kg	ND	660	
-Dichlorobenzene	ug/kg	ND	330	
-Methylphenol	ug/kg	ND	330	
(2-Chloroisopropyl)ether	ug/kg	ND	330	
ethylphenol	ug/kg	ND	330	
-Nitroso-di-n-propylamine	ug/kg	ND	330	
achloroethane	ug/kg	ND	330	
robenzene	ug/kg	ND	330	
-phorone	ug/kg	ND	330	
trophenol	ug/kg	ND	330	
-Dimethylphenol	ug/kg	ND	330	
nzoic Acid	ug/kg	ND	1600	
(2-Chloroethoxy)methane	ug/kg	ND	330	
-Dichlorophenol	ug/kg	ND	330	
4-Trichlorobenzene	ug/kg	ND	330	
phthalene	ug/kg	ND	330	
-Chloroaniline	ug/kg	ND	660	

QUALITY CONTROL DATA

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Pace Project Number: 10811
Client Project ID: 980621-06

METHOD BLANK: 10714384
Associated Pace Samples:

10701811 10701852 10701860 10701878 10701886 10701894 10701902
10701910 10701985 10701993 10702009

Parameter	Units	Method Blank Result	PRL	Footnotes
Benzo(b)fluoranthene	ug/kg	ND	330	
Benzo(k)fluoranthene	ug/kg	ND	330	
Benzo(a)pyrene	ug/kg	ND	330	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	
Dibenz(a,h)anthracene	ug/kg	ND	330	
Benzo(g,h,i)perylene	ug/kg	ND	330	
Nitrobenzene-d5 (S)	%	92		
2-Fluorobiphenyl (S)	%	95		
Terphenyl-d14 (S)	%	109		
Phenol-d6 (S)	%	83		
2-Fluorophenol (S)	%	71		
2,4,6-Tribromophenol (S)	%	88		

LABORATORY CONTROL SAMPLE & LCSD: 10714392 10714400

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Phenol	ug/kg	1667	1027	61.6	1180	70.8	14	
2-Chlorophenol	ug/kg	1667	1183	71.0	1297	77.8	9	
1,4-Dichlorobenzene	ug/kg	1667	1240	74.4	1260	75.6	2	
N-Nitroso-di-n-propylamine	ug/kg	1667	1143	68.6	1260	75.6	11	
1,2,4-Trichlorobenzene	ug/kg	1667	1037	62.2	1107	66.4	7	
4-Chloro-3-methylphenol	ug/kg	1667	1010	61.8	1177	70.4	13	
Acenaphthene	ug/kg	1667	1297	77.8	1380	82.8	6	
4-Nitrophenol	ug/kg	1667	526.7	31.6	646.7	38.8	20	L1
2,4-Dinitrotoluene	ug/kg	1667	1187	71.2	1310	78.6	10	
Pentachlorophenol	ug/kg	1667	646.7	38.8	696.7	41.8	7	L1
Pyrene	ug/kg	1667	1180	70.8	1167	70.0	1	
Nitrobenzene-d5 (S)				84		94		
2-Fluorobiphenyl (S)				91		97		
Terphenyl-d14 (S)				46		46		

...w Analytical Long Beach SC
3...0 Gilman Street
Long Beach, CA 90815

Pace Project Number: 108154
Client Project ID: 980623-05

A...n: Mr. Richard Villafania
Phone: (562)498-9515

(Batch ID: 14151 QC Batch Method: EPA 8260
A...lysis Method: EPA 8260 Analysis Description: GC/MS VOCs by 8260
Associated Pace Samples: 10701670 10701688 10701696 10701704

METHOD BLANK: 10720175
Associated Pace Samples:

Parameter	Units	10701670	10701688 Method Blank Result	10701696 PRL	10701704 Footnotes
Dichlorodifluoromethane	ug/kg		ND	5	
...oromethane	ug/kg		ND	5	
...yl Chloride	ug/kg		ND	5	
...omomethane	ug/kg		ND	5	
...oroethane	ug/kg		ND	5	
Trichlorofluoromethane	ug/kg		ND	5	
...thylene Chloride	ug/kg		2.6	5	1,2
...Dichloroethene	ug/kg		ND	5	
m-1,2-Dichloroethene	ug/kg		ND	5	
1,1-Dichloroethane	ug/kg		ND	5	
2,2-Dichloropropane	ug/kg		ND	5	
c-1,2 Dichloroethene	ug/kg		ND	5	
...roform	ug/kg		ND	5	
...omochloromethane	ug/kg		ND	5	
1,1,1 Trichloroethane	ug/kg		ND	5	
Carbon Tetrachloride	ug/kg		ND	5	
...Dichloropropene	ug/kg		ND	5	
...zene	ug/kg		ND	5	
...-Dichloroethane	ug/kg		ND	5	
Trichloroethene	ug/kg		ND	5	
1,2-Dichloropropane	ug/kg		ND	5	
...bromochloromethane	ug/kg		ND	5	
...romomethane	ug/kg		ND	5	
...uene	ug/kg		ND	5	
1,1,2-Trichloroethane	ug/kg		ND	5	

METHOD BLANK: 10720175
Associated Pace Samples:

Parameter	Units	10701670 Method Blank Result	10701688 PRL	10701696	10701704 Footnotes
Tetrachloroethene	ug/kg	ND	5		
1,2-Dichloropropane	ug/kg	ND	5		
Bromochloromethane	ug/kg	ND	5		
1,2-Dibromoethane	ug/kg	ND	5		
Chlorobenzene	ug/kg	ND	5		
1,1,1,2-Tetrachloroethane	ug/kg	ND	5		
Ethylbenzene	ug/kg	ND	5		
m&p-Xylene	ug/kg	ND	5		
o-Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5		
Styrene	ug/kg	ND	5		
Bromoform	ug/kg	ND	5		
Isopropylbenzene (Cumene)	ug/kg	ND	5		
1,1,2,2-Tetrachloroethane	ug/kg	ND	5		
Bromobenzene	ug/kg	ND	5		
1,2,3-Trichloropropane	ug/kg	ND	5		
n-Propylbenzene	ug/kg	ND	5		
2-Chlorotoluene	ug/kg	ND	5		
1,3,5-Trimethylbenzene	ug/kg	ND	5		
4-Chlorotoluene	ug/kg	ND	5		
1,2,4-Trimethylbenzene	ug/kg	ND	5		
n-Butylbenzene	ug/kg	ND	5		
sec-Butylbenzene	ug/kg	ND	5		
p-Isopropyltoluene	ug/kg	ND	5		
1,3-Dichlorobenzene	ug/kg	ND	5		
1,4-Dichlorobenzene	ug/kg	ND	5		
n-Butylbenzene	ug/kg	ND	5		
1,2-Dichlorobenzene	ug/kg	ND	5		
1,2-Dibromo-3-Chloropropane	ug/kg	ND	5		
1,2,4-Trichlorobenzene	ug/kg	ND	5		
Hexachlorobutadiene	ug/kg	ND	5		
Naphthalene	ug/kg	ND	5		
1,2,3-Trichlorobenzene	ug/kg	ND	5		
trans-1,3-Dichloropropene	ug/kg	ND	5		
cis-1,3-Dichloropropene	ug/kg	ND	5		
2-Chloroethyl Vinyl Ether	ug/kg	ND	5		
Acetone	ug/kg	4.7	20		1,2
Benzene	ug/kg	ND	10		
4-Methyl-2-Pentanone	ug/kg	ND	10		

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Pace Project Number: 108153
Client Project ID: 980623-06

METHOD BLANK: 10720175
Associated Pace Samples:

10701670 10701688 10701696 10701704

Parameter	Units	Method Blank Result	PQL	Footnotes
Carbon Disulfide	ug/kg	ND	10	
2-Hexanone	ug/kg	ND	100	
Vinyl Acetate	ug/kg	ND	100	
Methyl-tert-butyl Ether	ug/kg	ND	5	
Ethanol	ug/kg	ND	500	
Isopropyl Ether	ug/kg	ND	5	
Ethyl-tert-butyl ether	ug/kg	ND	5	
tert-Amylmethyl ether	ug/kg	ND	5	
2-Methyl-2-propanol	ug/kg	ND	100	
Bromofluoromethane (S)	%	96		
Toluene-d8 (S)	%	104		
4-Bromofluorobenzene (S)	%	96		
1,2-Dichloroethane-d4 (S)	%	102		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10720191 10720209

Parameter	Units	10702421	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Dichlorodifluoromethane	ug/kg	0	50	81.00	162	80.00	160	1	
Chloromethane	ug/kg	0	50	44.00	88.0	41.00	82.0	7	
Vinyl Chloride	ug/kg	0	50	54.00	108	57.00	114	5	
Bromomethane	ug/kg	0	50	44.00	88.0	48.00	96.0	9	
Chloroethane	ug/kg	0	50	57.00	114	59.00	118	3	
Trichlorofluoromethane	ug/kg	0	50	55.00	110	55.00	110	0	
Methylene Chloride	ug/kg	3.000	50	48.00	92.0	47.00	90.0	2	
1,1-Dichloroethene	ug/kg	0	50	52.00	104	51.00	102	2	
trans-1,2-Dichloroethene	ug/kg	0	50	50.00	100	49.00	98.0	2	
1,1-Dichloroethane	ug/kg	0	50	53.00	106	52.00	104	2	
2,2-Dichloropropane	ug/kg	0	50	43.00	86.0	42.00	84.0	2	
cis-1,2-Dichloroethene	ug/kg	0	50	47.00	94.0	46.00	92.0	2	
Chloroform	ug/kg	0	50	48.00	96.0	47.00	94.0	2	
Bromochloromethane	ug/kg	0	50	48.00	96.0	48.00	96.0	0	
1,1,1-Trichloroethane	ug/kg	0	50	46.00	92.0	46.00	92.0	0	
Carbon Tetrachloride	ug/kg	0	50	44.00	88.0	44.00	88.0	0	
1,2-Dichloropropane	ug/kg	0	50	51.00	102	50.00	100	2	
Benzene	ug/kg	0	50	53.00	106	52.00	104	2	
1,2-Dichloroethane	ug/kg	0	50	48.00	96.0	48.00	96.0	0	

QUALITY CONTROL DATA

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Pace Project Number: 10015\
Client Project ID: 9806Z\ 06

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10720191 10720709

Parameter	Units	10720243	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Chloromethane	ug/kg	0	50	49.00	98.0	50.00	100	2	
1,2-Dichloropropane	ug/kg	0	50	50.00	100	49.00	98.0	2	
Bromodichloromethane	ug/kg	0	50	47.00	94.0	46.00	92.0	2	
Bromomethane	ug/kg	0	50	45.00	90.0	44.00	88.0	2	
Vinyl	ug/kg	0	50	48.00	96.0	46.00	92.0	4	
1,1,2-Trichloroethane	ug/kg	0	50	49.00	98.0	48.00	96.0	2	
Tetrachloroethene	ug/kg	0	50	44.00	88.0	43.00	86.0	2	
1,3-Dichloropropane	ug/kg	0	50	45.00	90.0	44.00	88.0	2	
Dibromochloromethane	ug/kg	0	50	42.00	84.0	42.00	84.0	0	
1,2-Dibromoethane	ug/kg	0	50	44.00	88.0	43.00	86.0	2	
Chlorobenzene	ug/kg	0	50	41.00	82.0	41.00	82.0	5	
1,1,1,2-Tetrachloroethane	ug/kg	0	50	46.00	92.0	45.00	90.0	2	
Ethylbenzene	ug/kg	0	50	46.00	92.0	45.00	90.0	2	
m,p-Xylene	ug/kg	0	100	92.00	92.0	87.00	87.0	6	
o-Xylene (1,2-Dimethylbenzene)	ug/kg	0	50	44.00	88.0	43.00	86.0	2	
Styrene	ug/kg	0	50	42.00	84.0	40.00	80.0	5	
Bromoform	ug/kg	0	50	44.00	88.0	42.00	84.0	5	
Isopropylbenzene (Cumene)	ug/kg	0	50	44.00	88.0	42.00	84.0	5	
1,1,2,2-Tetrachloroethane	ug/kg	0	50	40.00	80.0	37.00	74.0	8	
Bromobenzene	ug/kg	0	50	41.00	82.0	39.00	78.0	5	
1,2,3-Trichloropropane	ug/kg	0	50	43.00	86.0	42.00	84.0	2	
n-Propylbenzene	ug/kg	0	50	42.00	84.0	40.00	80.0	5	
2-Chlorotoluene	ug/kg	0	50	41.00	82.0	40.00	80.0	2	
1,3,5-Trimethylbenzene	ug/kg	0	50	40.00	80.0	38.00	76.0	5	
4-Chlorotoluene	ug/kg	0	50	39.00	78.0	37.00	74.0	5	
1,2,4-Trimethylbenzene	ug/kg	0	50	39.00	78.0	37.00	74.0	5	
tert-Butylbenzene	ug/kg	0	50	38.00	76.0	36.00	72.0	5	
1,2-Dichlorobenzene	ug/kg	0	50	40.00	80.0	39.00	78.0	3	
4-Isopropyltoluene	ug/kg	0	50	39.00	78.0	37.00	74.0	5	
1,3 Dichlorobenzene	ug/kg	0	50	38.00	76.0	36.00	72.0	5	
1,4 Dichlorobenzene	ug/kg	0	50	38.00	76.0	35.00	70.0	8	
n-Butylbenzene	ug/kg	0	50	38.00	76.0	35.00	70.0	8	
1,2 Dichlorobenzene	ug/kg	0	50	39.00	78.0	36.00	72.0	8	
1,2 Dibromo-3-Chloropropane	ug/kg	0	50	40.00	80.0	38.00	76.0	5	
1,2,4 Trichlorobenzene	ug/kg	0	50	34.00	68.0	30.00	60.0	12	
Hexachlorobutadiene	ug/kg	0	50	34.00	68.0	30.00	60.0	12	
Naphthalene	ug/kg	0	50	35.00	70.0	32.00	64.0	9	
1,2,3-Trichlorobenzene	ug/kg	0	50	35.00	70.0	31.00	62.0	12	
trans-1,3 Dichloropropene	ug/kg	0	50	42.00	84.0	41.00	82.0	2	
cis-1,3-Dichloropropene	ug/kg	0	50	44.00	88.0	43.00	86.0	2	
Dibromofluoromethane (S)					92		94		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10720191 10720209

Parameter	Units	10702421	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Toluene-d8 (S)					96		98		
4-Bromofluorobenzene (S)					94		96		
1,2-Dichloroethane-d4 (S)					98		96		

LABORATORY CONTROL SAMPLE: 10720183

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	50	91.00	182	
Chloromethane	ug/kg	50	47.00	94.0	
Vinyl Chloride	ug/kg	50	58.00	116	
Bromomethane	ug/kg	50	54.00	108	
Chloroethane	ug/kg	50	60.00	120	
Trichlorofluoromethane	ug/kg	50	59.00	118	
Methylene Chloride	ug/kg	50	48.00	96.0	
1,1 Dichloroethene	ug/kg	50	55.00	110	
trans 1,2-Dichloroethene	ug/kg	50	56.00	112	
1,1 Dichloroethane	ug/kg	50	55.00	110	
cis 1,2-Dichloroethene	ug/kg	50	51.00	102	
2,2 Dichloropropane	ug/kg	50	50.00	100	
Chloroform	ug/kg	50	50.00	100	
Bromochloromethane	ug/kg	50	49.00	98.0	
1,1,1 Trichloroethane	ug/kg	50	47.00	94.0	
Carbon Tetrachloride	ug/kg	50	56.00	112	
1,1 Dichloropropene	ug/kg	50	56.00	112	
Benzene	ug/kg	50	48.00	96.0	
1,2-Dichloroethane	ug/kg	50	51.00	102	
Trichloroethene	ug/kg	50	52.00	104	
1,2-Dichloropropane	ug/kg	50	48.00	96.0	
Dibromochloromethane	ug/kg	50	46.00	92.0	
Bromomethane	ug/kg	50	52.00	104	
Toluene	ug/kg	50	48.00	96.0	
1,1,2 Trichloroethane	ug/kg	50	51.00	102	
Tetrachloroethene	ug/kg	50	45.00	90.0	
1,3 Dichloropropane	ug/kg	50	43.00	86.0	
Dibromochloromethane	ug/kg	50	45.00	90.0	
1,2 Dibromoethane	ug/kg	50	50.00	100	
Chlorobenzene	ug/kg	50	49.00	98.0	
1,1,1,2 Tetrachloroethane	ug/kg	50	53.00	106	
Ethylbenzene	ug/kg	50			

ORATORY CONTROL SAMPLE: 10720183

ometer	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
-Xylene	ug/kg	100	100.0	100	
ylene (1,2-Dimethylbenzene)	ug/kg	50	50.00	100	
rene	ug/kg	50	50.00	100	
mform	ug/kg	50	44.00	88.0	
propylbenzene (Cumene)	ug/kg	50	51.00	102	
,2,2-Tetrachloroethane	ug/kg	50	43.00	86.0	
mobenzene	ug/kg	50	49.00	98.0	
,3-Trichloropropane	ug/kg	50	42.00	84.0	
propylbenzene	ug/kg	50	51.00	102	
hlorotoluene	ug/kg	50	49.00	98.0	
,5-Trimethylbenzene	ug/kg	50	49.00	98.0	
-Chlorotoluene	ug/kg	50	49.00	98.0	
,4-Trimethylbenzene	ug/kg	50	47.00	94.0	
-Butylbenzene	ug/kg	50	48.00	96.0	
c-Butylbenzene	ug/kg	50	48.00	96.0	
sopropyltoluene	ug/kg	50	49.00	98.0	
,4-Dichlorobenzene	ug/kg	50	50.00	100	
-Dichlorobenzene	ug/kg	50	50.00	100	
utylbenzene	ug/kg	50	51.00	102	
-Dichlorobenzene	ug/kg	50	49.00	98.0	
-Dibromo-3-Chloropropane	ug/kg	50	38.00	76.0	
,2,4-Trichlorobenzene	ug/kg	50	52.00	104	
achlorobutadiene	ug/kg	50	51.00	102	
thalene	ug/kg	50	46.00	92.0	
,3 Trichlorobenzene	ug/kg	50	51.00	102	
bn 1,3 Dichloropropene	ug/kg	50	47.00	94.0	
y 1,3 Dichloropropene	ug/kg	50	44.00	88.0	
romofluoromethane (S)				92	
uene d8 (S)				98	
romofluorobenzene (S)				94	
,2 Dichloroethane d4 (S)				92	

e Analytical Long Beach SC
.. 0 Gilman Street
long Beach, CA 90815

Pace Project Number: 108153
Client Project ID: 980623-06

Attn: Mr. Richard Villafania
Phone: (562)498-9515

Batch ID: 14189 QC Batch Method: EPA 8260
Analysis Method: EPA 8260 Analysis Description: GC/MS VOCs by 8260
Associated Pace Samples: 10701820 10701837 10701845 10701928 10701936
10701944 10701951 10701969 10701977

METHOD BLANK: 10721583
Associated Pace Samples:
10701829 10701837 10701845 10701928 10701936 10701944 10701951
10701969 10701977

Parameter	Units	Method Blank Result	PQL	Footnotes
Chlorodifluoromethane	ug/kg	ND	5	
Chloromethane	ug/kg	ND	5	
Vinyl Chloride	ug/kg	ND	5	
Bromomethane	ug/kg	ND	5	
Chloroethane	ug/kg	ND	5	
Trichlorofluoromethane	ug/kg	ND	5	
Methylene Chloride	ug/kg	ND	5	
1,1-Dichloroethene	ug/kg	ND	5	
trans-1,2-Dichloroethene	ug/kg	ND	5	
1,1-Dichloroethane	ug/kg	ND	5	
2,2-Dichloropropane	ug/kg	ND	5	
cis-1,2-Dichloroethene	ug/kg	ND	5	
Chloroform	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,1,1-Trichloroethane	ug/kg	ND	5	
Carbon Tetrachloride	ug/kg	ND	5	
1,1-Dichloropropene	ug/kg	ND	5	
Benzene	ug/kg	ND	5	
1,2-Dichloroethane	ug/kg	ND	5	
Trichloroethene	ug/kg	ND	5	
1,2-Dichloropropane	ug/kg	ND	5	
Dibromomethane	ug/kg	ND	5	

METHOD BLANK: 10721451
Associated Pace Samples:
10701829 10701837 10701845 10701928 10701936 10701944 10701951
10701969 10701977

Parameter	Units	Method Blank Result	PRL	Footnotes
Benzene	ug/kg	ND	5	
1,2-Trichloroethane	ug/kg	ND	5	
Tetrachloroethene	ug/kg	ND	5	
1,2-Dichloropropane	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
Dibromomethane	ug/kg	ND	5	
Chlorobenzene	ug/kg	ND	5	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5	
Ethylbenzene	ug/kg	ND	5	
m-Xylene	ug/kg	ND	5	
o-Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
Bromoform	ug/kg	ND	5	
Isopropylbenzene (Cumene)	ug/kg	ND	5	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
1,2,3 Trichloropropane	ug/kg	ND	5	
n-Propylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
1,3,5 Trimethylbenzene	ug/kg	ND	5	
4-Chlorotoluene	ug/kg	ND	5	
1,2,4 Trimethylbenzene	ug/kg	ND	5	
n-Butylbenzene	ug/kg	ND	5	
sec-Butylbenzene	ug/kg	ND	5	
p-Isopropyltoluene	ug/kg	ND	5	
1,3-Dichlorobenzene	ug/kg	ND	5	
1,4 Dichlorobenzene	ug/kg	ND	5	
tert-Butylbenzene	ug/kg	ND	5	
1,2-Dichlorobenzene	ug/kg	ND	5	
1,2-Dibromo-3-Chloropropane	ug/kg	ND	5	
1,2,4-Trichlorobenzene	ug/kg	ND	5	
Hexachlorobutadiene	ug/kg	ND	5	
Naphthalene	ug/kg	ND	5	
1,2,3 Trichlorobenzene	ug/kg	ND	5	
cis-1,3 Dichloropropene	ug/kg	ND	5	
trans-1,3 Dichloropropene	ug/kg	ND	5	
2-Chloroethyl Vinyl Ether	ug/kg	ND	5	

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Pace Project Number: 108153
Client Project ID: 980623-06

L.MOD BLANK: 10721571
ociated Pace Samples:
10701829 10701837 10701845 10701928 10701936 10701944 10701951
10701969 10701977

ameter	Units	Method Blank Result	PRL	Footnotes
cone	ug/kg	7.1	20	1,2
tanone	ug/kg	ND	10	
-Methyl-2-Pentanone	ug/kg	ND	10	
bon Disulfide	ug/kg	ND	10	
xanone	ug/kg	ND	100	
yl Acetate	ug/kg	ND	100	
yl-tert-butyl Ether	ug/kg	ND	5	
thanol	ug/kg	ND	500	
propyl Ether	ug/kg	ND	5	
yl-tert-butyl ether	ug/kg	ND	5	
e-Amylmethyl ether	ug/kg	ND	5	
thyl-2-propanol	ug/kg	ND	100	
ibromofluoromethane (S)	%	96		
ene-d8 (S)	%	100		
romofluorobenzene (S)	%	102		
-Dichloroethane-d4 (S)	%	106		

TRIX SPIKE & MATRIX SPIKE DUPLICATE: 10721579 10721587

Param	Units	10701829	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
chlorodifluoromethane	ug/kg	0	50	41.00	82.0	23.00	46.0	61	
romomethane	ug/kg	0	50	39.00	78.0	28.00	56.0	33	
yl Chloride	ug/kg	0	50	41.00	82.0	29.00	58.0	34	
oromethane	ug/kg	0	50	33.00	66.0	25.00	50.0	28	
chloromethane	ug/kg	0	50	44.00	88.0	31.00	62.0	35	
richlorofluoromethane	ug/kg	0	50	42.00	84.0	17.00	34.0	85	
ylene Chloride	ug/kg	0	50	43.00	86.0	28.00	56.0	42	
-Dichloroethene	ug/kg	0	50	41.00	82.0	24.00	48.0	52	
ns-1,2-Dichloroethene	ug/kg	0	50	41.00	82.0	24.00	48.0	52	
1-Dichloroethane	ug/kg	0	50	42.00	84.0	27.00	54.0	43	
-Dichloropropane	ug/kg	0	50	42.00	84.0	26.00	52.0	47	
-1,2 Dichloroethene	ug/kg	0	50	42.00	84.0	26.00	52.0	47	
oroform	ug/kg	0	50	42.00	84.0	26.00	52.0	47	
omochloromethane	ug/kg	0	50	42.00	84.0	25.00	50.0	51	
1,1-Trichloroethane	ug/kg	0	50	42.00	84.0	21.00	46.0	58	

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MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10721579 10721587

Parameter	Units	10701829	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Carbon Tetrachloride	ug/kg	0	50	41.00	82.0	20.00	40.0	69	
1,2-Dichloropropane	ug/kg	0	50	42.00	84.0	21.00	42.0	67	
Benzene	ug/kg	0	50	43.00	86.0	26.00	52.0	49	
1,2-Dichloroethane	ug/kg	0	50	45.00	90.0	27.00	54.0	50	
Trichloroethene	ug/kg	0	50	43.00	86.0	22.00	44.0	65	
1,2-Dichloropropane	ug/kg	0	50	44.00	88.0	26.00	52.0	51	
Bromodichloromethane	ug/kg	0	50	44.00	88.0	25.00	50.0	55	
Bromomethane	ug/kg	0	50	45.00	90.0	26.00	52.0	54	
Toluene	ug/kg	0	50	42.00	84.0	21.00	42.0	67	
1,1,2-Trichloroethane	ug/kg	0	50	46.00	92.0	26.00	52.0	56	
Tetrachloroethene	ug/kg	0	50	40.00	80.0	13.00	26.0	102	
1,1-Dichloropropene	ug/kg	0	50	46.00	92.0	26.00	52.0	56	
Dibromochloromethane	ug/kg	0	50	44.00	88.0	24.00	48.0	59	
1,2-Dibromoethane	ug/kg	0	50	45.00	90.0	24.00	48.0	61	
Chlorobenzene	ug/kg	0	50	40.00	80.0	18.00	36.0	76	
1,1,1,2-Tetrachloroethane	ug/kg	0	50	43.00	86.0	20.00	40.0	73	
Ethylbenzene	ug/kg	0	50	41.00	82.0	15.00	30.0	93	
m&p-Xylene	ug/kg	0	100	82.00	82.0	27.00	27.0	101	
o-Xylene (1,2-Dimethylbenzene)	ug/kg	0	50	40.00	80.0	14.00	28.0	96	
Styrene	ug/kg	0	50	40.00	80.0	15.00	30.0	91	
Isopropylbenzene	ug/kg	0	50	45.00	90.0	23.00	46.0	71	
Bromoform	ug/kg	0	50	18.00	76.0	8,400	16.8	130	
1,1,2,2-Tetrachloroethane	ug/kg	0	50	44.00	88.0	22.00	44.0	67	
Bromobenzene	ug/kg	0	50	38.00	76.0	14.00	28.0	92	
1,2,3-Trichloropropane	ug/kg	0	50	46.00	92.0	24.00	48.0	63	
n-Propylbenzene	ug/kg	0	50	38.00	76.0	7,100	14.2	117	
2-Chlorotoluene	ug/kg	0	50	39.00	78.0	9,800	19.6	120	
1,3,5-Trimethylbenzene	ug/kg	0	50	37.00	74.0	6,000	11.8	117	
4-Chlorotoluene	ug/kg	0	50	38.00	76.0	9,800	19.6	118	
1,2,4-Trimethylbenzene	ug/kg	0	50	37.00	74.0	7,100	14.2	116	
tert-Butylbenzene	ug/kg	0	50	34.00	68.0	1,800	7.60	160	
sec-Butylbenzene	ug/kg	0	50	36.00	72.0	5,200	10.4	150	
p-Isopropyltoluene	ug/kg	0	50	34.00	68.0	3,800	7.60	160	
1,3-Dichlorobenzene	ug/kg	0	50	35.00	70.0	7,500	15.0	129	
1,4-Dichlorobenzene	ug/kg	0	50	35.00	70.0	8,100	16.2	125	
n-Butylbenzene	ug/kg	0	50	32.00	64.0	2,900	5.80	167	
1,2-Dichlorobenzene	ug/kg	0	50	36.00	72.0	8,100	16.2	125	
1,2-Dibromo-3-Chloropropane	ug/kg	0	50	46.00	92.0	19.00	38.0	83	
1,2,4-Trichlorobenzene	ug/kg	0	50	27.00	54.0	2,600	5.20	165	
Hexachlorobutadiene	ug/kg	0	50	29.00	58.0	1,800	3.60	171	
Naphthalene	ug/kg	0	50	31.00	62.0	5,700	11.4	140	

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Pace Project Number: 108153
Client Project ID: 980623-06

M. (IX SPIKE & MATRIX SPIKE DUPLICATE: 10721570 10721587 Matrix Matrix Spike

Parameter	Units	10701029	Spike Conc.	Spike Result	Spike % Rec	Sp. Dup. Result	Dup % Rec	RPD	Footnotes
1 ,3-Trichlorobenzene	ug/kg	0	50	27.00	54.0	2.500	5.00	166	
L,and-1,3-Dichloropropene	ug/kg	0	50	44.00	88.0	25.00	46.0	63	
,4-1,3-Dichloropropene	ug/kg	0	50	44.00	88.0	25.00	50.0	55	
romofluoromethane (S)					96		94		3
ene-d8 (S)					100		100		
romofluorobenzene (S)					102		102		
1,2-Dichloroethane-d4 (S)					100		100		

ORATORY CONTROL SAMPLE: 10721561

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
hlorodifluoromethane	ug/kg	50	53.00	106	
romomethane	ug/kg	50	45.00	90.0	
yl Chloride	ug/kg	50	49.00	98.0	
Bromomethane	ug/kg	50	39.00	78.0	
oroethane	ug/kg	50	50.00	100	
chlorofluoromethane	ug/kg	50	52.00	104	
hylene Chloride	ug/kg	50	49.00	98.0	
-Dichloroethene	ug/kg	50	50.00	100	
rans-1,2-Dichloroethene	ug/kg	50	50.00	100	
-Dichloroethane	ug/kg	50	50.00	100	
Dichloropropane	ug/kg	50	52.00	104	
1,2-Dichloroethane	ug/kg	50	50.00	100	
Chloroform	ug/kg	50	49.00	98.0	
Bromochloromethane	ug/kg	50	49.00	98.0	
1,1-Trichloroethane	ug/kg	50	50.00	100	
bon Tetrachloride	ug/kg	50	51.00	102	
Dichloropropene	ug/kg	50	52.00	104	
Benzene	ug/kg	50	52.00	104	
-Dichloroethane	ug/kg	50	49.00	98.0	
chloroethene	ug/kg	50	51.00	102	
-Dichloropropane	ug/kg	50	50.00	100	
modichloromethane	ug/kg	50	49.00	98.0	
Dibromomethane	ug/kg	50	49.00	98.0	
uene	ug/kg	50	51.00	102	
,2-Trichloroethane	ug/kg	50	50.00	100	
rachloroethene	ug/kg	50	51.00	102	
-Dichloropropane	ug/kg	50	50.00	100	
Dibromochloromethane	ug/kg	50	49.00	98.0	

QUALITY CONTROL DATA

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Pace Project Number: 108153
Client Project ID: 980623.06

LABORATORY CONTROL SAMPLE: 10721561

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
-Dibromoethane	ug/kg	50	50.00	100	
Dibromomethane	ug/kg	50	50.00	100	
1,1,2-Tetrachloroethane	ug/kg	50	50.00	100	
ylbenzene	ug/kg	50	51.00	102	
-Xylene	ug/kg	100	100.0	100	
ylene (1,3-Dimethylbenzene)	ug/kg	50	51.00	102	
Xylene	ug/kg	50	51.00	102	
Bromoform	ug/kg	50	50.00	100	
propylbenzene (Cumene)	ug/kg	50	51.00	102	
,2,2-Tetrachloroethane	ug/kg	50	50.00	100	
mobenzene	ug/kg	50	50.00	100	
,2,3-Trichloropropane	ug/kg	50	50.00	100	
Propylbenzene	ug/kg	50	52.00	104	
Chlorotoluene	ug/kg	50	51.00	102	
,5-Trimethylbenzene	ug/kg	50	52.00	104	
Chlorotoluene	ug/kg	50	51.00	102	
,2,4-Trimethylbenzene	ug/kg	50	51.00	102	
-Butylbenzene	ug/kg	50	51.00	102	
-Butylbenzene	ug/kg	50	50.00	100	
sopropyltoluene	ug/kg	50	52.00	104	
-Dichlorobenzene	ug/kg	50	51.00	102	
,4-Dichlorobenzene	ug/kg	50	50.00	100	
-Butylbenzene	ug/kg	50	53.00	106	
Dichlorobenzene	ug/kg	50	50.00	100	
Dibromo-3-Chloropropane	ug/kg	50	50.00	100	
,2,4-Trichlorobenzene	ug/kg	50	50.00	100	
Hexachlorobutadiene	ug/kg	50	50.00	100	
phthalene	ug/kg	50	45.00	90.0	
,3-Trichlorobenzene	ug/kg	50	48.00	96.0	
cis 1,3-Dichloropropene	ug/kg	50	51.00	102	
rans 1,3 Dichloropropene	ug/kg	50	51.00	102	
Bromofluoromethane (S)				96	
uene d8 (S)				98	
romofluorobenzene (S)				107	
Dichloroethane d4 (S)				98	

Pace Analytical

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Pace Analytical Long Beach SC
1220 Gilman Street
Long Beach, CA 90813

Pace Project Number: 108153
Client Project ID: 980623-06

Attn: Mr. Richard Villafania
Phone: (562)498-9511

Batch ID: 14277
Analysis Method: EPA 8260
Associated Pace Samples: 10701712

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260

METHOD BLANK: 10724540
Associated Pace Samples:
10701712

Parameter	Units	Method Blank Result	PQL	Footnotes
Dichlorodifluoromethane	ug/kg	ND	5	
Bromomethane	ug/kg	ND	5	
Vinyl Chloride	ug/kg	ND	5	
Chloroethane	ug/kg	ND	5	
Trichlorofluoromethane	ug/kg	ND	5	
Xylene Chloride	ug/kg	ND	5	
Dichloroethene	ug/kg	ND	5	
cis 1,2 Dichloroethene	ug/kg	ND	5	
1,1-Dichloroethane	ug/kg	ND	5	
2,2-Dichloropropane	ug/kg	ND	5	
trans-1,2 Dichloroethene	ug/kg	ND	5	
Chloroform	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,1,1-Trichloroethane	ug/kg	ND	5	
Carbon Tetrachloride	ug/kg	ND	5	
1,1-Dichloropropene	ug/kg	ND	5	
Benzene	ug/kg	ND	5	
1,2-Dichloroethane	ug/kg	ND	5	
Trichloroethene	ug/kg	ND	5	
1,2-Dichloropropane	ug/kg	ND	5	
Dibromomethane	ug/kg	ND	5	
Bromodichloromethane	ug/kg	ND	5	
Toluene	ug/kg	ND	5	
1,1,2 Trichloroethane	ug/kg	ND	5	

M ..IOD BLANK: 10724540
Associated Pace Samples:
10701712

Parameter	Units	Method Blank Result	PRL	Footnotes
T richloromethane	ug/kg	ND	5	
,-Dichloropropane	ug/kg	ND	5	
) romochloromethane	ug/kg	ND	5	
,,-Dibromomethane	ug/kg	ND	5	
) romobenzene	ug/kg	ND	5	
,1,2-Tetrachloroethane	ug/kg	ND	5	
ylbenzene	ug/kg	ND	5	
M -Xylene	ug/kg	ND	5	
O-Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
S rene	ug/kg	ND	5	
B moform	ug/kg	ND	5	
I propylbenzene (Cumene)	ug/kg	ND	5	
1 ,2,2-Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
,1-Trichloropropane	ug/kg	ND	5	
n propylbenzene	ug/kg	ND	5	
; hlorotoluene	ug/kg	ND	5	
,-Trimethylbenzene	ug/kg	ND	5	
4 Chlorotoluene	ug/kg	ND	5	
,4-Trimethylbenzene	ug/kg	ND	5	
Butylbenzene	ug/kg	ND	5	
.-Butylbenzene	ug/kg	ND	5	
.sopropyltoluene	ug/kg	ND	5	
1,3-Dichlorobenzene	ug/kg	ND	5	
1 ,-Dichlorobenzene	ug/kg	ND	5	
utylbenzene	ug/kg	ND	5	
1 -Dichlorobenzene	ug/kg	ND	5	
1,2-Dibromo 3 Chloropropane	ug/kg	ND	5	
1,4-Trichlorobenzene	ug/kg	ND	5	
achlorobutadiene	ug/kg	ND	5	
aphalene	ug/kg	ND	5	
,-Trichlorobenzene	ug/kg	ND	5	
trans 1,3 Dichloropropene	ug/kg	ND	5	
1,3 Dichloropropene	ug/kg	ND	5	
Chloroethyl Vinyl Ether	ug/kg	ND	5	
Acetone	ug/kg	7.7	20	1,7
Benzene	ug/kg	ND	10	
4-Methyl 2 Pentanone	ug/kg	ND	10	

QUALITY CONTROL DATA

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Pace Project Number: 10811511
Client Project ID: 98621-06

Method Blank: 10724540
Associated Pace Samples:
10701712

Parameter	Units	Method Blank Result	PRL	Footnotes
Carbon Disulfide	ug/kg	ND	10	
Hexanone	ug/kg	ND	100	
Vinyl Acetate	ug/kg	ND	100	
Methyl-tert-butyl Ether	ug/kg	ND	5	
Pentanol	ug/kg	ND	500	
Isopropyl Ether	ug/kg	ND	5	
Ethyl-tert-butyl ether	ug/kg	ND	5	
tert-Amylmethyl ether	ug/kg	ND	5	
2-Methyl-2-propanol	ug/kg	ND	100	
Bromofluoromethane (S)	%	94		
Toluene-d8 (S)	%	104		
4-Bromofluorobenzene (S)	%	104		
1,2-Dichloroethane-d4 (S)	%	104		

Matrix Spike: 10724557

Parameter	Units	10701119	Spike Conc.	Matrix Spike Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	0	50	53.00	106	
Methane	ug/kg	0	50	53.00	106	
Vinyl Chloride	ug/kg	0	50	56.00	112	
Bromomethane	ug/kg	0	50	53.00	106	
Chloroethane	ug/kg	0	50	53.00	106	
Trichlorofluoromethane	ug/kg	0	50	40.00	80.0	
Methylene Chloride	ug/kg	0	50	43.00	86.0	
1,1-Dichloroethene	ug/kg	0	50	40.00	80.0	
trans 1,2 Dichloroethene	ug/kg	0	50	36.00	72.0	
1,1 Dichloroethane	ug/kg	0	50	41.00	82.0	
2,2 Dichloropropane	ug/kg	0	50	40.00	80.0	
cis 1,2 Dichloroethene	ug/kg	0	50	37.00	74.0	
Chloroform	ug/kg	0	50	39.00	78.0	
Bromochloromethane	ug/kg	0	50	36.00	72.0	
1,1,1 Trichloroethane	ug/kg	0	50	38.00	76.0	
Carbon Tetrachloride	ug/kg	0	50	37.00	74.0	
1,1 Dichloropropene	ug/kg	0	50	38.00	76.0	
Benzene	ug/kg	0	50	42.00	84.0	
1,2 Dichloroethane	ug/kg	0	50	38.00	76.0	

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Pace Project Number: 108154
Client Project ID: 980623-04

MATRIX SPIKE: 10724507

Parameter	Units	10707119	Spike Conc.	Matrix Spike Result	Spike % Rec	Footnotes
Chloroethane	ug/kg	0	50	37.00	74.0	
1,2-Dichloropropane	ug/kg	0	50	34.00	68.0	
Bromodichloromethane	ug/kg	0	50	32.00	64.0	
Bromomethane	ug/kg	0	50	32.00	64.0	
Benzene	ug/kg	0	50	40.00	80.0	
1,2 Trichloroethane	ug/kg	0	50	34.00	68.0	
Tetrachloroethene	ug/kg	0	50	36.00	72.0	
1,3-Dichloropropane	ug/kg	0	50	33.00	66.0	
Dibromochloromethane	ug/kg	0	50	32.00	64.0	
1,2-Dibromoethane	ug/kg	0	50	32.00	64.0	
Chlorobenzene	ug/kg	0	50	36.00	72.0	
1,1,1,2 Tetrachloroethane	ug/kg	0	50	36.00	72.0	
Ethylbenzene	ug/kg	0	50	40.00	80.0	
m,p-Xylene	ug/kg	0	100	80.00	80.0	
o-Xylene (1,2 Dimethylbenzene)	ug/kg	0	50	39.00	78.0	
Styrene	ug/kg	0	50	36.00	72.0	
Bromoform	ug/kg	0	50	34.00	68.0	
Isopropylbenzene (Cumene)	ug/kg	0	50	39.00	78.0	
1,1,2,2 Tetrachloroethane	ug/kg	0	50	37.00	74.0	
Bromobenzene	ug/kg	0	50	33.00	66.0	
1,2,3 Trichloropropane	ug/kg	0	50	42.00	84.0	
n-Propylbenzene	ug/kg	0	50	24.00	48.0	
2-Chlorotoluene	ug/kg	0	50	36.00	72.0	
1,3,5-Trimethylbenzene	ug/kg	0	50	36.00	72.0	
4-Chlorotoluene	ug/kg	0	50	34.00	68.0	
1,2,4-Trimethylbenzene	ug/kg	0	50	34.00	68.0	
tert-Butylbenzene	ug/kg	0	50	34.00	68.0	
1,2,4-Butylbenzene	ug/kg	0	50	36.00	72.0	
p-Isopropyltoluene	ug/kg	0	50	33.00	66.0	
1,2-Dichlorobenzene	ug/kg	0	50	30.00	60.0	
1,4 Dichlorobenzene	ug/kg	0	50	29.00	58.0	
sec-Butylbenzene	ug/kg	0	50	30.00	60.0	
1,3-Dichlorobenzene	ug/kg	0	50	30.00	60.0	
1,2-Dibromo-3-Chloropropane	ug/kg	0	50	38.00	76.0	
1,2,4 Trichlorobenzene	ug/kg	0	50	19.00	38.0	
Hexachlorobutadiene	ug/kg	0	50	22.00	44.0	
Naphthalene	ug/kg	0	50	19.00	38.0	
1,2,3-Trichlorobenzene	ug/kg	0	50	19.00	38.0	
cis+trans-1,3-Dichloropropene	ug/kg	0	50	32.00	64.0	
trans-1,3-Dichloropropene	ug/kg	0	50	32.00	64.0	
Dibromofluoromethane (S)					88	

Pace Analytical

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Pace Project Number: 108153
Client Project ID: 980621-06

MATRIX SPIKE: 10724557

Parameter	Units	10707339	Spike Conc.	Matrix Spike Result	Spike % Rec	Footnotes
Toluene-d8 (S)					100	
4-Bromofluorobenzene (S)					104	
1,2-Dichloroethane-d4 (S)					92	

LABORATORY CONTROL SAMPLE: 10724571

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	50	58.00	116	
Chloromethane	ug/kg	50	58.00	116	
Vinyl Chloride	ug/kg	50	59.00	118	
Bromomethane	ug/kg	50	58.00	116	
Chloroethane	ug/kg	50	55.00	110	
Trichlorofluoromethane	ug/kg	50	45.00	90.0	
Methylene Chloride	ug/kg	50	48.00	96.0	
1,1-Dichloroethene	ug/kg	50	44.00	88.0	
trans-1,2-Dichloroethene	ug/kg	50	42.00	84.0	
1,1-Dichloroethane	ug/kg	50	46.00	92.0	
2,2-Dichloropropane	ug/kg	50	46.00	92.0	
cis-1,2-Dichloroethene	ug/kg	50	41.00	82.0	
Chloroform	ug/kg	50	44.00	88.0	
Bromochloromethane	ug/kg	50	41.00	82.0	
1,1,1-Trichloroethane	ug/kg	50	41.00	82.0	
Carbon Tetrachloride	ug/kg	50	42.00	84.0	
1,1-Dichloropropene	ug/kg	50	45.00	90.0	
Benzene	ug/kg	50	49.00	98.0	
1,2-Dichloroethane	ug/kg	50	44.00	88.0	
Trichloroethene	ug/kg	50	44.00	88.0	
1,2-Dichloropropane	ug/kg	50	38.00	76.0	
Dibromochloromethane	ug/kg	50	37.00	74.0	
Bromoform	ug/kg	50	37.00	74.0	
Toluene	ug/kg	50	48.00	96.0	
1,1,2-Trichloroethane	ug/kg	50	39.00	78.0	
Tetrachloroethene	ug/kg	50	44.00	88.0	
1,3-Dichloropropane	ug/kg	50	39.00	78.0	
Dibromochloromethane	ug/kg	50	38.00	76.0	
1,2-Dibromoethane	ug/kg	50	39.00	78.0	
Chlorobenzene	ug/kg	50	48.00	96.0	
1,1,1,2-Tetrachloroethane	ug/kg	50	43.00	86.0	
Ethylbenzene	ug/kg	50	52.00	104	

LABORATORY CONTROL SAMPLE: 10734571

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
o-Xylene	ug/kg	100	100.0	100	
m&p-Xylene (1,2-Dimethylbenzene)	ug/kg	50	51.00	102	
Styrene	ug/kg	50	51.00	102	
Bromoform	ug/kg	50	43.00	86.0	
Isopropylbenzene (Cumene)	ug/kg	50	51.00	102	
1,1,2,2-Tetrachloroethane	ug/kg	50	47.00	94.0	
Bromobenzene	ug/kg	50	48.00	96.0	
1,2,3-Trichloropropane	ug/kg	50	40.00	80.0	
n-Propylbenzene	ug/kg	50	33.00	66.0	
2-Chlorotoluene	ug/kg	50	51.00	102	
1,3,5-Trimethylbenzene	ug/kg	50	50.00	100	
4-Chlorotoluene	ug/kg	50	50.00	100	
tert-Butylbenzene	ug/kg	50	48.00	96.0	
1,2,4-Trimethylbenzene	ug/kg	50	50.00	100	
sec-Butylbenzene	ug/kg	50	48.00	96.0	
p-Isopropyltoluene	ug/kg	50	48.00	96.0	
1,3-Dichlorobenzene	ug/kg	50	49.00	98.0	
1,4-Dichlorobenzene	ug/kg	50	48.00	96.0	
n-Butylbenzene	ug/kg	50	49.00	98.0	
1,2-Dichlorobenzene	ug/kg	50	48.00	96.0	
1,2-Dibromo-3-Chloropropane	ug/kg	50	47.00	94.0	
1,2,4-Trichlorobenzene	ug/kg	50	42.00	84.0	
Hexachlorobutadiene	ug/kg	50	43.00	86.0	
Naphthalene	ug/kg	50	37.00	74.0	
1,2,3-Trichlorobenzene	ug/kg	50	41.00	82.0	
trans-1,3-Dichloropropene	ug/kg	50	38.00	76.0	
cis-1,3-Dichloropropene	ug/kg	50	38.00	76.0	
Bromofluoromethane (S)				88	
Toluene-d8 (S)				96	
4-Bromofluorobenzene (S)				104	
1,2-Dichloroethane-d4 (S)				88	

e Analytical) Long Beach SC
3..0 Gilman Street
Long Beach, CA 90815

Pace Project Number: 10815
Client Project ID: 980623 06

Attn: Mr. Richard Villafania
Phone: (562)498-9515

Batch ID: 14570 QC Batch Method: EPA 8260
Analysis Method: EPA 8260 Analysis Description: GC/MS VOCs by 8260
Associated Pace Samples: 10701720 10701761 10701779 10701787

METHOD BLANK: 10717611
Associated Pace Samples:

	10701720	10701761	10701779	10701787
Parameter	Units	Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/kg	ND	5	
Bromomethane	ug/kg	ND	5	
Vinyl Chloride	ug/kg	ND	5	
Chloroethane	ug/kg	ND	5	
Trichlorofluoromethane	ug/kg	ND	5	
Methylene Chloride	ug/kg	2.9	5	1,2
Trichlorofluoromethane	ug/kg	ND	5	
trans-1,2-Dichloroethene	ug/kg	ND	5	
1,1-Dichloroethane	ug/kg	ND	5	
2,2-Dichloropropane	ug/kg	ND	5	
cis-1,2-Dichloroethene	ug/kg	ND	5	
Chloroform	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,1,1 Trichloroethane	ug/kg	ND	5	
Carbon Tetrachloride	ug/kg	ND	5	
1,1-Dichloropropene	ug/kg	ND	5	
Benzene	ug/kg	ND	5	
1,2 Dichloroethane	ug/kg	ND	5	
Trichloroethene	ug/kg	ND	5	
1,2 Dichloropropane	ug/kg	ND	5	
Dibromochloromethane	ug/kg	ND	5	
Bromodichloromethane	ug/kg	ND	5	
Toluene	ug/kg	ND	5	
1,1,2-Trichloroethane	ug/kg	ND	5	

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Pace Project Number: 10811
Client Project ID: 9H0621-04

METHOD BLANK: 10737611
Associated Pace Samples:

		10701720	10701761	10701779	10701787
Parameter	Units		Method Blank Result	PRL	Footnotes
Pachloroethane	ug/kg		ND	5	
Dichloropropane	ug/kg		ND	5	
romochloromethane	ug/kg		ND	5	
1,2-Dibromoethane	ug/kg		ND	5	
orobenzene	ug/kg		ND	5	
,1,2-Tetrachloroethane	ug/kg		ND	5	
ylbenzene	ug/kg		ND	5	
M Xylene	ug/kg		ND	5	
O-Xylene (1,2 Dimethylbenzene)	ug/kg		ND	5	
zene	ug/kg		ND	5	
noform	ug/kg		ND	5	
propylbenzene (Cumene)	ug/kg		ND	5	
1,,2,2-Tetrachloroethane	ug/kg		ND	5	
Bromobenzene	ug/kg		ND	5	
,,-Trichloropropane	ug/kg		ND	5	
ropylbenzene	ug/kg		ND	5	
hlorotoluene	ug/kg		ND	5	
1,,,5 Trimethylbenzene	ug/kg		ND	5	
-Chlorotoluene	ug/kg		ND	5	
Trimethylbenzene	ug/kg		ND	5	
utylbenzene	ug/kg		ND	5	
c Butylbenzene	ug/kg		ND	5	
Isopropyltoluene	ug/kg		ND	5	
,-Dichlorobenzene	ug/kg		ND	5	
-Dichlorobenzene	ug/kg		ND	5	
utylbenzene	ug/kg		ND	5	
Dichlorobenzene	ug/kg		ND	5	
1,2-Dibromo-3-Chloropropane	ug/kg		ND	5	
,2,4-Trichlorobenzene	ug/kg		ND	5	
Hexachlorobutadiene	ug/kg		ND	5	
Naphthalene	ug/kg		ND	5	
,2,3-Trichlorobenzene	ug/kg		ND	5	
trans-1,3-Dichloropropene	ug/kg		ND	5	
is-1,3-Dichloropropene	ug/kg		ND	5	
2-Chloroethyl Vinyl Ether	ug/kg		ND	5	
Acetone	ug/kg		30	20	2
2-Butanone	ug/kg		6.9	10	1
4-Methyl-2-Pentanone	ug/kg		ND	10	

METHOD BLANK: 10737611
Associated Pace Samples:

10701720 10701761 10701779 10701787

Parameter	Units	Method Blank Result	PQL	Footnotes
Carbon Disulfide	ug/kg	ND	10	
2-Hexanone	ug/kg	ND	100	
Vinyl Acetate	ug/kg	ND	100	
Methyl-tert-butyl Ether	ug/kg	ND	5	
2-Propanol	ug/kg	ND	500	
Isopropyl Ether	ug/kg	ND	5	
Ethyl-tert-butyl ether	ug/kg	ND	5	
tert-Amylmethyl ether	ug/kg	ND	5	
1,2-Methyl 2 propanol	ug/kg	ND	100	
Bromofluoromethane (S)	%	90		
Toluene d8 (S)	%	96		
4-Bromofluorobenzene (S)	%	92		
1,2-Dichloroethane-d4 (S)	%	102		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10737641 10737658

Parameter	Units	10701720	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Dichlorodifluoromethane	ug/kg	0	50	94.00	188	77.00	154	20	4
Chloromethane	ug/kg	0	50	60.00	120	50.00	100	18	
Vinyl Chloride	ug/kg	0	50	83.00	166	69.00	138	18	4
Bromomethane	ug/kg	0	50	89.00	178	67.00	134	28	
Chloroethane	ug/kg	0	50	82.00	164	66.00	132	22	4
Trichlorofluoromethane	ug/kg	0	50	62.00	124	51.00	102	19	
Methylene Chloride	ug/kg	0	50	46.00	92.0	42.00	84.0	9	
1,1-Dichloroethene	ug/kg	0	50	56.00	112	48.00	96.0	15	
trans-1,2-Dichloroethene	ug/kg	0	50	53.00	106	46.00	92.0	14	
1,1-Dichloroethane	ug/kg	0	50	58.00	116	51.00	102	13	
2,2-Dichloropropane	ug/kg	0	50	57.00	114	47.00	94.0	19	
cis-1,2 Dichloroethene	ug/kg	0	50	48.00	96.0	43.00	86.0	11	
Chloroform	ug/kg	0	50	53.00	106	47.00	94.0	12	
Bromochloromethane	ug/kg	0	50	47.00	94.0	44.00	88.0	7	
1,1,1-Trichloroethane	ug/kg	0	50	58.00	116	48.00	96.0	19	
Carbon Tetrachloride	ug/kg	0	50	57.00	114	47.00	94.0	19	
1,1-Dichloropropene	ug/kg	0	50	58.00	116	48.00	96.0	19	
Benzene	ug/kg	0	50	53.00	106	47.00	94.0	12	
1,2 Dichloroethane	ug/kg	0	50	55.00	110	48.00	96.0	14	

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Pace Project Number: 108153
Client Project ID: 980621-06

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10737641 10737658

Parameter	Units	10701720	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Trichloroethene	ug/kg	0	50	52.00	104	44.00	88.0	17	
1,2-Dichloropropane	ug/kg	0	50	52.00	104	46.00	92.0	12	
Bromodichloromethane	ug/kg	0	50	52.00	104	45.00	90.0	14	
Bromomethane	ug/kg	0	50	48.00	96.0	43.00	86.0	11	
Toluene	ug/kg	0	50	49.00	98.0	42.00	84.0	15	
1,1,2-Trichloroethane	ug/kg	0	50	47.00	94.0	44.00	88.0	7	
Tetrachloroethene	ug/kg	0	50	50.00	100	41.00	82.0	20	
1,3-Dichloropropane	ug/kg	0	50	48.00	96.0	43.00	86.0	11	
Dibromochloromethane	ug/kg	0	50	45.00	90.0	41.00	82.0	9	
1,2-Dibromoethane	ug/kg	0	50	42.00	84.0	39.00	78.0	7	
Chlorobenzene	ug/kg	0	50	43.00	86.0	37.00	74.0	15	
1,1,1,2-Tetrachloroethane	ug/kg	0	50	48.00	96.0	42.00	84.0	13	
Ethylbenzene	ug/kg	0	50	50.00	100	42.00	84.0	17	
m,p-Xylene	ug/kg	0	100	97.00	97.0	80.00	80.0	19	
o-Xylene (1,2-Dimethylbenzene)	ug/kg	0	50	46.00	92.0	40.00	80.0	14	
Styrene	ug/kg	0	50	42.00	84.0	36.00	72.0	15	
Bromoform	ug/kg	0	50	40.00	80.0	37.00	74.0	8	
Isopropylbenzene (Cumene)	ug/kg	0	50	48.00	96.0	39.00	78.0	21	
1,1,2,2-Tetrachloroethane	ug/kg	0	50	40.00	80.0	37.00	74.0	8	
Bromobenzene	ug/kg	0	50	40.00	80.0	35.00	70.0	13	
1,2,3-Trichloropropane	ug/kg	0	50	45.00	90.0	41.00	82.0	9	
n-Propylbenzene	ug/kg	0	50	48.00	96.0	38.00	76.0	23	
2-Chlorotoluene	ug/kg	0	50	46.00	92.0	37.00	74.0	22	
1,3,5-Trimethylbenzene	ug/kg	0	50	46.00	92.0	37.00	74.0	22	
4-Chlorotoluene	ug/kg	0	50	42.00	84.0	35.00	70.0	18	
1,2,4-Trimethylbenzene	ug/kg	0	50	43.00	86.0	35.00	70.0	21	
tert-Butylbenzene	ug/kg	0	50	43.00	86.0	34.00	68.0	23	
1,3-Dichlorobenzene	ug/kg	0	50	45.00	90.0	36.00	72.0	22	
p-Isopropyltoluene	ug/kg	0	50	42.00	84.0	34.00	68.0	21	
1,4-Dichlorobenzene	ug/kg	0	50	36.00	72.0	30.00	60.0	18	
1,2-Dichlorobenzene	ug/kg	0	50	34.00	68.0	29.00	58.0	16	
n-Butylbenzene	ug/kg	0	50	40.00	80.0	32.00	64.0	22	
1,2-Dichlorobenzene	ug/kg	0	50	35.00	70.0	30.00	60.0	15	
1,2-Dibromo-3-Chloropropane	ug/kg	0	50	42.00	84.0	38.00	76.0	10	4
1,2,4-Trichlorobenzene	ug/kg	0	50	25.00	50.0	20.00	40.0	22	4
Hexachlorobutadiene	ug/kg	0	50	31.00	62.0	25.00	50.0	21	
Naphthalene	ug/kg	0	50	25.00	50.0	20.00	40.0	22	4
1,2,3-Trichlorobenzene	ug/kg	0	50	24.00	48.0	20.00	40.0	18	4
cis-1,3-Dichloropropene	ug/kg	0	50	46.00	92.0	41.00	82.0	11	
trans-1,3-Dichloropropene	ug/kg	0	50	47.00	94.0	42.00	84.0	11	
Dibromofluoromethane (S)					100		100		

Pace Analytical

QUALITY CONTROL DATA

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Pace Project Number: 108153
Client Project ID: 980623-06

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10737641 10737659

Parameter	Units	10701720	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Toluene-d8 (S)					100		102		
4-Bromofluorobenzene (S)					102		102		1
1,2-Dichloroethane-d4 (S)					112		108		

LABORATORY CONTROL SAMPLE: 10737666

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	50	85.00	170	4
Bromomethane	ug/kg	50	44.00	88.0	
Vinyl Chloride	ug/kg	50	80.00	160	4
Chloroethane	ug/kg	50	36.00	72.0	
Bromoethane	ug/kg	50	65.00	130	4
Trichlorofluoromethane	ug/kg	50	56.00	112	
Methylene Chloride	ug/kg	50	48.00	96.0	
1,1 Dichloroethene	ug/kg	50	54.00	108	
trans-1,2-Dichloroethene	ug/kg	50	54.00	108	
1,1 Dichloroethane	ug/kg	50	53.00	106	
2,2-Dichloropropane	ug/kg	50	50.00	100	
cis 1,2 Dichloroethene	ug/kg	50	49.00	98.0	
Chloroform	ug/kg	50	48.00	96.0	
Bromochloromethane	ug/kg	50	47.00	94.0	
1,1,1-Trichloroethane	ug/kg	50	47.00	94.0	
Carbon Tetrachloride	ug/kg	50	46.00	92.0	
1,1-Dichloropropene	ug/kg	50	54.00	108	
Benzene	ug/kg	50	53.00	106	
1,2-Dichloroethane	ug/kg	50	49.00	98.0	
Trichloroethene	ug/kg	50	48.00	96.0	
1,2-Dichloropropane	ug/kg	50	51.00	102	
Dibromochloromethane	ug/kg	50	48.00	96.0	
Bromoform	ug/kg	50	47.00	94.0	
Styrene	ug/kg	50	50.00	100	
1,1,2-Trichloroethane	ug/kg	50	48.00	96.0	
Tetrachloroethene	ug/kg	50	48.00	96.0	
1,3 Dichloropropane	ug/kg	50	47.00	94.0	
Dibromochloromethane	ug/kg	50	42.00	84.0	
1,2-Dibromoethane	ug/kg	50	44.00	88.0	
Chlorobenzene	ug/kg	50	47.00	94.0	
1,1,1,2-Tetrachloroethane	ug/kg	50	46.00	92.0	
Ethylbenzene	ug/kg	50	50.00	100	

ORATORY CONTROL SAMPLE: 10737666

ameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
-Xylene	ug/kg	100	98.00	98.0	
-Xylene (1,2-Dimethylbenzene)	ug/kg	50	47.00	94.0	
ene	ug/kg	50	47.00	94.0	
moform	ug/kg	50	41.00	82.0	
propylbenzene (Cumene)	ug/kg	50	47.00	94.0	
,2,2-Tetrachloroethane	ug/kg	50	43.00	86.0	
Bromobenzene	ug/kg	50	46.00	92.0	
,3-Trichloropropane	ug/kg	50	43.00	86.0	
propylbenzene	ug/kg	50	48.00	96.0	
Chlorotoluene	ug/kg	50	47.00	94.0	
,5-Trimethylbenzene	ug/kg	50	45.00	90.0	
4-Chlorotoluene	ug/kg	50	46.00	92.0	
,4-Trimethylbenzene	ug/kg	50	43.00	86.0	
-Butylbenzene	ug/kg	50	44.00	88.0	
-Butylbenzene	ug/kg	50	43.00	86.0	
sopropyltoluene	ug/kg	50	44.00	88.0	
1,4-Dichlorobenzene	ug/kg	50	45.00	90.0	
-Dichlorobenzene	ug/kg	50	44.00	88.0	
utylbenzene	ug/kg	50	44.00	88.0	
-Dichlorobenzene	ug/kg	50	44.00	88.0	
. Dibromo 3 Chloropropane	ug/kg	50	39.00	78.0	4
1,2,4-Trichlorobenzene	ug/kg	50	39.00	78.0	4
Chlorobutadiene	ug/kg	50	40.00	80.0	
Naph	ug/kg	50	37.00	74.0	4
,3 Trichlorobenzene	ug/kg	50	38.00	76.0	4
ans-1,4-Dichloropropene	ug/kg	50	46.00	92.0	
is 1,3 Dichloropropene	ug/kg	50	48.00	96.0	
romofluoromethane (S)				92	
uene-d8 (S)				98	
romofluorobenzene (S)				96	
1,2 Dichloroethane-d4 (S)				96	

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

N Not Detected
NC Not Calculable
PQL Pace Reporting Limit
RPD Relative Percent Difference
S Surrogate
J Detected but below the PQL; therefore, result is an estimated concentration (CLP J-Flag)
B Common laboratory contaminant.
M1 The spike recovery was outside acceptance limits for the MS and /or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
C1 The continuing calibration for this compound was outside the method control limits. The result for this compound should be considered an estimate.

Pace Analytical

1347SA
980623-06

42347T

Page 1 of 7

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: [1] 24 Hours; [2] 48 Hours; [3] 3-5 Days; [X] 1 Week 2 Weeks; [X] Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Tracy Terminal		*Requested Due Date: 7/8/98
Sampler Signature:	Date Sampled: 6-22-98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPHg	BTEX	VOCs (33)	SVOCs (20)	PCBs (1)	REMARKS
1	TTB64-1-1	730	S								X	X	X				RUSHES DUE 6/30/98
2	TTB64-1-3	735															
3	TTB64-1-5	740															RUSH
4	TTB64-1-10	745															Archive
5	TTB64-1-15	750															
6	TTB65-2-1	835									X	X	X	X			
7	TTB65-2-3	840															
8	TTB65-2-5	845	V								V	V	V	V			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
Fed Ex			

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/22/98	1600	Hunglam / Pace	6/23/98	900

SAMPLE CONDITION

Temp: 2.0 °C	Received on Ice: (Y) N	Sealed Cooler: (Y) N	Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

98062-04 Page 2 of 7

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA	Bill To:		Pace Project Manager
Phone: (510) 785-1411	P.O. # / Billing Reference: 575-8600 (		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Transbay Terminal		*Requested Due Date
Sampler Signature	Date Sampled: 6-22-98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	TTB65-2-10	850	S								X	X	X		X		Rush
2	TTB65-2-15	855															Archive
3	TTB65-3-1	910									X	X	X		X		
4	TTB65-3-3	915															
5	TTB65-3-5	920															
6	TTB65-3-10	925															Rush
7	TTB65-3-15	930															Archive
8	TTB65-4-1	935	V								X	X	X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSE	6/24/98	1600			

SAMPLE CONDITION

Temp: ___ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Page 3 of 7 — 42341C

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client	PSI
Address	1320 W. Winton Ave Hayward, CA 94545
Phone	(510) 785-1111
Report To:	Frank Pons
Bill To:	
P.O. # / Billing Reference	575-80001
Project Name / No.	Tesoro Terminal

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date

Sampled By (PRINT): Scott Bowers

Sampler Signature

Date Sampled: 6-22-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-D	BTEX	VOC's	SVOC's	PCB's	REMARKS
1	TTB65-4-3	940	S								X	X	X				
2	TTB65-4-5	945									↓	↓	↓				
3	TTB65-4-10	950															RUSH
4	TTB65-4-15	955															Archive
5	TTB64-2-1	1015									X	X	X	X			
6	TTB64-2-3	1020									↓	↓	↓	↓			
7	TTB64-2-5	1025															
8	TTB64-2-10	1032	↓														RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/24/98	1600			

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

480625-04 42341 3

Page 4 of 7

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSE	Report To: Erik Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1611	P.O. # / Billing Reference: 575-8600.1		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Transbay Terminal		*Requested Due Date
Sampler Signature:	Date Sampled: 6-22-98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	TTB64-2-15	1035	S								X	X	X		X		Archive
2	TTB64-3-1	1055									X	X	X		X		
3	TTB64-3-3	1100									X	X	X		X		
4	TTB64-3-5	1105									X	X	X		X		
5	TTB64-3-10	1110									X	X	X		X		Rush
6	TTB64-3-15	1115									X	X	X		X		Archive
7	TTB65-1-1	1200									X	X	X		X		
8	TTB65-1-3	1205									X	X	X		X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSE	6/22/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

980923-44 423491

Page 5 of 7 **CHAIN-OF-CUSTODY RECORD**
Analytical Request

Client: PSI	Report To: Frank Puss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: —		Pace Project Manager
Phone: (510) 785-1141	P.O. # / Billing Reference: 575-8601		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Transbay Terminal		*Requested Due Date
Sampler Signature:	Date Sampled: 6-22-98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR metals	TPH-5	BTEX	VOCs	SVOCs	PCB
1	TTB65-1-5	1210	S								X	X	X			
2	TTB65-1-10	1215									X	X	X			
3	TTB65-1-15	1220														
4	TTB62-3-1	1235									X	X	X			
5	TTB62-3-3	1240														
6	TTB62-3-5	1245									X	X	X			
7	TTB62-3-10	1250									X	X	X	NO3		
8	TTB63-3-1	1255	V								X	X	X			

REMARKS

Rush Analysis

RUSH Analysis

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	1600	6/22/98			

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

480623 04 423493

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PST	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To: ←		Pace Project Manager
	P.O. # / Billing Reference: 575-8601		Pace Project No.
Phone: (510) 785-1111	Project Name / No.: Tansby Tenant		*Requested Due Date:
Sampled By (PRINT): Scott Bowers			
Sampler Signature:	Date Sampled: 6-22-98		

ITEM NO	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR metals	TPH-5	BTEX	VOCs	SVOCs	ICAP	REMARKS
1	TTB63-3-3	1300	S								X	X	X				Rush
2	TTB63-3-5	1305									X	X					
3	TTB63-3-10	1310									X	X	X				Archive
4	TTB63-4-1	1330									X						
5	TTB63-4-3	1335									X						
6	TTB63-4-5	1340									X						
7	TTB63-4-10	1345									X						Rush
8	TTB63-4-15	1350	↓								X						Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	PST	6/22/98	1600			

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Page 7 of 7

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI 1320 N. Wilton	Report To: Frank Poss
Address: Hayward, CA 94545	Bill To: ←
	P.O. # / Billing Reference: 575-8600
Phone: (510) 785-1111	Project Name / No.: Tracy Terminal

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature]

Date Sampled: 6-22-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-S	BTEX	VOC's	CVOCs	PCB's	REMARKS
1	TTB63-2-1	1400	S								X	X		X	X		
2	TTB63-2-3	1405									X	X		X	X		
3	TTB63-2-5	1410									X	X		X	X		
4	TTB63-1-1	1415									X	X	X				
5	TTB63-1-3	1420									X	X	X				
6	TTB63-1-5	1425	↓								X	X	X				
7	~~TTB63-1-10~~																
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSI	6/22/98	1600			

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: TRANSBAY TERMINAL
Site Location:

PACE ANALYTICAL Project #: 980624-05
PACE ANALYTICAL WO #: 13462A
Client ID #: 575-8G001

Date: 7/28/98

PACE ANALYTICAL, INC is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/23/98 and received on 06/24/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Soil)	2-14
CCR Metals (Water)	15-16
TPH-Speciation (Soil)	17-20
TPH-Speciation (Water)	21-22
BTEX (Soil)	23-29
BTEX (Water)	30-31
List of Abbreviations and Definitions	32

In addition the analysis for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1226

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 980824-05
PACE ANALYTICAL WO# 13482A
Client ID# 575-8G001

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB68-4-5	TTB68-4-10	TTB67-2-1	TTB67-2-3	TTB67-2-5	TTB67-2-10	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/21/98	07/21/98	07/21/98	07/21/98	07/21/98	07/21/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.3	9.2	13	7.0	5.6	7.8	5.0	6010
Barium (Ba)	28	29	160	47	24	45	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.5	<0.5	<0.5	0.5	<0.5	0.7	0.5	6010
Chromium (Cr)	33	31	25	30	31	27	0.5	6010
Cobalt (Co)	4.0	3.8	12	4.0	4.1	4.0	1.0	6010
Copper (Cu)	30	22	25	72	19	44	2.5	6010
Lead (Pb)	66	210	14	85	75	120	1.0	6010
Mercury (Hg)*	0.38	0.28	0.07	0.26	0.15	0.32	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	18	20	41	18	19	18	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	23	22	22	24	22	22	0.5	6010
Zinc (Zn)	110	91	57	230	92	230	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/07/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980624-05
PACE ANALYTICAL WO#: 13482A
Client ID#:575-8G001

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB62-4-1	TTB62-4-3	TTB62-4-5	TTB62-4-10	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/21/98	07/21/98	07/21/98	07/21/98	07/21/98		
Analyte							
Antimony (Sb)	11	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	17	7.8	<5.0	<5.0	<5.0	5.0	6010
Barium (Ba)	77	78	30	54	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	1.2	2.0	<0.5	0.5	<0.5	0.5	6010
Chromium (Cr)	29	32	31	26	<0.5	0.5	6010
Cobalt (Co)	8.1	4.4	3.8	4.1	<1.0	1.0	6010
Copper (Cu)	430	160	35	95	<2.5	2.5	6010
Lead (Pb)	890	320	100	230	<1.0	1.0	6010
Mercury (Hg)*	0.32	0.43	0.14	0.49	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	5.7	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	27	22	17	19	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	26	26	21	19	<0.5	0.5	6010
Zinc (Zn)	330	550	180	200	<10	10	6010
DF	1	1	1	1	1		

*Mercury analyzed on 07/07/98.

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		07/21/98		07/21/98	07/21/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	98	70-130	72	75	60-130	4.1	0-25
Arsenic (As)	6010	94	78-104	98	105	34-135	7.8	0-15
Barium (Ba)	6010	87	81-117	83	82	56-130	1.2	0-25
Beryllium (Be)	6010	92	70-130	86	92	70-130	6.7	0-25
Cadmium (Cd)	6010	98	75-104	99	95	73-115	7.5	0-15
Chromium (Cr)	6010	99	81-103	83	90	62-125	8.1	0-15
Cobalt (Co)	6010	96	70-130	98	92	70-130	4.4	0-25
Copper (Cu)	6010	105	70-130	41**	251**	70-140	144*	0-25
Lead (Pb)	6010	99	76-104	77	75	48-120	2.6	0-30
Mercury (Hg)*	7471	103	76-121	156**	116	70-135	29	0-30
Molybdenum (Mo)	6010	96	70-130	82	86	70-130	4.8	0-25
Nickel (Ni)	6010	95	70-130	249**	90	70-130	94**	0-25
Selenium (Se)	6010	96	79-102	83	90	42-120	8.1	0-15
Silver (Ag)	6010	92	77-107	89	90	53-115	1.1	0-10
Thallium (Tl)	6010	96	70-130	95	100	70-130	5.1	0-25
Vanadium (V)	6010	96	70-130	82	88	70-130	7.1	0-25
Zinc (Zn)	6010	111	70-130	43**	46**	70-130	6.7	0-25

*Mercury analyzed on 07/07/98.
**Sample matrix effect.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
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Tel: 562-498 9515
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Pace Analytical

Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB62-2-1	TTB62-2-3	TTB62-2-5	TTB62-1-1	TTB62-1-3	TTB62-1-5	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/22/98	07/22/98	07/22/98	07/22/98	07/22/98	07/22/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.1	<5.0	8.0	7.9	7.4	5.2	5.0	6010
Barium (Ba)	43	29	52	84	270	39	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.5	0.5	<0.5	0.5	6010
Chromium (Cr)	26	28	31	32	32	26	0.5	6010
Cobalt (Co)	4.1	4.9	4.2	7.2	4.6	3.8	1.0	6010
Copper (Cu)	57	62	110	48	53	49	2.5	6010
Lead (Pb)	340	76	210	140	220	70	1.0	6010
Mercury (Hg)*	0.46	0.17	0.53	0.32	0.30	0.25	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	5.7	<2.5	4.3	<2.5	2.5	6010
Nickel (Ni)	17	22	19	30	20	16	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	21	23	24	26	24	23	0.5	6010
Zinc (Zn)	130	99	190	110	200	86	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/07/98.

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PACE ANALYTICAL Project#:980624-05
PACE ANALYTICAL WO#: 13482A
Client ID# 575-8G001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB62-1-10	TTB66-4-1	TTB66-4-3	TTB66-4-5	TTB66-4-10	TTB66-1-1	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/22/98	07/22/98	07/22/98	07/22/98	07/22/98	07/22/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.5	18	5.7	5.1	5.8	13	5.0	6010
Barium (Ba)	59	190	39	54	53	120	10	6010
Beryllium (Be)	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.6	<0.5	<0.5	<0.5	0.6	0.5	6010
Chromium (Cr)	30	21	24	28	15	24	0.5	6010
Cobalt (Co)	4.3	15	3.8	3.9	4.3	9.0	1.0	6010
Copper (Cu)	54	30	170	43	14	58	2.5	6010
Lead (Pb)	140	10	67	200	15	160	1.0	6010
Mercury (Hg)*	0.58	0.16	0.39	0.49	0.32	0.41	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.6	2.5	6010
Nickel (Ni)	18	41	15	18	11	31	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	24	24	19	23	17	23	0.5	6010
Zinc (Zn)	140	73	56	170	37	100	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/07/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980624-05
PACE ANALYTICAL WO#: 13482A
Client ID#:575-8G001

Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB66-1-3	TTB66-1-5	TTB66-1-10	TTB68-1-1	TTB68-1-3	TTB68-1-5		EPA
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	PRL mg/kg	Method
Date Analyzed:	07/22/98	07/22/98	07/22/98	07/22/98	07/22/98	07/22/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	7.0	5.5	5.8	13	5.6	<5.0	5.0	6010
Barium (Ba)	63	50	65	190	58	26	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.9	0.6	1.0	0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	45	24	77	25	28	29	0.5	6010
Cobalt (Co)	4.8	4.0	4.2	13	4.1	3.6	1.0	6010
Copper (Cu)	200	120	150	35	19	13	2.5	6010
Lead (Pb)	340	270	350	61	77	56	1.0	6010
Mercury (Hg)*	0.47	0.29	0.64	0.11	0.38	0.24	0.05	7471
Molybdenum (Mo)	29	5.0	12	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	91	21	22	36	17	16	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	20	24	23	24	23	22	0.5	6010
Zinc (Zn)	340	210	340	75	88	43	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/07/98.

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Pace Analytical

PACE ANALYTICAL Project#:980624-05
PACE ANALYTICAL WO#: 13482A
Client ID#:575-8G001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB58-1-10	TTB69-1-1	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/22/98	07/22/98	07/22/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.2	16	<5.0	5.0	6010
Barium (Ba)	29	210	<10	10	6010
Beryllium (Be)	<0.5	0.7	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	30	24	<0.5	0.5	6010
Cobalt (Co)	4.8	15	<1.0	1.0	6010
Copper (Cu)	16	37	<2.5	2.5	6010
Lead (Pb)	280	23	<1.0	1.0	6010
Mercury (Hg)*	0.29	0.07	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	18	41	<1.0	1.0	6010
Selenium (Se)	<2.5	6.1	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	23	25	<0.5	0.5	6010
Zinc (Zn)	60	77	<10	10	6010
DF	1	1	1		

*Mercury analyzed on 07/07/98.

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Pace Analytical

PACE ANALYTICAL Project#:980624-05
PACE ANALYTICAL WO#: 13482A
Client ID#:575-8C001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		07/22/98		07/22/98	07/22/98			
Analyte	EPA Method							
Antimony (Sb)	6010	91	70-130	80	73	60-130	9.2	0-25
Arsenic (As)	6010	92	78-104	94	92	34-135	2.2	0-15
Barium (Ba)	6010	95	81-117	93	102	55-130	9.2	0-25
Beryllium (Be)	6010	93	70-130	95	94	70-130	1.1	0-25
Cadmium (Cd)	6010	90	75-104	101	89	73-115	13	0-15
Chromium (Cr)	6010	95	81-103	100	95	62-125	5.1	0-15
Cobalt (Co)	6010	94	70-130	95	90	70-130	5.4	0-25
Copper (Cu)	6010	97	70-130	91	92	70-140	1.1	0-25
Lead (Pb)	6010	92	76-104	96	92	48-120	6.7	0-30
Mercury (Hg)*	7471	98	76-121	108	121	70-135	11	0-30
Molybdenum (Mo)	6010	96	70-130	94	90	70-130	4.3	0-25
Nickel (Ni)	6010	93	70-130	103	94	70-130	9.1	0-25
Selenium (Se)	6010	94	79-102	90	97	42-120	3.4	0-16
Silver (Ag)	6010	88	77-107	92	89	53-115	3.3	0-19
Thallium (Tl)	6010	94	70-130	82	81	70-130	1.2	0-25
Vanadium (V)	6010	97	70-130	102	98	70-130	4.0	0-25
Zinc (Zn)	6010	96	70-130	89	83	70-130	7.0	0-25

*Mercury analyzed on 07/07/98.

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Pace Analytical

PACE ANALYTICAL Project#:980624-05
PACE ANALYTICAL WO#: 13482A
Client ID# 575-8G001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB69-1-3	TTB69-1-5	TTB69-1-10	TTB68-2-1	TTB68-2-3	TTB68-2-5		EPA
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	PRL mg/kg	Method
Date Analyzed:	07/22/98	07/22/98	07/22/98	07/22/98	07/22/98	07/22/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	5.2	5.1	14	<5.0	12	5.0	6010
Barium (Ba)	21	40	40	150	31	25	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	0.9	0.5	6010
Chromium (Cr)	24	26	25	22	30	33	0.5	6010
Cobalt (Co)	3.5	3.8	3.6	15	3.6	4.6	1.0	6010
Copper (Cu)	8.4	23	19	28	21	53	2.5	6010
Lead (Pb)	33	99	81	11	67	960	1.0	6010
Mercury (Hg)*	0.16	0.31	0.29	0.09	0.24	0.17	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	16	17	16	37	16	18	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	18	21	20	20	19	25	0.5	6010
Zinc (Zn)	56	82	95	57	76	95	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/07/98.

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Pace Analytical

PACE ANALYTICAL Project#:980624-05
PACE ANALYTICAL WO#: 13482A
Client ID#:575 8G001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB68-2-10	TTB69-2-1	TTB69-2-3	TTB69-2-5	TTB68-3-1	TTB68-3-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/22/98	07/22/98	07/22/98	07/22/98	07/22/98	07/22/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	<5.0	14	<5.0	<5.0	19	6.3	5.0	6010
Barium (Ba)	17	190	18	35	170	35	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.6	<0.5	<0.5	0.6	<0.5	0.5	6010
Chromium (Cr)	30	30	30	25	20	36	0.5	6010
Cobalt (Co)	3.7	15	3.7	3.3	16	4.8	1.0	6010
Copper (Cu)	40	35	13	7.6	24	36	2.5	6010
Lead (Pb)	29	57	280	68	12	87	1.0	6010
Mercury (Hg)*	0.22	0.18	0.18	0.22	0.25	0.23	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	17	39	16	15	40	20	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	22	25	22	18	23	28	0.5	6010
Zinc (Zn)	61	82	45	50	81	110	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/07/98.

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Pace Analytical

PACE ANALYTICAL Project#:980924-05
PACE ANALYTICAL WO#: 13482A
Client ID#:575-BG001

Analyst:	BJ
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB68-4-1	TTB68-4-3	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/22/98	07/22/98	07/22/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	15	6.7	<5.0	5.0	6010
Barium (Ba)	120	57	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	23	29	<0.5	0.5	6010
Cobalt (Co)	11	5.0	<1.0	1.0	6010
Copper (Cu)	24	25	<2.5	2.5	6010
Lead (Pb)	20	110	<1.0	1.0	6010
Mercury (Hg)*	0.14	0.34	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	36	19	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	23	22	<0.5	0.5	6010
Zinc (Zn)	51	110	<10	10	6010
DF	1	1	1		

*Mercury analyzed on 07/07/98.

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Pace Analytical

PACE ANALYTICAL Project#:980624-05
PACE ANALYTICAL WO#: 13482A
Client ID#:575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		07/22/98		07/22/98	07/22/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	92	70-130	70	69	60-130	1.4	0-25
Arsenic (As)	6010	91	78-104	90	86	34-135	4.5	0-15
Barium (Ba)	6010	95	81-117	94	89	55-130	5.5	0-25
Beryllium (Be)	6010	93	70-130	92	87	70-130	5.6	0-25
Cadmium (Cd)	6010	91	75-104	87	84	73-115	3.5	0-15
Chromium (Cr)	6010	96	81-103	104	91	62-125	13	0-15
Cobalt (Co)	6010	93	70-130	88	84	70-130	4.7	0-25
Copper (Cu)	6010	96	70-130	106	100	70-140	5.8	0-25
Lead (Pb)	6010	94	76-104	84	84	48-120	0.0	0-30
Mercury (Hg)*	7471	103	76-121	71	67	70-135	6.0	0-30
Molybdenum (Mo)	6010	95	70-130	87	84	70-130	3.5	0-25
Nickel (Ni)	6010	93	70-130	92	87	70-130	5.6	0-25
Selenium (Se)	6010	94	79-102	85	77	42-120	9.9	0-16
Silver (Ag)	6010	89	77-107	89	86	53-115	3.4	0-19
Thallium (Tl)	6010	93	70-130	80	76	70-130	5.1	0-25
Vanadium (V)	6010	96	70-130	99	88	70-130	12	0-25
Zinc (Zn)	6010	97	70-130	83	78	70-130	6.2	0-25

*Mercury analyzed on 07/07/98.

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Fax: 562-597-0786

Pace Analytical

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	WTTB69-1	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	
Date Analyzed:	06/30/98	06/30/98		
Analyte				
Antimony (Sb)	<0.13	<0.13	0.13	6010
Arsenic (As)	0.13	<0.13	0.13	6010
Barium (Ba)	<0.25	<0.25	0.25	6010
Beryllium (Be)	<0.013	<0.013	0.013	6010
Cadmium (Cd)	<0.013	<0.013	0.013	6010
Chromium (Cr)	<0.013	<0.013	0.013	6010
Cobalt (Co)	<0.025	<0.025	0.025	6010
Copper (Cu)	<0.0625	<0.0625	0.0625	6010
Lead (Pb)	<0.025	<0.025	0.025	6010
Mercury (Hg)	<0.0002	<0.0002	0.0002	7470
Molybdenum (Mo)	<0.0625	<0.0625	0.0625	6010
Nickel (Ni)	<0.013	<0.013	0.013	6010
Selenium (Se)	<0.0625	<0.0625	0.0625	6010
Silver (Ag)	<0.013	<0.013	0.013	6010
Thallium (Tl)	<0.13	<0.13	0.13	6010
Vanadium (V)	<0.013	<0.013	0.013	6010
Zinc (Zn)	<0.25	<0.25	0.25	6010
DF	1	1		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980624-05
PACE ANALYTICAL WO#: 13482A
Client ID#:575-BG001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		06/30/98		06/30/98	06/30/98			
Analyte	EPA Method							
Antimony (Sb)	6010	100	70-130	102	102	70-130	0.0	0-25
Arsenic (As)	6010	100	70-130	102	102	79-118	0.0	0-9
Barium (Ba)	6010	98	70-130	104	104	76-114	0.0	0-9
Beryllium (Be)	6010	99	70-130	99	99	70-130	0.0	0-25
Cadmium (Cd)	6010	99	70-130	102	102	78-108	0.0	0-9
Chromium (Cr)	6010	98	70-130	101	102	75-108	1.0	0-9
Cobalt (Co)	6010	99	70-130	100	100	70-130	0.0	0-25
Copper (Cu)	6010	99	70-130	104	104	70-130	0.0	0-25
Lead (Pb)	6010	99	70-130	104	103	74-106	1.0	0-9
Mercury (Hg)	7470	99	70-130	84	84	80-122	0.0	0-10
Molybdenum (Mo)	6010	99	70-130	101	101	70-130	0.0	0-25
Nickel (Ni)	6010	99	70-130	100	100	70-130	0.0	0-25
Selenium (Se)	6010	99	70-130	106	106	77-120	0.0	0-10
Silver (Ag)	6010	101	70-130	84	84	69-110	0.0	0-8
Thallium (Tl)	6010	97	70-130	103	103	70-130	0.0	0-25
Vanadium (V)	6010	99	70-130	102	102	70-130	0.0	0-25
Zinc (Zn)	6010	98	70-130	102	102	70-130	0.0	0-25

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Pace Analytical

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Petroleum Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	06/27/98	<10	---	10	1
TTB68-4-10	06/27/98	<10	---	10	1
TTB67-2-10	06/27/98	<10	---	10	1
TTB62-4-10	06/27/98	<10	---	10	1
TTB62-2-5	06/27/98	<10	---	10	1
TTB62-1-10	06/27/98	<10	---	10	1
TTB66-1-10	06/27/98	<10	---	10	1
TTB68-1-10	06/27/98	<10	---	10	1
TTB69-1-10	06/27/98	<10	---	10	1
TTB68-2-10	06/27/98	<10	---	10	1
TTB69-2-5	06/27/98	<10	---	10	1
TTB68-3-10	06/27/98	<10	---	10	1
TTB67-3-10	06/27/98	<10	---	10	1
TTB62-4-3	07/02/98	<10	---	10	1
TTB62-4-1	07/02/98	<10	---	10	1
TTB62-4-5	07/02/98	<10	---	10	1
TTB68-1-3	07/08/98	<10	---	10	1
TTB66-1-5	07/08/98	<10	---	10	1
TTB68-1-3	07/08/98	<10	---	10	1
TTB68-1-5	07/08/98	<10	---	10	1
TTB68-2-5	07/08/98	<10	---	10	1
TTB68-3-5	07/08/98	<10	---	10	1
TTB68-4-5	07/08/98	40	C20-C40 Oil	10	1
TTB66-4-5	07/08/98	<10	---	10	1

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/27/98		06/27/98	06/27/98			
TPH-Speciation	91	80-120	108	123	70-130	13	0-30

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/02/98		07/02/98	07/02/98			
TPH-Speciation	111	80-120	121	125	70-130	3.3	0-30

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/02/98		07/02/98	07/02/98			
TPH-Speciation	95	80-120	99	113	70-130	13	0-30

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/08/98		07/08/98	07/08/98			
TPH-Speciation	116	80-120	98	92	70-130	4.3	0-30

REPORT OF LABORATORY ANALYSIS

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PACE ANALYTICAL Project#:860824-05
PACE ANALYTICAL WO#: 13452A
Client ID#:575-sGu01

Analyst: AN/WK
Preparation Analyst: AN/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	07/09/98	<10	---	10	1
TTB68-4-3	07/09/98	<10	---	10	1
TTB67-2-3	07/09/98	<10	---	10	1
TTB67-2-5	07/09/98	<10	---	10	1
TTB67-3-3	07/09/98	<10	---	10	1
TTB67-3-5	07/09/98	<10	---	10	1
TTB69-1-3	07/09/98	<10	---	10	1
TTB62-1-3	07/09/98	<10	---	10	1
TTB62-1-5	07/09/98	<10	---	10	1
TTB62-2-1	07/09/98	50	C20-C40 Oil	10	1
TTB62-2-3	07/09/98	<10	---	10	1
TTB68-2-3	07/09/98	<10	---	10	1
TTB68-3-3	07/09/98	<10	---	10	1
TTB69-2-3	07/09/98	<10	---	10	1
TTB66-4-1	07/09/98	<10	---	10	1
TTB66-4-3	07/09/98	<10	---	10	1
TTB69-2-1	07/09/98	60	C20-C36 Oil	10	1
TTB68-1-1	07/09/98	100	C14-C40 Oil	10	1
TTB68-1-1	07/09/98	40	C20-C36 Oil	10	1
TTB69-1-1	07/09/98	230	C14-C40 Oil	10	1
TTB68-3-1	07/10/98	80	C14-C40 Oil	10	1
TTB68-2-1	07/10/98	120	C14-C40 Oil	10	1
TTB67-3-1	07/10/98	90	C14-C40 Oil	10	1
TTB67-2-1	07/10/98	390	C14-C40 Oil	10	1
TTB62-1-1	07/10/98	380	C14-C40 Oil	10	1
TTB68-4-1	07/10/98	80	C14-C40 Oil	10	1
TTB69-1-5	07/10/98	<10	---	10	1

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: AN/WK
Preparation Analyst: AN/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/09/98		07/09/98	07/09/98			
TPH-Speciation	88	80-120	122	122	70-130	0.0	0-30

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/10/98		07/10/98	07/10/98			
TPH-Speciation	110	80-120	101	85	70-130	17	0-30

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Pace Analytical

PACE ANALYTICAL Project#:980824-05
PACE ANALYTICAL WO#: 13482A
Client ID#:575-8G001

Analyst: AN/WK
Preparation Analyst: AN/WK

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/L	Carbon Range	PRL mg/L	DF
Client ID:	Analysis Date				
Method Blank	07/10/98	<0.5	—	0.5	1
WTTB69-1	07/10/98	<0.5	---	0.5	1

REPORT OF LABORATORY ANALYSIS

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PACE ANALYTICAL Project#:980824-05
PACE ANALYTICAL WO#: 13482A
Client ID# 575-GG001

QUALITY CONTROL/QUALITY ASSURANCE REPORT

Analyst: AN/WK
Preparation Analyst: AN/WK

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis date:	07/10/98		07/10/98	07/10/98			
TPH-Speciation	85	80-120	89	88	70-130	1.1	0-30

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Pace Analytical

PACE ANALYTICAL Project# 980624-05
PACE ANALYTICAL WO#: 13483A
Client ID#:575-BG001

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTB62-1-1	TTB62-1-3	TTB62-1-5	TTB62-1-10	TTB66-1-1	TTB66-1-3	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/26/98	06/26/98	06/26/98	06/26/98	06/26/98	06/26/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	90	93	96	95	90	90	59-134

Client ID:	TTB66-1-5	TTB66-1-10	TTB68-1-1	TTB68-1-3	TTB68-1-5	TTB68-1-10	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/26/98	06/26/98	06/26/98	06/26/98	06/26/98	06/26/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	90	92	87	91	92	92	59-134

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Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTB69-1-1	TTB69-1-3	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	06/26/98	06/26/98	06/26/98	
Analyte				
Benzene	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	15
DF	1	1	1	
Surrogate Recovery %:				Acceptable Range:
a,a,a-Trifluorotoluene	92	92	98	59-134

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Pace Analytical

PACE ANALYTICAL Project#:980824-05
PACE ANALYTICAL WO#: 13482A
Client ID#:575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/26/98		06/26/98	06/26/98			
Analyte							
Benzene	97	74-116	99	94	72-115	5.2	0-26
Toluene	97	73-116	101	96	70-114	5.1	0-22
Ethylbenzene	99	75-119	103	99	68-119	4.0	0-24
Total Xylenes	98	78-120	103	97	74-117	6.0	0-22

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/26/98		06/26/98	06/26/98			
Analyte							
Benzene	98	74-116	96	95	72-115	1.0	0-26
Toluene	99	73-116	98	96	70-114	2.1	0-22
Ethylbenzene	100	75-118	101	97	68-119	4.0	0-24
Total Xylenes	101	78-120	100	96	74-117	4.1	0-22

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PACE ANALYTICAL Project#:000824-05
PACE ANALYTICAL WO#: 13482A
Client ID#:575-6C001

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTB69-1-5	TTB69-1-10	TTB68-3-1	TTB68-3-3	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98	
Analyte						
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	
Surrogate Recovery %:						Acceptable Range:
a,a,a-Trifluorotoluene	99	96	94	94	86	59-134

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Pace Analytical

PACE ANALYTICAL Project#:980824-05
PACE ANALYTICAL WO#: 13492A
Client ID#:575-6C001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/29/98		06/29/98	06/29/98			
Analyte							
Benzene	95	74-116	86	87	72-115	2.3	0-26
Toluene	96	73-116	87	89	70-114	2.3	0-22
Ethylbenzene	97	75-118	91	91	68-119	0.0	0-24
Total Xylenes	95	78-120	89	92	74-117	3.3	0-22

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project# 980824-05
PACE ANALYTICAL WO#: 13462A
Client ID#:575-8G001

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	WTTB69-1	Method Blank	MDL
Units:	µg/L	µg/L	µg/L
Analysis Date:	08/25/98	08/25/98	
Analyte			
Benzene	<0.3	<0.3	0.3
Toluene	<0.3	<0.3	0.3
Ethylbenzene	<0.6	<0.6	0.6
Total Xylenes	<0.6	<0.6	0.6
DF	1	1	
Surrogate Recovery %:			**Acceptable Range:**
a,a,a-Trifluorotoluene	92	92	62-131

REPORT OF LABORATORY ANALYSIS

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PACE ANALYTICAL Project#:980624-05
PACE ANALYTICAL WO#: 13482A
Client ID#:575-8C001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/25/98		06/25/98	06/25/98			
Analyte							
Benzene	88	80-120	92	83	61-127	10	0-21
Toluene	93	80-120	95	86	61-116	11	0-16
Ethylbenzene	96	80-120	96	87	62-117	9.8	0-20
Total Xylenes	96	80-120	98	90	68-125	8.5	0-21

REPORT OF LABORATORY ANALYSIS

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

July 21, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on June 25, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Frout

Carolynne Frout
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

DATE: 07/21/98

ace Analytical Long Beach SC
) Gilman Street
Beach, CA 90815

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

: Mr. Richard Villafania
h..e: (562)498-9515

d results are reported on a wet weight basis

ace Sample No: 10703775 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB62-2-1 Date Received: 06/25/98

a meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
· Semi-VOA							
PCB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/06/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/06/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/06/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/06/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/06/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	0.057	mg/kg	0.03	07/06/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/06/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	85	%		07/06/98	SJW	877-09-8	
Decachlorobiphenyl (S)	70	%		07/06/98	SJW	2051-24-3	
Date Extracted				07/01/98			
C/MS -- VOA							
/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 1348ZA

Sample No: 10703775 Date Collected: 06/23/98 Matrix: Soil
Client Sample ID: TTB62-2-1 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Chloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
Ethylbenzene	4.5	ug/kg	5	07/07/98	TAW	100-41-4	1
M&P-Xylene	20	ug/kg	5	07/07/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	7.7	ug/kg	5	07/07/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703775 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB62-2-1 Date Received: 06/25/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
Acetone	9.8	ug/kg	20	07/07/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
rt-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
Dibromofluoromethane (S)	92	%		07/07/98	TAW	1868-53-7	
Toluene-d8 (S)	102	%		07/07/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	100	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%		07/07/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

mple No: 10703783 Date Collected: 06/23/98 Matrix: Soil
Sample ID: TTB62-2-3 Date Received: 06/25/98

...ters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Semi-VOA							
...in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
...-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/05/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/05/98	SJW	11104-28-2	
...-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/05/98	SJW	11141-16-5	
...-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/05/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/05/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/05/98	SJW	11097-69-1	
...-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/05/98	SJW	11096-82-5	
...rachloro-meta-xylene (S)	94	%		07/05/98	SJW	877-09-8	
Decachlorobiphenyl (S)	87	%		07/05/98	SJW	2051-24-3	
Date Extracted				07/01/98			
... VOA							
...MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
...'prodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
...omethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
B...momethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
...oroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
...chlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
...-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
...ns-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
...-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
...oroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
...bon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
...-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
...2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
...chloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
...-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ple No: 10703783 Date Collected: 06/23/98 Matrix: Soil
ample ID: TTB62-2-3 Date Received: 06/25/98

ters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
lomomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
oluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
.2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
achloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
ibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
robenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
thylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
lene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
tyrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
romoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	
ropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
romobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
ylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
rotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
,3,5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
hlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
ert-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
sopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
,4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	
-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
,2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
exachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
hthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
rans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
is-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
hloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
tone	8.9	ug/kg	20	07/07/98	TAW	67-64-1	1,2,3
-Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ple No: 10703783 Date Collected: 06/23/98 Matrix: Soil
ample ID: TTB62-2-3 Date Received: 06/25/98

ters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
...thyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
arbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
" xanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
l 1 Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
s.yl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
thanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
s ropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
t l-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
ert-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
-Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
l omofluoromethane (S)	90	%		07/07/98	TAW	1868-53-7	
e ene-d8 (S)	100	%		07/07/98	TAW	2037-26-5	
-Bromofluorobenzene (S)	98	%		07/07/98	TAW	460-00-4	
.2-Dichloroethane-d4 (S)	102	%		07/07/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

mple No: 10703791 Date Collected: 06/23/98 Matrix: Soil
Sample ID: TTB62-1-1 Date Received: 06/25/98

...ters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
...platile Organics	Method: EPA 8270				Prep Method: EPA 3550		
...enol	ND	ug/kg	330	07/08/98	SAC	108-95-2	
...is(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
2 ...hlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
...-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
...4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
...-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
2 ...ethylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
...is(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
N ...itroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
H ...achloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
...sophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
2 ...rophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
2, ...imethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
...(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
2 ...-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
4 ...hloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
H ...achlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
H ...achlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
2 ...,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2 ...itroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
...ethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
2 ...-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
3 ...itroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
A...naphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

mple No: 10703791 Date Collected: 06/23/98 Matrix: Soil
Sample ID: TTB62-1-1 Date Received: 06/25/98

ers	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
2 -Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
thylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
itroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
achlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
tachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
n-butylphthalate	80	ug/kg	330	07/08/98	SAC	84-74-2	1
Fluoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0	
Pyrene	110	ug/kg	330	07/08/98	SAC	129-00-0	1
tylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7	
Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
(2-Ethylhexyl)phthalate	670	ug/kg	330	07/08/98	SAC	117-81-7	
n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
zo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
eno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
robenzene-d5 (S)	95	%		07/08/98	SAC	4165-60-0	
fluorobiphenyl (S)	98	%		07/08/98	SAC	321-60-8	
Terphenyl-d14 (S)	194	%		07/08/98	SAC	1718-51-0	4
Phenol-d6 (S)	78	%		07/08/98	SAC	13127-88-3	
fluorophenol (S)	69	%		07/08/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	100	%		07/08/98	SAC	118-79-6	
Date Extracted				07/02/98			

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

mple No: 10703809 Date Collected: 06/23/98 Matrix: Soil
Sample ID: TTB62-1-3 Date Received: 06/25/98

ers	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
olatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/07/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/07/98	SAC	111-44-4	
2 hlorophenol	ND	ug/kg	330	07/07/98	SAC	95-57-8	
1 -Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/07/98	SAC	100-51-6	
1 -Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	95-50-1	
2 ethylphenol	ND	ug/kg	330	07/07/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/07/98	SAC	39638-32-9	
4 ethylphenol	ND	ug/kg	330	07/07/98	SAC	106-44-5	
N itroso-di-n-propylamine	ND	ug/kg	330	07/07/98	SAC	621-64-7	
H achloroethane	ND	ug/kg	330	07/07/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/07/98	SAC	98-95-3	
I horone	ND	ug/kg	330	07/07/98	SAC	78-59-1	
2 rophenol	ND	ug/kg	330	07/07/98	SAC	88-75-5	
2,- Dimethylphenol	ND	ug/kg	330	07/07/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/07/98	SAC	65-85-0	
t (2-Chloroethoxy)methane	ND	ug/kg	330	07/07/98	SAC	111-91-1	
2 -Dichlorophenol	ND	ug/kg	330	07/07/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/07/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/07/98	SAC	91-20-3	
4 hloroaniline	ND	ug/kg	660	07/07/98	SAC	106-47-8	
H achlorobutadiene	ND	ug/kg	330	07/07/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/07/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/07/98	SAC	91-57-6	
H achlorocyclopentadiene	ND	ug/kg	330	07/07/98	SAC	77-47-4	
2 ,6-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/07/98	SAC	91-58-7	
2 itroaniline	ND	ug/kg	1600	07/07/98	SAC	88-74-4	
D ethylphthalate	ND	ug/kg	330	07/07/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/07/98	SAC	208-96-8	
2 ,6-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	606-20-2	
3 itroaniline	ND	ug/kg	1600	07/07/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/07/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/07/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ple No: 10703809 Date Collected: 06/23/98 Matrix: Soil
Sample ID: TTB6Z-1-3 Date Received: 06/25/98

ers	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-Nitrophenol	ND	ug/kg	1600	07/07/98	SAC	100-02-7	
ibenzofuran	ND	ug/kg	330	07/07/98	SAC	132-64-9	
-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	121-14-2	
thylphthalate	ND	ug/kg	330	07/07/98	SAC	84-66-2	
-Chlorophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	7005-72-3	
luorene	ND	ug/kg	330	07/07/98	SAC	86-73-7	
troaniline	ND	ug/kg	1600	07/07/98	SAC	100-01-6	
Dinitro-2-methylphenol	ND	ug/kg	1600	07/07/98	SAC	534-52-1	
-Nitrosodiphenylamine	ND	ug/kg	330	07/07/98	SAC	86-30-6	
-Bromophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	101-55-3	
achlorobenzene	ND	ug/kg	330	07/07/98	SAC	118-74-1	
tachlorophenol	ND	ug/kg	1600	07/07/98	SAC	87-86-5	
henanthrene	ND	ug/kg	330	07/07/98	SAC	85-01-8	
nthracene	ND	ug/kg	330	07/07/98	SAC	120-12-7	
n-butylphthalate	ND	ug/kg	330	07/07/98	SAC	84-74-2	
branthene	ND	ug/kg	330	07/07/98	SAC	206-44-0	
yrene	ND	ug/kg	330	07/07/98	SAC	129-00-0	
ylbenzylphthalate	ND	ug/kg	330	07/07/98	SAC	85-68-7	
)ichlorobenzidine	ND	ug/kg	660	07/07/98	SAC	91-94-1	
(a)anthracene	ND	ug/kg	330	07/07/98	SAC	56-55-3	
hrysene	ND	ug/kg	330	07/07/98	SAC	218-01-9	
(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/07/98	SAC	117-81-7	
n-octylphthalate	ND	ug/kg	330	07/07/98	SAC	117-84-0	
enzo(b)fluoranthene	ND	ug/kg	330	07/07/98	SAC	205-99-2	
enzo(k)fluoranthene	ND	ug/kg	330	07/07/98	SAC	207-08-9	
zo(a)pyrene	ND	ug/kg	330	07/07/98	SAC	50-32-8	
eno(1,2,3-cd)pyrene	ND	ug/kg	330	07/07/98	SAC	193-39-5	
ibenz(a,h)anthracene	ND	ug/kg	330	07/07/98	SAC	53-70-3	
enzo(g,h,i)perylene	ND	ug/kg	330	07/07/98	SAC	191-24-2	
robenzene-d5 (S)	85	%		07/07/98	SAC	4165-60-0	
luorobiphenyl (S)	92	%		07/07/98	SAC	321-60-8	
erphenyl-d14 (S)	132	%		07/07/98	SAC	1718-51-0	
henol-d6 (S)	68	%		07/07/98	SAC	13127-88-3	
luorophenol (S)	60	%		07/07/98	SAC	367-12-4	
.6-Tribromophenol (S)	82	%		07/07/98	SAC	118-79-6	
ate Extracted				07/02/98			

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

mple No: 10703817 Date Collected: 06/23/98 Matrix: Soil
Sample ID: TTB62-1-5 Date Received: 06/25/98

ers	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
platile Organics	Method: EPA 8270				Prep Method: EPA 3550		
henol	ND	ug/kg	330	07/07/98	SAC	108-95-2	
is(2-Chloroethyl)ether	ND	ug/kg	330	07/07/98	SAC	111-44-4	
hlorophenol	ND	ug/kg	330	07/07/98	SAC	95-57-8	
-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	541-73-1	
,4-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	106-46-7	
enzyl Alcohol	ND	ug/kg	660	07/07/98	SAC	100-51-6	
-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	95-50-1	
ethylphenol	ND	ug/kg	330	07/07/98	SAC	95-48-7	
is(2-Chloroisopropyl)ether	ND	ug/kg	330	07/07/98	SAC	39638-32-9	
Methylphenol	ND	ug/kg	330	07/07/98	SAC	106-44-5	
itroso-di-n-propylamine	ND	ug/kg	330	07/07/98	SAC	621-64-7	
achloroethane	ND	ug/kg	330	07/07/98	SAC	67-72-1	
itrobenzene	ND	ug/kg	330	07/07/98	SAC	98-95-3	
horone	ND	ug/kg	330	07/07/98	SAC	78-59-1	
rophenol	ND	ug/kg	330	07/07/98	SAC	88-75-5	
Dimethylphenol	ND	ug/kg	330	07/07/98	SAC	105-67-9	
enzoic Acid	ND	ug/kg	1600	07/07/98	SAC	65-85-0	
(2-Chloroethoxy)methane	ND	ug/kg	330	07/07/98	SAC	111-91-1	
-Dichlorophenol	ND	ug/kg	330	07/07/98	SAC	120-83-2	
,2,4-Trichlorobenzene	ND	ug/kg	330	07/07/98	SAC	120-82-1	
aphthalene	ND	ug/kg	330	07/07/98	SAC	91-20-3	
hloroaniline	ND	ug/kg	660	07/07/98	SAC	106-47-8	
achlorobutadiene	ND	ug/kg	330	07/07/98	SAC	87-68-3	
-Chloro-3-methylphenol	ND	ug/kg	660	07/07/98	SAC	59-50-7	
-Methylnaphthalene	ND	ug/kg	330	07/07/98	SAC	91-57-6	
achlorocyclopentadiene	ND	ug/kg	330	07/07/98	SAC	77-47-4	
,6-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	88-06-2	
,4,5-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	95-95-4	
Chloronaphthalene	ND	ug/kg	330	07/07/98	SAC	91-58-7	
itroaniline	ND	ug/kg	1600	07/07/98	SAC	88-74-4	
ethylphthalate	ND	ug/kg	330	07/07/98	SAC	131-11-3	
cenaphthylene	ND	ug/kg	330	07/07/98	SAC	208-96-8	
,6-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	606-20-2	
itroaniline	ND	ug/kg	1600	07/07/98	SAC	99-09-2	
cenaphthene	ND	ug/kg	330	07/07/98	SAC	83-32-9	
,4-Dinitrophenol	ND	ug/kg	1600	07/07/98	SAC	51-28-5	

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Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703817 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB62-1-5 Date Received: 06/25/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/07/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/07/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/07/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/07/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/07/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/07/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/07/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/07/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/07/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/07/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/07/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/07/98	SAC	206-44-0	
Pyrene	83	ug/kg	330	07/07/98	SAC	129-00-0	1
Butylbenzylphthalate	ND	ug/kg	330	07/07/98	SAC	85-68-7	
,3'-Dichlorobenzidine	ND	ug/kg	660	07/07/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/07/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/07/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/07/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/07/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/07/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/07/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/07/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/07/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/07/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/07/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	40	%		07/07/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	38	%		07/07/98	SAC	321-60-8	
Terphenyl-d14 (S)	52	%		07/07/98	SAC	1718-51-0	
Phenol-d6 (S)	32	%		07/07/98	SAC	13127-88-3	
2-Fluorophenol (S)	28	%		07/07/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	39	%		07/07/98	SAC	118-79-6	
Date Extracted				07/02/98			

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703825 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB66-4-1 Date Received: 06/25/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- VOA							
/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703825 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB66-4-1 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
sopropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
,2,3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
-Propylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
,2,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
ert-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
-Isopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
,3-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
,2-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	
,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
exachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
ihthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
,2,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
is-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
Acetone	7.8	ug/kg	20	07/07/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	
-Methyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
arbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
ethyl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
thanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
thyl-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
ert-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
-Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
Dibromofluoromethane (S)	92	%		07/07/98	TAW	1868-53-7	
oluene-d8 (S)	100	%		07/07/98	TAW	2037-26-5	
-Bromofluorobenzene (S)	98	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%		07/07/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703833 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB66-4-3 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
/MS -- VOA							
MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
ichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
romomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
hloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
ethylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
rans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
is-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
hloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
bon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
,2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
richloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	
ibromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
oluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
,3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
ibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
hlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
thylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
tyrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703833 Date Collected: 06/23/98 Matrix: Soil
Sample ID: TTB66-4-3 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
Acetone	9.5	ug/kg	20	07/07/98	TAW	67-64-1	1,2
2-Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
Dibromofluoromethane (S)	94	%		07/07/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/07/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	104	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%		07/07/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 10482A

Sample No: 10703841 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB66-4-5 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
/MS -- VOA							
MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
romomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
hloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
ethylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
is-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
bon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
richloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	
ibromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
oluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703841 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB66-4-5 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
sopropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
,2,3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
-Propylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
',3,5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
,2,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
ert-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
-Isopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
,3-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
,2-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
exachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
aphthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
is-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
Acetone	10	ug/kg	20	07/07/98	TAW	67-64-1	1,2
2-Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	
-Methyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
arbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
inyl Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
thyl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
thanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
thyl-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
ert-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
-Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
Dibromofluoromethane (S)	94	%		07/07/98	TAW	1868-53-7	
oluene-d8 (S)	102	%		07/07/98	TAW	2037-26-5	
-Bromofluorobenzene (S)	104	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%		07/07/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703858 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB66-1-1 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- Semi-VOA							
ivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
henol	430	ug/kg	330	07/08/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703858 Date Collected: 06/23/98 Matrix: Soil
Sample ID: TTB66-1-1 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
ethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
xachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
ntachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
enanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
-n-butylphthalate	ND	ug/kg	330	07/08/98	SAC	84-74-2	
uoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0	
yrene	ND	ug/kg	330	07/08/98	SAC	129-00-0	
Butylbenzylphthalate	140	ug/kg	330	07/08/98	SAC	85-68-7	1
3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
o(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	530	ug/kg	330	07/08/98	SAC	117-81-7	
-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
nzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
deno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
benz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	90	%		07/08/98	SAC	4165-60-0	
Fluorobiphenyl (S)	93	%		07/08/98	SAC	321-60-8	
rphenyl-d14 (S)	130	%		07/08/98	SAC	1718-51-0	
Phenol-d6 (S)	77	%		07/08/98	SAC	13127-88-3	
Fluorophenol (S)	67	%		07/08/98	SAC	367-12-4	
4,6-Tribromophenol (S)	93	%		07/08/98	SAC	118-79-6	
ate Extracted				07/02/98			

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 1348ZA

Sample No: 10703866 Date Collected: 06/23/98 Matrix: Soil
Client Sample ID: TTB66-1-3 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/07/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/07/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/07/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/07/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/07/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/07/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/07/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/07/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/07/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/07/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/07/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/07/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/07/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/07/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/07/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/07/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/07/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/07/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/07/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/07/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/07/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/07/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/07/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/07/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/07/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/07/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/07/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/07/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ce Sample No: 10703866 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB66-1-3 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-Nitrophenol	ND	ug/kg	1600	07/07/98	SAC	100-02-7	
ibenzofuran	ND	ug/kg	330	07/07/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	121-14-2	
iethylphthalate	ND	ug/kg	330	07/07/98	SAC	84-66-2	
-Chlorophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	7005-72-3	
luorene	ND	ug/kg	330	07/07/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	100-01-6	
,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/07/98	SAC	534-52-1	
-Nitrosodiphenylamine	ND	ug/kg	330	07/07/98	SAC	86-30-6	
-Bromophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/07/98	SAC	118-74-1	
entachlorophenol	ND	ug/kg	1600	07/07/98	SAC	87-86-5	
henanthrene	ND	ug/kg	330	07/07/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/07/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/07/98	SAC	84-74-2	
luoranthene	ND	ug/kg	330	07/07/98	SAC	206-44-0	
yrene	ND	ug/kg	330	07/07/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/07/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/07/98	SAC	91-94-1	
nzo(a)anthracene	ND	ug/kg	330	07/07/98	SAC	56-55-3	
ysene	ND	ug/kg	330	07/07/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/07/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/07/98	SAC	117-84-0	
enzo(b)fluoranthene	ND	ug/kg	330	07/07/98	SAC	205-99-2	
enzo(k)fluoranthene	ND	ug/kg	330	07/07/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/07/98	SAC	50-32-8	
ndeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/07/98	SAC	193-39-5	
ibenz(a,h)anthracene	ND	ug/kg	330	07/07/98	SAC	53-70-3	
enzo(g,h,i)perylene	ND	ug/kg	330	07/07/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	80	%		07/07/98	SAC	4165-60-0	
-Fluorobiphenyl (S)	81	%		07/07/98	SAC	321-60-8	
erphenyl-d14 (S)	109	%		07/07/98	SAC	1718-51-0	
henol-d6 (S)	63	%		07/07/98	SAC	13127-88-3	
2-Fluorophenol (S)	58	%		07/07/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	61	%		07/07/98	SAC	118-79-6	
ate Extracted				07/02/98			

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Pace Project Number: 108166
Client Project ID: 980624-05 10482A

ce Sample No: 10703874 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB66-1-5 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
henol	ND	ug/kg	330	07/08/98	SAC	108-95-2	
is(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
is(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
exachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
itrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
sophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
zoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
is(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
aphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
cenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
cenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ace Sample No: 10703874 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB66-1-S Date Received: 06/25/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/08/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/08/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	270	ug/kg	330	07/08/98	SAC	117-81-7	1
Di-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	70	%		07/08/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	64	%		07/08/98	SAC	321-60-8	
Terphenyl-d14 (S)	61	%		07/08/98	SAC	1718-51-0	
Phenol-d6 (S)	59	%		07/08/98	SAC	13127-88-3	
2-Fluorophenol (S)	56	%		07/08/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	35	%		07/08/98	SAC	118-79-6	
Date Extracted				07/02/98			

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 10482A

ce Sample No: 10703882 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB69-1-1 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
henol	350	ug/kg	330	07/08/98	SAC	108-95-2	
is(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
enzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
is(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
exachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
itrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
sophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
zoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
is(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
aphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
imethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
cenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
cenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ce Sample No: 10703882 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB69-1-1 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
ibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
luorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
entachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
henanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
nthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
Di-n-butylphthalate	86	ug/kg	330	07/08/98	SAC	84-74-2	1
luoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0	
yrene	84	ug/kg	330	07/08/98	SAC	129-00-0	I
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
enzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
ysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	1700	ug/kg	330	07/08/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
enzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
enzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
ndeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
ibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
enzo(g,h,f)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	84	%		07/08/98	SAC	4165-60-0	
-Fluorobiphenyl (S)	78	%		07/08/98	SAC	321-60-8	
erphenyl-d14 (S)	128	%		07/08/98	SAC	1718-51-0	
henol-d6 (S)	78	%		07/08/98	SAC	13127-88-3	
2-Fluorophenol (S)	73	%		07/08/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	61	%		07/08/98	SAC	118-79-6	
ate Extracted				07/02/98			

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ce Sample No: 10703908 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TT869-1-3 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
... Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
henol	ND	ug/kg	330	07/08/98	SAC	108-95-2	
is(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
enzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
is(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
exachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
trobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
sophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
zoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
is(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
phthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
imethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
enaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
enaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ce Sample No: 10703908 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB69-1-3 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
benzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
luorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
entachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
henanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
nthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/08/98	SAC	84-74-2	
luoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0	
yrene	ND	ug/kg	330	07/08/98	SAC	129-00-0	
utylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
enzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
ysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/08/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
enzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
enzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
ndeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
benz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
enzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	76	%		07/08/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	71	%		07/08/98	SAC	321-60-8	
erphenyl-d14 (S)	86	%		07/08/98	SAC	1718-51-0	
enol-d6 (S)	87	%		07/08/98	SAC	13127-88-3	
2-Fluorophenol (S)	74	%		07/08/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	59	%		07/08/98	SAC	118-79-6	
ate Extracted				07/02/98			

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Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ce Sample No: 10703916 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB69-1-5 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
·· Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
henol	ND	ug/kg	330	07/08/98	SAC	108-95-2	
is(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
enzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
is(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
exachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
itrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
sophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
enzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
aphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
imethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
cenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
cenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ce Sample No: 10703916 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB69-1-5 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
ibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
iethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
luorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
entachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
henanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/08/98	SAC	84-74-2	
luoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0	
yrene	70	ug/kg	330	07/08/98	SAC	129-00-0	1
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
nzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
ysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/08/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
enzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
enzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
ndeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
ibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
enzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	74	%		07/08/98	SAC	4165-60-0	
-Fluorobiphenyl (S)	69	%		07/08/98	SAC	321-60-8	
erphenyl-d14 (S)	89	%		07/08/98	SAC	1718-51-0	
henol-d6 (S)	73	%		07/08/98	SAC	13127-88-3	
2-Fluorophenol (S)	62	%		07/08/98	SAC	367-12-4	
,4,6-Tribromophenol (S)	52	%		07/08/98	SAC	118-79-6	
ate Extracted				07/02/98			

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ce Sample No: 10703924 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB68-2-3 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
CB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/05/98	SJW	12674-11-2	
CB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/05/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/05/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/05/98	SJW	53469-21-9	
CB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/05/98	SJW	12672-29-6	
CB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/05/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/05/98	SJW	11096-82-5	
Tetrachloro-meta-xylene ($)	91	%		07/05/98	SJW	877-09-8	
ecachlorobiphenyl ($)	79	%		07/05/98	SJW	2051-24-3	
Date Extracted				07/01/98			
-- VOA							
C/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 8260	
Dichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
hloromethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
yl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
richlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
ethylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
romochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
,1-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
enzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
romodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ce Sample No: 10703924 Date Collected: 06/23/98 Matrix: Soil
; Sample ID: TTB68-2-3 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
bromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
luene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
bromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
hlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
hylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
yrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
omoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
1,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
omobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
2,3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
c-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
rt-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	
2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
xachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
2,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
ans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
s-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
etone	8.2	ug/kg	20	07/07/98	TAW	67-64-1	1,2
Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ce Sample No: 10703924 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB68-2-3 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-Methyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
arbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
lethyl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
thanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
ert-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
-Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
Dibromofluoromethane (S)	92	%		07/07/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/07/98	TAW	2037-26-5	
-Bromofluorobenzene (S)	102	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%		07/07/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ce Sample No: 10703932 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB68-2-5 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
CB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/05/98	SJW	12674-11-2	
CB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/05/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/05/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/05/98	SJW	53469-21-9	
CB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/05/98	SJW	12672-29-6	
CB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/05/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/05/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	102	%		07/05/98	SJW	877-09-8	
ecachlorobiphenyl (S)	98	%		07/05/98	SJW	2051-24-3	
Date Extracted				07/01/98			
-- VOA							
MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 8260	
Dichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
hloromethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
yl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
richlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
ethylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
romochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
,1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
,1-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
enzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
,2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
romodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ce Sample No: 10703932 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB68-2-5 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
dibromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
oluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
ibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
hylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
yrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
omoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
1,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
omobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
2,3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
4-chlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
c-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
rt-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
xachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
ans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
s-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
etone	8.4	ug/kg	20	07/07/98	TAW	67-64-1	1,2
Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	

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Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Pace Sample No: 10703932 Date Collected: 06/23/98 Matrix: Soil
Client Sample ID: TTB68-2-5 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
Dibromofluoromethane ($)	92	%		07/07/98	TAW	1868-53-7	
Toluene-d8 ($)	100	%		07/07/98	TAW	2037-26-5	
4-Bromofluorobenzene ($)	102	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 ($)	100	%		07/07/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703940 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB69-2-1 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
CB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/06/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/06/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/06/98	SJW	11141-16-5	
CB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/06/98	SJW	53469-21-9	
CB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/06/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/06/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/06/98	SJW	11096-82-5	
etrachloro-meta-xylene (S)	95	%		07/06/98	SJW	877-09-8	
ecachlorobiphenyl (S)	92	%		07/06/98	SJW	2051-24-3	
Date Extracted				07/01/98			
-- VOA							
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
promethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
nyl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
hloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
richlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
ethylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
rans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
hloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
romochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
,1-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
enzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
romodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703940 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB69-2-1 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
ibromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
etrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
,3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
hlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
tyrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	
sopropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
promobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
-Propylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
hlorotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
ec-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
,3-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
,4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	
,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
aphthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
rans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
cetone	8.4	ug/kg	20	07/07/98	TAW	67-64-1	1,2
-Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703940 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB69-2-1 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-Methyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
inyl Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
ethyl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
thyl-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
ert-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
ibromofluoromethane (S)	92	%		07/07/98	TAW	1868-53-7	
oluene-d8 (S)	104	%		07/07/98	TAW	2037-26-5	
-Bromofluorobenzene (S)	104	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%		07/07/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703973 Date Collected: 06/23/98 Matrix: Soil
Sample ID: TTB69-2-3 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
s in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
CB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/05/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/05/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/05/98	SJW	11141-16-5	
CB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/05/98	SJW	53469-21-9	
CB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/05/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/05/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/05/98	SJW	11096-82-5	
etrachloro-meta-xylene (S)	84	%		07/05/98	SJW	877-09-8	
.ecachlorobiphenyl (S)	74	%		07/05/98	SJW	2051-24-3	
Date Extracted				07/01/98			
-- VOA							
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 8260	
ichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
oromethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
inyl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
hloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
richlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
rans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
hloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
romochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
,1-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703973 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB69-2-3 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
,3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
m&P-Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
o-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
Acetone	9.4	ug/kg	20	07/07/98	TAW	67-64-1	1,2
2-Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	

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Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703973 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB69-2-3 Date Received: 06/25/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
Dibromofluoromethane (S)	92	%		07/07/98	TAW	1868-53-7	
Toluene-d8 (S)	102	%		07/07/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	100	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%		07/07/98	TAW	17060-07-0	

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Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703981 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB68-3-1 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
/MS -- Semi-VOA							
Volatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
henol	270	ug/kg	330	07/08/98	SAC	108-95-2	1
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

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Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703981 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB68-3-1 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
iethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
..-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
exachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
entachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
henanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
-n-butylphthalate	ND	ug/kg	330	07/08/98	SAC	84-74-2	
luoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/08/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7	
'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
zo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	280	ug/kg	330	07/08/98	SAC	117-81-7	1
-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
enzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
deno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
ibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
itrobenzene-d5 (S)	79	%		07/08/98	SAC	4165-60-0	
-Fluorobiphenyl (S)	75	%		07/08/98	SAC	321-60-8	
erphenyl-d14 (S)	122	%		07/08/98	SAC	1718-51-0	
Phenol-d6 (S)	80	%		07/08/98	SAC	13127-88-3	
-Fluorophenol (S)	74	%		07/08/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	58	%		07/08/98	SAC	118-79-6	
ate Extracted				07/02/98			

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703999 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB68-3-3 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
/MS -- Semi-VOA							
ivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
henol	ND	ug/kg	330	07/08/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10703999 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB68-3-3 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
iethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
exachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
entachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
henanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
i-n-butylphthalate	1400	ug/kg	330	07/08/98	SAC	84-74-2	
luoranthene	68	ug/kg	330	07/08/98	SAC	206-44-0	1
yrene	150	ug/kg	330	07/08/98	SAC	129-00-0	1
Butylbenzylphthalate	1400	ug/kg	330	07/08/98	SAC	85-68-7	3
3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
zo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	1900	ug/kg	330	07/08/98	SAC	117-81-7	
i-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
enzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
deno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
ibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	74	%		07/08/98	SAC	4165-60-0	
-Fluorobiphenyl (S)	70	%		07/08/98	SAC	321-60-8	
erphenyl-d14 (S)	117	%		07/08/98	SAC	1718-51-0	
Phenol-d6 (S)	64	%		07/08/98	SAC	13127-88-3	
-Fluorophenol (S)	61	%		07/08/98	SAC	367-12-4	
,4,6-Tribromophenol (S)	48	%		07/08/98	SAC	118-79-6	
ate Extracted				07/02/98			

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704005 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB68-3-5 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
/MS -- Semi-VOA							
ıtvolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
'henol	ND	ug/kg	330	07/08/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704005 Date Collected: 06/23/98 Matrix: Soil
Client Sample ID: TTB68-3-5 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
Di-n-butylphthalate	1600	ug/kg	330	07/08/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/08/98	SAC	129-00-0	
Butylbenzylphthalate	660	ug/kg	330	07/08/98	SAC	85-68-7	3
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
Bis(2-Ethylhexyl)phthalate	720	ug/kg	330	07/08/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	77	%		07/08/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	75	%		07/08/98	SAC	321-60-8	
Terphenyl-d14 (S)	76	%		07/08/98	SAC	1718-51-0	
Phenol-d6 (S)	70	%		07/08/98	SAC	13127-88-3	
2-Fluorophenol (S)	63	%		07/08/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	45	%		07/08/98	SAC	118-79-6	
Date Extracted				07/02/98			

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Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704013 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB67-3-1 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
/MS -- Semi-VOA							
ivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
.henol	91	ug/kg	330	07/08/98	SAC	108-95-2	1
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

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Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704013 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB67-3-1 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
iethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
exachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
entachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
henanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
-n-butylphthalate	1500	ug/kg	330	07/08/98	SAC	84-74-2	
luoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0	
yrene	ND	ug/kg	330	07/08/98	SAC	129-00-0	
Butylbenzylphthalate	1400	ug/kg	330	07/08/98	SAC	85-68-7	3
3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
zo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	1600	ug/kg	330	07/08/98	SAC	117-81-7	
-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
enzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
ndeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
ibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
itrobenzene-d5 (S)	75	%		07/08/98	SAC	4165-60-0	
-Fluorobiphenyl (S)	70	%		07/08/98	SAC	321-60-8	
erphenyl-d14 (S)	157	%		07/08/98	SAC	1718-51-0	
Phenol-d6 (S)	77	%		07/08/98	SAC	13127-88-3	
-Fluorophenol (S)	71	%		07/08/98	SAC	367-12-4	
,4,6-Tribromophenol (S)	51	%		07/08/98	SAC	118-79-6	
ate Extracted				07/02/98			

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704021 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB67-3-3 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
MS -- Semi-VOA							
ivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
henol	ND	ug/kg	330	07/08/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
exachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
2-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
exachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
exachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
imethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
cenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
cenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704021 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB67-3-3 Date Received: 06/25/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
iethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
lexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
entachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
-n-butylphthalate	/6	ug/kg	330	07/08/98	SAC	84-74-2	1,3
luoranthene	71	ug/kg	330	07/08/98	SAC	206-44-0	1
Pyrene	150	ug/kg	330	07/08/98	SAC	129-00-0	1
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7	
'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
izo(a)anthracene	69	ug/kg	330	07/08/98	SAC	56-55-3	1
Chrysene	68	ug/kg	330	07/08/98	SAC	218-01-9	1
his(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/08/98	SAC	117-81-7	
-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
enzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
enzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
ndeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
ibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
itrobenzene-d5 (S)	87	%		07/08/98	SAC	4165-60-0	
-Fluorobiphenyl (S)	92	%		07/08/98	SAC	321-60-8	
erphenyl-d14 (S)	157	%		07/08/98	SAC	1718-51-0	4
Phenol-d6 (S)	72	%		07/08/98	SAC	13127-88-3	
-Fluorophenol (S)	63	%		07/08/98	SAC	367-12-4	
,4,6-Tribromophenol (S)	92	%		07/08/98	SAC	118-79-6	
Date Extracted				07/06/98			

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704039 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB67-3-5 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
VMS -- Semi-VOA							
ivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
henol	ND	ug/kg	330	07/08/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
is(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
exachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
itrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
enzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
exachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
exachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
imethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
cenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
cenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704039 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB67-3-5 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
Di-n-butylphthalate	72	ug/kg	330	07/08/98	SAC	84-74-2	1,3
Fluoranthene	67	ug/kg	330	07/08/98	SAC	206-44-0	1
Pyrene	170	ug/kg	330	07/08/98	SAC	129-00-0	1
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/08/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	92	%		07/08/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	94	%		07/08/98	SAC	321-60-8	
Terphenyl-d14 (S)	163	%		07/08/98	SAC	1718-51-0	4
Phenol-d6 (S)	80	%		07/08/98	SAC	13127-88-3	
2-Fluorophenol (S)	66	%		07/08/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	91	%		07/08/98	SAC	118-79-6	
Date Extracted				07/06/98			

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: I0704047 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB68-4-1 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
/MS -- VOA							
MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
ichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
inyl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
romomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
hloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
lethylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
rans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
is-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
bon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
,2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
richloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	
ibromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
oluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
,3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
hlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704047 Date Collected: 06/23/98 Matrix: Soil
Sample ID: TTB68-4-1 Date Received: 06/25/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
sopropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
,2,3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
-Propylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
,3,5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
,2,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
ert-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
-Isopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
,3-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
,2-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	
,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
exachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
lephthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
,2,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
,is-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
Acetone	9.0	ug/kg	20	07/07/98	TAW	67-64-1	1.2
2-Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	
-Methyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
arbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
,ethyl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
thyl-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
,ert-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
-Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
Dibromofluoromethane (S)	90	%		07/07/98	TAW	1868-53-7	
-oluene-d8 (S)	104	%		07/07/98	TAW	2037-26-5	
-Bromofluorobenzene (S)	102	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%		07/07/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704054 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB68-4-3 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
/MS -- VOA							
MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
ichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
romomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
ethylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
is-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
bon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
,2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
richloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	
ibromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
oluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
,3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
ibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
thylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
tyrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704054 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB68-4-3 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
sopropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
,2,3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
-Propylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
ert-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
-Isopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
,2-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
exachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
phthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
is-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
Acetone	8.4	ug/kg	20	07/07/98	TAW	67-64-1	1,2
2-Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	
-Methyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
arbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
inyl Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
ethyl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
thanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
thyl-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
ert-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
Dibromofluoromethane (S)	86	%		07/07/98	TAW	1868-53-7	
oluene-d8 (S)	96	%		07/07/98	TAW	2037-26-5	
-Bromofluorobenzene (S)	100	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%		07/07/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704070 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB67-2-1 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semt-VOA							
's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
CB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/06/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/06/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/06/98	SJW	11141-16-5	
CB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/06/98	SJW	53469-21-9	
CB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/06/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/06/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/06/98	SJW	11096-82-5	
etrachloro-meta-xylene (S)	98	%		07/06/98	SJW	877-09-8	
decachlorobiphenyl (S)	88	%		07/06/98	SJW	2051-24-3	
Date Extracted				07/01/98			

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Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704088 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB67-2-3 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
CB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/06/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/06/98	SJW	11104-28-2	
CB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/06/98	SJW	11141-16-5	
CB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/06/98	SJW	53469-21-9	
CB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/06/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/06/98	SJW	11097-69-1	
CB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/06/98	SJW	11096-82-5	
etrachloro-meta-xylene (S)	90	%		07/06/98	SJW	877-09-8	
ecachlorobiphenyl (S)	85	%		07/06/98	SJW	2051-24-3	
Date Extracted				07/01/98			

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Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704096 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB67-2-5 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
CB-1016 (Arochlor 1016)	ND	mg/kg	0.037	07/06/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.037	07/06/98	SJW	11104-28-2	
CB-1232 (Arochlor 1232)	ND	mg/kg	0.037	07/06/98	SJW	11141-16-5	
CB-1242 (Arochlor 1242)	ND	mg/kg	0.037	07/06/98	SJW	53469-21-9	
CB-1248 (Arochlor 1248)	ND	mg/kg	0.037	07/06/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.037	07/06/98	SJW	11097-69-1	
CB-1260 (Arochlor 1260)	ND	mg/kg	0.037	07/06/98	SJW	11096-82-5	
etrachloro-meta-xylene (S)	86	%		07/06/98	SJW	877-09-8	
ecachlorobiphenyl (S)	77	%		07/06/98	SJW	2051-24-3	
Date Extracted				07/01/98			

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Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704112 Date Collected: 06/23/98 Matrix: Soil
Client Sample ID: TTB62-4-3 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Misc							
GCMS -- VOA							
GCMS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
1,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
O)-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 I3482A

Sample No: 10704138 Date Collected: 06/23/98 Matrix: Water
t Sample ID: WTTB69-1 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
s in Water, Low Level	Method: EPA 8080				Prep Method: EPA 3510		
CB-1016 (Arochlor 1016)	ND	ug/L	0.1	07/02/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	ug/L	0.1	07/02/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	ug/L	0.1	07/02/98	SJW	11141-16-5	
CB-1242 (Arochlor 1242)	ND	ug/L	0.1	07/02/98	SJW	53469-21-9	
CB-1248 (Arochlor 1248)	ND	ug/L	0.1	07/02/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	ug/L	0.1	07/02/98	SJW	11097-69-1	
CB-1260 (Arochlor 1260)	ND	ug/L	0.1	07/02/98	SJW	11096-82-5	
etrachloro-meta-xylene (S)	116	%		07/02/98	SJW	877-09-8	
ecachlorobiphenyl (S)	67	%		07/02/98	SJW	2051-24-3	
Date Extracted				06/29/98			
-- VOA							
GC/MS VOCs by 8260 MN	Method: EPA 8260				Prep Method: EPA 8260		
ichlorodifluoromethane	ND	ug/L	5	07/16/98	TAW	75-71-8	
loromethane	ND	ug/L	5	07/16/98	TAW	74-87-3	
vinyl Chloride	ND	ug/L	5	07/16/98	TAW	75-01-4	
Bromomethane	ND	ug/L	5	07/16/98	TAW	74-83-9	
hloroethane	ND	ug/L	5	07/16/98	TAW	75-00-3	
richlorofluoromethane	ND	ug/L	5	07/16/98	TAW	75-69-4	
Methylene Chloride	ND	ug/L	5	07/16/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/L	5	07/16/98	TAW	75-35-4	
rans-1,2-Dichloroethene	ND	ug/L	5	07/16/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/L	5	07/16/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/L	5	07/16/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/L	5	07/16/98	TAW	156-59-2	
hloroform	ND	ug/L	5	07/16/98	TAW	67-66-3	
romochloromethane	ND	ug/L	5	07/16/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/L	5	07/16/98	TAW	71-55-6	
arbon Tetrachloride	ND	ug/L	5	07/16/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/L	5	07/16/98	TAW	563-58-6	
enzene	ND	ug/L	5	07/16/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/L	5	07/16/98	TAW	107-06-2	
richloroethene	ND	ug/L	5	07/16/98	TAW	79-01-6	
,2-Dichloropropane	ND	ug/L	5	07/16/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/L	5	07/16/98	TAW	75-27-4	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704138 Date Collected: 06/23/98 Matrix: Water
Sample ID: WTTB69-1 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/L	5	07/16/98	TAW	74-95-3	
trans-1,3-Dichloropropene	ND	ug/L	5	07/16/98	TAW	10061-02-6	
Toluene	ND	ug/L	5	07/16/98	TAW	108-88-3	
cis-1,3-Dichloropropene	ND	ug/L	5	07/16/98	TAW	10061-01-5	
1,1,2-Trichloroethane	ND	ug/L	5	07/16/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/L	5	07/16/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/L	5	07/16/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/L	5	07/16/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/L	5	07/16/98	TAW	106-93-4	
Chlorobenzene	ND	ug/L	5	07/16/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/L	5	07/16/98	TAW	630-20-6	
Ethylbenzene	ND	ug/L	5	07/16/98	TAW	100-41-4	
Xylene (Total)	ND	ug/L	5	07/16/98	TAW	1330-20-7	
Styrene	ND	ug/L	5	07/16/98	TAW	100-42-5	
Bromoform	ND	ug/L	5	07/16/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/L	5	07/16/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/L	5	07/16/98	TAW	79-34-5	
Bromobenzene	ND	ug/L	5	07/16/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/L	5	07/16/98	TAW	96-18-4	
Propylbenzene	ND	ug/L	5	07/16/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/L	5	07/16/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/L	5	07/16/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/L	5	07/16/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/L	5	07/16/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/L	5	07/16/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/L	5	07/16/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/L	5	07/16/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/L	5	07/16/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5	07/16/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/L	5	07/16/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/L	5	07/16/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/L	5	07/16/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/L	5	07/16/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/L	5	07/16/98	TAW	87-68-3	
Naphthalene	ND	ug/L	5	07/16/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/L	5	07/16/98	TAW	87-61-6	
Isopropyl Ether	ND	ug/L	50	07/16/98	TAW	108-20-3	
Methyl-tert-butyl Ether	ND	ug/L	5	07/16/98	TAW	1634-04-4	
Acetone	ND	ug/L	10	07/16/98	TAW	67-64-1	
2-Butanone	ND	ug/L	10	07/16/98	TAW	78-93-3	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704138 Date Collected: 06/23/98 Matrix: Water
Sample ID: WTTB69-1 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
arbon Disulfide	ND	ug/L	5	07/16/98	TAW	75-15-0	
2-Chloroethyl Vinyl Ether	ND	ug/L	10	07/16/98	TAW	110-75-8	
?-Hexanone	ND	ug/L	10	07/16/98	TAW	591-78-6	
-Methyl-2-Pentanone	ND	ug/L	10	07/16/98	TAW	108-10-1	
ert-Amylmethyl ether	ND	ug/L	100	07/16/98	TAW	994-05-8	
Ethyl-tert-butyl ether	ND	ug/L	5	07/16/98	TAW	637-92-3	
-Methyl-2-propanol	ND	ug/L	100	07/16/98	TAW	75-65-0	
inyl Acetate	ND	ug/L	10	07/16/98	TAW	108-05-4	
ethanol	ND	ug/L	500	07/16/98	TAW	64-17-5	
Dibromofluoromethane (S)	110	%		07/16/98	TAW	1868-53-7	6
oluene-d8 (S)	104	%		07/16/98	TAW	2037-26-5	
-Bromofluorobenzene (S)	102	%		07/16/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	118	%		07/16/98	TAW	17060-07-0	

-- Semi-VOA

Semivolatile Organics	Method: EPA 8270			Prep Method: EPA 3520			
Phenol	ND	ug/L	10	07/02/98	SAC	108-95-2	
s(2-Chloroethyl)ether	ND	ug/L	10	07/02/98	SAC	111-44-4	
Chlorophenol	ND	ug/L	10	07/02/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/L	10	07/02/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10	07/02/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/L	10	07/02/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/L	10	07/02/98	SAC	95-50-1	
2-Methylphenol	ND	ug/L	10	07/02/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/L	10	07/02/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/L	10	07/02/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/L	10	07/02/98	SAC	621-64-7	
Hexachloroethane	ND	ug/L	10	07/02/98	SAC	67-72-1	
Nitrobenzene	ND	ug/L	10	07/02/98	SAC	98-95-3	
Isophorone	ND	ug/L	10	07/02/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/L	10	07/02/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/L	10	07/02/98	SAC	105-67-9	
Benzoic Acid	ND	ug/L	52	07/02/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/L	10	07/02/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/L	10	07/02/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/L	10	07/02/98	SAC	120-82-1	
Naphthalene	ND	ug/L	10	07/02/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/L	10	07/02/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/L	10	07/02/98	SAC	87-68-3	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704138 Date Collected: 06/23/98 Matrix: Water
Client Sample ID: WTTB69-1 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibenz(a,h)anthracene	ND	ug/L	10	07/02/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/L	10	07/02/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	64	%		07/02/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	66	%		07/02/98	SAC	321-60-8	
Terphenyl-d14 (S)	67	%		07/02/98	SAC	1718-51-0	
Phenol-d6 (S)	58	%		07/02/98	SAC	13127-88-3	
2-Fluorophenol (S)	58	%		07/02/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	80	%		07/02/98	SAC	118-79-6	
Date Extracted				06/29/98			

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704633 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB68-1-1 Date Received: 06/25/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- Semi-VOA							
mivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/08/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
,4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704633 Date Collected: 06/23/98 Matrix: Soil
Sample ID: TTB68-1-1 Date Received: 06/25/98

eters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
iethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
lexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
entachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
)i-n-butylphthalate	84	ug/kg	330	07/08/98	SAC	84-74-2	1,3
Fluoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0	
Pyrene	96	ug/kg	330	07/08/98	SAC	129-00-0	1
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7	
3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
)is(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/08/98	SAC	117-81-7	
)i-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	87	%		07/08/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	97	%		07/08/98	SAC	321-60-8	
Terphenyl-d14 (S)	186	%		07/08/98	SAC	1718-51-0	4
Phenol-d6 (S)	78	%		07/08/98	SAC	13127-88-3	
2-Fluorophenol (S)	62	%		07/08/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	91	%		07/08/98	SAC	118-79-6	
Date Extracted				07/06/98			

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704641 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB68-1-3 Date Received: 06/25/98

ieters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- Semi-VOA							
ivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/08/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
exachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
sophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
,4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
is(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
exachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
exachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704641 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB68-1-3 Date Received: 06/25/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
Di-n-butylphthalate	86	ug/kg	330	07/08/98	SAC	84-74-2	1,3
Fluoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/08/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7	
3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
nzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	340	ug/kg	330	07/08/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	91	%		07/08/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	100	%		07/08/98	SAC	321-60-8	
Terphenyl-d14 (S)	178	%		07/08/98	SAC	1718-51-0	4
Phenol-d6 (S)	80	%		07/08/98	SAC	13127-88-3	
2-Fluorophenol (S)	75	%		07/08/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	94	%		07/08/98	SAC	118-79-6	
Date Extracted				07/06/98			

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704658 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB68-1-5 Date Received: 06/25/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- Semi-VOA							
mivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/08/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1	
-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5	
4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Sample No: 10704658 Date Collected: 06/23/98 Matrix: Soil
Client Sample ID: TTB68-1-5 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
Di-n-butylphthalate	70	ug/kg	330	07/08/98	SAC	84-74-2	1,3
Fluoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0	
Pyrene	76	ug/kg	330	07/08/98	SAC	129-00-0	1
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
Bis(2-Ethylhexyl)phthalate	430	ug/kg	330	07/08/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	89	%		07/08/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	100	%		07/08/98	SAC	321-60-8	
Terphenyl-d14 (S)	198	%		07/08/98	SAC	1718-51-0	4
Phenol-d6 (S)	78	%		07/08/98	SAC	13127-88-3	
2-Fluorophenol (S)	72	%		07/08/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	91	%		07/08/98	SAC	118-79-6	
Date Extracted				07/06/98			

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QUALITY CONTROL DATA

ce Analytical Long Beach SC
Gilman Street
Beach, CA 90815

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Mr. Richard Villafania
e: (562)498-9515

tch ID: 13961 QC Batch Method: EPA 3550
sis Method: EPA 8080 Analysis Description: PCB's in Soil, Low Level
sociated Pace Samples: 10703775 10703783 10703924 10703932 10703940
10703973 10704070 10704088 10704096 10704666

THOD BLANK: 10711117
sociated Pace Samples: 10703775 10703783 10703924 10703932 10703940 10703973 10704070
10704088 10704096 10704666

ıeter	Units	Method Blank Result	PRL	Footnotes
B-1016 (Arochlor 1016)	mg/kg	ND	0.03	
1221 (Arochlor 1221)	mg/kg	ND	0.03	
72 (Arochlor 1232)	mg/kg	ND	0.03	
42 (Arochlor 1242)	mg/kg	ND	0.03	
B-1248 (Arochlor 1248)	mg/kg	ND	0.03	
1254 (Arochlor 1254)	mg/kg	ND	0.03	
260 (Arochlor 1260)	mg/kg	ND	0.03	
achloro-meta-xylene (S)	%	89		
achlorobiphenyl (S)	%	84		

BORATORY CONTROL SAMPLE & LCSD: 10711125 10711133

ıeter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
B-1016 (Arochlor 1016)	mg/kg	0.33	0.2954	88.6	0.3065	91.9	4	
B-1260 (Arochlor 1260)	mg/kg	0.33	0.2994	89.8	0.3143	94.3	5	
chloro-meta-xylene (S)				86		90		
hlorobiphenyl (S)				82		90		

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QUALITY CONTROL DATA

ce Analytical Long Beach SC
Gilman Street
Beach, CA 90815

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Mr. Richard Villafania
ne: (562)498-9515

tch ID: 14014 QC Batch Method: EPA 3550
sis Method: EPA 8270 Analysis Description: Semivolatile Organics
ssociated Pace Samples: 10703791 10703809 10703817 10703858 10703866

D BLANK: 10714384
ssociated Pace Samples: 10703791 10703809 10703817 10703858 10703866

arameter	Units	Method Blank Result	PRL	Footnotes
l	ug/kg	ND	330	
-Chloroethyl)ether	ug/kg	ND	330	
-Chlorophenol	ug/kg	ND	330	
Dichlorobenzene	ug/kg	ND	330	
chlorobenzene	ug/kg	ND	330	
Alcohol	ug/kg	ND	660	
,2-Dichlorobenzene	ug/kg	ND	330	
hylphenol	ug/kg	ND	330	
-Chloroisopropyl)ether	ug/kg	ND	330	
methylphenol	ug/kg	ND	330	
-Nitroso-di-n-propylamine	ug/kg	ND	330	
hloroethane	ug/kg	ND	330	
benzene	ug/kg	ND	330	
sophorone	ug/kg	ND	330	
-Nitrophenol	ug/kg	ND	330	
imethylphenol	ug/kg	ND	330	
ic Acid	ug/kg	ND	1600	
is(2-Chloroethoxy)methane	ug/kg	ND	330	
4-Dichlorophenol	ug/kg	ND	330	
-Trichlorobenzene	ug/kg	ND	330	
halene	ug/kg	ND	330	
-Chloroaniline	ug/kg	ND	660	
achlorobutadiene	ug/kg	ND	330	
oro-3-methylphenol	ug/kg	ND	660	
hylnaphthalene	ug/kg	ND	330	

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QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

D BLANK: 10714384
lated Pace Samples:

	10703791	10703809	10703817	10703858	10703866
meter	Units	Method Blank Result	PRL	Footnotes	
exachlorocyclopentadiene	ug/kg	ND	330		
6-Trichlorophenol	ug/kg	ND	330		
6-Trichlorophenol	ug/kg	ND	330		
hloronaphthalene	ug/kg	ND	330		
Nitroaniline	ug/kg	ND	1600		
thylphthalate	ug/kg	ND	330		
phthylene	ug/kg	ND	330		
6-Dinitrotoluene	ug/kg	ND	330		
Nitroaniline	ug/kg	ND	1600		
aphthene	ug/kg	ND	330		
Dinitrophenol	ug/kg	ND	1600		
Nitrophenol	ug/kg	ND	1600		
benzofuran	ug/kg	ND	330		
Dinitrotoluene	ug/kg	ND	330		
ylphthalate	ug/kg	ND	330		
Chlorophenyl-phenylether	ug/kg	ND	330		
ene	ug/kg	ND	330		
paniline	ug/kg	ND	1600		
nitro-2-methylphenol	ug/kg	ND	1600		
Nitrosodiphenylamine	ug/kg	ND	330		
mophenyl-phenylether	ug/kg	ND	330		
chlorobenzene	ug/kg	ND	330		
achlorophenol	ug/kg	ND	1600		
henanthrene	ug/kg	ND	330		
acene	ug/kg	ND	330		
butylphthalate	ug/kg	ND	330		
luoranthene	ug/kg	ND	330		
yrene	ug/kg	ND	330		
benzylphthalate	ug/kg	ND	330		
-Dichlorobenzidine	ug/kg	ND	660		
enzo(a)anthracene	ug/kg	ND	330		
hrysene	ug/kg	ND	330		
2-Ethylhexyl)phthalate	ug/kg	ND	330		
-octylphthalate	ug/kg	ND	330		
enzo(b)fluoranthene	ug/kg	ND	330		
o(k)fluoranthene	ug/kg	ND	330		
o(a)pyrene	ug/kg	ND	330		
no(1,2,3-cd)pyrene	ug/kg	ND	330		

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QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

D BLANK: 10714384
lated Pace Samples:
10703791 10703809 10703817 10703858 10703866

meter	Units	Method Blank Result	PRL	Footnotes
benz(a,h)anthracene	ug/kg	ND	330	
(g,h,i)perylene	ug/kg	ND	330	
benzene-d5 (S)	%	92		
Fluorobiphenyl (S)	%	95		
rnhenyl-d14 (S)	%	108		
l-d6 (S)	%	81		
orophenol (S)	%	71		
4,6-Tribromophenol (S)	%	88		

ATORY CONTROL SAMPLE & LCSD: 10714392 10714400

meter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
ol	ug/kg	1667	1027	61.6	1180	70.8	14	
Chlorophenol	ug/kg	1667	1183	71.0	1297	77.8	9	
ichlorobenzene	ug/kg	1667	1240	74.4	1260	75.6	2	
pso-di-n-propylamine	ug/kg	1667	1133	68.0	1260	75.6	11	
-Trichlorobenzene	ug/kg	1667	1037	62.2	1107	66.4	7	
Chloro-3-methylphenol	ug/kg	1667	1030	61.8	1173	70.4	13	
phthene	ug/kg	1667	1297	77.8	1380	82.8	6	
rophenol	ug/kg	1667	526.7	31.6	646.7	38.8	20	3,3
4-Dinitrotoluene	ug/kg	1667	1187	71.2	1310	78.6	10	
ntachlorophenol	ug/kg	1667	646.7	38.8	696.7	41.8	7	3,3
he	ug/kg	1667	1180	70.8	1167	70.0	1	
benzene-d5 (S)				84		94		
Fluorobiphenyl (S)				91		97		
rnhenyl-d14 (S)				86		86		

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QUALITY CONTROL DATA

ce Analytical Long Beach SC
Gilman Street
Beach, CA 90815

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Mr. Richard Villafania
une: (562)498-9515

tch ID: 14016
/sis Method: EPA 8270
ssociated Pace Samples: 10703874 10703882 10703908 10703916 10703981 10703999 10704005 10704013

QC Batch Method: EPA 3550
Analysis Description: Semivolatile Organics

THOD BLANK: 10714442
ssociated Pace Samples: 10703874 10703882 10703908 10703916 10703981 10703999 10704005 10704013

eter	Units	Method Blank Result	PRL	Footnotes
henol	ug/kg	ND	330	
-Chloroethyl)ether	ug/kg	ND	330	
rophenol	ug/kg	ND	330	
ichlorobenzene	ug/kg	ND	330	
4-Dichlorobenzene	ug/kg	ND	330	
l Alcohol	ug/kg	ND	660	
ichlorobenzene	ug/kg	ND	330	
Methylphenol	ug/kg	ND	330	
is(2-Chloroisopropyl)ether	ug/kg	ND	330	
hylphenol	ug/kg	ND	330	
roso-di-n-propylamine	ug/kg	ND	330	
exachloroethane	ug/kg	ND	330	
itrobenzene	ug/kg	ND	330	
horone	ug/kg	ND	330	
rophenol	ug/kg	ND	330	
,4-Dimethylphenol	ug/kg	ND	330	
enzoic Acid	ug/kg	ND	1600	
2-Chloroethoxy)methane	ug/kg	ND	330	
ichlorophenol	ug/kg	ND	330	
,2,4-Trichlorobenzene	ug/kg	ND	330	
thalene	ug/kg	ND	330	
loroaniline	ug/kg	ND	660	
exachlorobutadiene	ug/kg	ND	330	

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Pace Analytical

QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

D BLANK: 10714442
lated Pace Samples: 10703874 10703882 10703908 10703916 10703981 10703999 10704005 10704013

ameter	Units	Method Blank Result	PRL	Footnotes
loro-3-methylphenol	ug/kg	ND	660	
thylnaphthalene	ug/kg	ND	330	
exachlorocyclopentadiene	ug/kg	ND	330	
4,6-Trichlorophenol	ug/kg	ND	330	
5-Trichlorophenol	ug/kg	ND	330	
loronaphthalene	ug/kg	ND	330	
-Nitroaniline	ug/kg	ND	1600	
methylphthalate	ug/kg	ND	330	
aphthylene	ug/kg	ND	330	
Dinitrotoluene	ug/kg	ND	330	
-Nitroaniline	ug/kg	ND	1600	
aphthene	ug/kg	ND	330	
Dinitrophenol	ug/kg	ND	1600	
trophenol	ug/kg	ND	1600	
benzofuran	ug/kg	ND	330	
Dinitrotoluene	ug/kg	ND	330	
phthalate	ug/kg	ND	330	
rophenyl-phenylether	ug/kg	ND	330	
luorene	ug/kg	ND	330	
troaniline	ug/kg	ND	1600	
Dinitro-2-methylphenol	ug/kg	ND	1600	
-nitrosodiphenylamine	ug/kg	ND	330	
-Bromophenyl-phenylether	ug/kg	ND	330	
chlorobenzene	ug/kg	ND	330	
achlorophenol	ug/kg	ND	1600	
henanthrene	ug/kg	ND	330	
nthracene	ug/kg	ND	330	
butylphthalate	ug/kg	ND	330	
anthene	ug/kg	ND	330	
yrene	ug/kg	ND	330	
utylbenzylphthalate	ug/kg	91	330	3
3-Dichlorobenzidine	ug/kg	ND	660	
a(a)anthracene	ug/kg	ND	330	
hrysene	ug/kg	ND	330	
(2-Ethylhexyl)phthalate	ug/kg	ND	330	
-octylphthalate	ug/kg	ND	330	
b(b)fluoranthene	ug/kg	ND	330	

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QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-06 I3482A

METHOD BLANK: 10714442
Associated Pace Samples:
10703874 10703882 10703908 10703916 10703981 10703999 10704006 10704013

Parameter	Units	Method Blank Result	PRL	Footnotes
(k)fluoranthene	ug/kg	ND	330	
(a)pyrene	ug/kg	ND	330	
oene(1,2,3-cd)pyrene	ug/kg	ND	330	
benz(a,h)anthracene	ug/kg	ND	330	
(g,h,i)perylene	ug/kg	ND	330	
benzene-d5 ($)	%	76		
Fluorobiphenyl ($)	%	77		
rophenyl-d14 ($)	%	73		
l-d6 ($)	%	78		
orophenol ($)	%	58		
4,6-Tribromophenol (S)	%	66		

ATORY CONTROL SAMPLE & LCSD: 10714459 10714467

meter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
	ug/kg	1667	1370	82.2	1183	71.0	15	
Chlorophenol	ug/kg	1667	1190	71.4	1050	63.0	12	
richlorobenzene	ug/kg	1667	1243	74.6	1070	64.2	15	
roso-di-n-propylamine	ug/kg	1667	1420	85.2	1243	74.6	13	
2,4-Trichlorobenzene	ug/kg	1667	1500	90.0	1287	77.2	15	
Chloro-3-methylphenol	ug/kg	1667	1687	101	1463	87.8	14	
phthene	ug/kg	1667	1247	74.8	1107	66.4	12	
rophenol	ug/kg	1667	1460	87.6	1293	77.6	12	
4-Dinitrotoluene	ug/kg	1667	1267	76.0	1117	67.0	13	
ntachlorophenol	ug/kg	1667	1187	71.2	1020	61.2	15	
e	ug/kg	1667	1827	110	1620	97.2	12	
benzene-d5 (S)				83		76		
Fluorobiphenyl ($)				78		71		
rophenyl-d14 (S)				90		85		

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QUALITY CONTROL DATA

ce Analytical Long Beach SC
Gilman Street
Beach, CA 90815

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Mr. Richard Villafania
(562)498-9515

tch ID: 14112 QC Batch Method: EPA 3550
sis Method: EPA 8270 Analysis Description: Semivolatile Organics
sociated Pace Samples: 10704021 10704039 10704633 10704641 10704658

D BLANK: 10719409
sociated Pace Samples: 10704021 10704039 10704633 10704641 10704658

rameter	Units	Method Blank Result	PRL	Footnotes
l	ug/kg	ND	330	
-Chloroethyl)ether	ug/kg	ND	330	
Chlorophenol	ug/kg	ND	330	
Dichlorobenzene	ug/kg	ND	330	
hlorobenzene	ug/kg	ND	330	
Alcohol	ug/kg	ND	660	
2-Dichlorobenzene	ug/kg	ND	330	
hylphenol	ug/kg	ND	330	
-Chloroisopropyl)ether	ug/kg	ND	330	
ethylphenol	ug/kg	ND	330	
Nitroso-di-n-propylamine	ug/kg	ND	330	
hloroethane	ug/kg	ND	330	
benzene	ug/kg	ND	330	
sophorone	ug/kg	ND	330	
Nitrophenol	ug/kg	ND	330	
imethylphenol	ug/kg	ND	330	
ic Acid	ug/kg	ND	1600	
s(2-Chloroethoxy)methane	ug/kg	ND	330	
4-Dichlorophenol	ug/kg	ND	330	
-Trichlorobenzene	ug/kg	ND	330	
halene	ug/kg	ND	330	
-Chloroaniline	ug/kg	ND	660	
achlorobutadiene	ug/kg	ND	330	
oro-3-methylphenol	ug/kg	ND	660	
hylnaphthalene	ug/kg	ND	330	

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QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

O BLANK: 10721595
lated Pace Samples:

eter	Units	10703775 / 10703783 / 10703825 Method Blank Result	PRL	Footnotes
arbon Disulfide	ug/kg	ND	10	
anone	ug/kg	ND	100	
Acetate	ug/kg	ND	100	
nyl-tert-butyl Ether	ug/kg	ND	5	
hanol	ug/kg	ND	500	
opyl Ether	ug/kg	ND	5	
-tert-butyl ether	ug/kg	ND	5	
rt-Amylmethyl ether	ug/kg	ND	5	
Methyl-2-propanol	ug/kg	ND	100	
mofluoromethane (S)	%	94		
ne-d8 (S)	%	100		
Bromofluorobenzene (S)	%	100		
2-Dichloroethane-d4 (S)	%	108		

TRIX SPIKE & MATRIX SPIKE DUPLICATE: 10721611 10721629

ter	Units	10703593	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
chlorodifluoromethane	ug/kg	0	50	48.00	96.0	44.00	88.0	9	
omethane	ug/kg	0	50	46.00	92.0	34.00	68.0	30	
Chloride	ug/kg	0	50	57.00	114	52.00	104	9	
methane	ug/kg	0	50	38.00	76.0	18.00	36.0	71	
loroethane	ug/kg	0	50	52.00	104	49.00	98.0	6	
lorofluoromethane	ug/kg	0	50	47.00	94.0	42.00	84.0	11	
lene Chloride	ug/kg	0	50	44.00	88.0	40.00	80.0	10	
1-Dichloroethene	ug/kg	0	50	44.00	88.0	40.00	80.0	10	
ans-1,2-Dichloroethene	ug/kg	0	50	42.00	84.0	37.00	74.0	13	
ichloroethane	ug/kg	0	50	46.00	92.0	42.00	84.0	9	
ichloropropane	ug/kg	0	50	44.00	88.0	40.00	80.0	10	
s-1,2-Dichloroethene	ug/kg	0	50	43.00	86.0	38.00	76.0	12	
loroform	ug/kg	0	50	44.00	88.0	41.00	82.0	7	
chloromethane	ug/kg	0	50	42.00	84.0	39.00	78.0	7	
-Trichloroethane	ug/kg	0	50	46.00	92.0	42.00	84.0	9	
rbon Tetrachloride	ug/kg	0	50	44.00	88.0	41.00	82.0	7	
1-Dichloropropene	ug/kg	0	50	44.00	88.0	39.00	78.0	12	
ne	ug/kg	0	50	46.00	92.0	42.00	84.0	9	
ichloroethane	ug/kg	0	50	45.00	90.0	43.00	86.0	5	

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QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10721611 10721629

...meter	Units	10703593	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
...chloroethene	ug/kg	0	50	44.00	88.0	39.00	78.0	12	
...Dichloropropane	ug/kg	0	50	46.00	92.0	43.00	86.0	7	
...Dichloromethane	ug/kg	0	50	44.00	88.0	41.00	82.0	7	
...bromomethane	ug/kg	0	50	43.00	86.0	40.00	80.0	7	
...ene	ug/kg	0	50	44.00	88.0	39.00	78.0	12	
...,2-Trichloroethane	ug/kg	0	50	44.00	88.0	43.00	86.0	2	
...trachloroethene	ug/kg	0	50	44.00	88.0	38.00	76.0	15	
...3-Dichloropropane	ug/kg	0	50	44.00	88.0	42.00	84.0	5	
...omochloromethane	ug/kg	0	50	42.00	84.0	40.00	80.0	5	
...Dibromoethane	ug/kg	0	50	40.00	80.0	39.00	78.0	3	
...lorobenzene	ug/kg	0	50	39.00	78.0	34.00	68.0	14	
...1,1,2-Tetrachloroethane	ug/kg	0	50	44.00	88.0	41.00	82.0	7	
...benzene	ug/kg	0	50	44.00	88.0	38.00	76.0	15	
...Xylene	ug/kg	0	100	85.00	85.0	74.00	74.0	14	
...-Xylene (1,2-Dimethylbenzene)	ug/kg	0	50	42.00	84.0	37.00	74.0	13	
...tyrene	ug/kg	0	50	38.00	76.0	34.00	68.0	11	
...Bromoform	ug/kg	0	50	40.00	80.0	39.00	78.0	3	
...Isopropylbenzene (Cumene)	ug/kg	0	50	42.00	84.0	36.00	72.0	15	
...1,2,2-Tetrachloroethane	ug/kg	0	50	40.00	80.0	39.00	78.0	3	
...ropylbenzene	ug/kg	0	50	37.00	74.0	32.00	64.0	14	
...2,3-Trichloropropane	ug/kg	0	50	42.00	84.0	42.00	84.0	0	
...-Methylbenzene	ug/kg	0	50	41.00	82.0	35.00	70.0	16	
...-Chlorotoluene	ug/kg	0	50	40.00	80.0	34.00	68.0	16	
...3,5-Trimethylbenzene	ug/kg	0	50	40.00	80.0	34.00	68.0	16	
...Chlorotoluene	ug/kg	0	50	37.00	74.0	32.00	64.0	14	
...2,4-Trimethylbenzene	ug/kg	0	50	38.00	76.0	33.00	66.0	14	
...ec-Butylbenzene	ug/kg	0	50	38.00	76.0	32.00	64.0	17	
...-Butylbenzene	ug/kg	0	50	40.00	80.0	34.00	68.0	16	
...propyltoluene	ug/kg	0	50	37.00	74.0	32.00	64.0	14	
...3-Dichlorobenzene	ug/kg	0	50	34.00	68.0	29.00	58.0	16	
1,4-Dichlorobenzene	ug/kg	0	50	32.00	64.0	28.00	56.0	13	
...ylbenzene	ug/kg	0	50	34.00	68.0	29.00	58.0	16	
...Dichlorobenzene	ug/kg	0	50	34.00	68.0	30.00	60.0	12	
...2-Dibromo-3-Chloropropane	ug/kg	0	50	38.00	76.0	39.00	78.0	3	
1,2,4-Trichlorobenzene	ug/kg	0	50	24.00	48.0	21.00	42.0	13	
...chlorobutadiene	ug/kg	0	50	29.00	58.0	24.00	48.0	19	
...phalene	ug/kg	0	50	23.00	46.0	22.00	44.0	4	
1,2,3-Trichlorobenzene	ug/kg	0	50	24.00	48.0	21.00	42.0	13	
...ans-1,3-Dichloropropene	ug/kg	0	50	40.00	80.0	36.00	72.0	11	
...,3-Dichloropropene	ug/kg	0	50	42.00	84.0	38.00	76.0	10	
...omofluoromethane (S)					94		96		

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QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10721611 10721629

Parameter	Units	10703593	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
ene-d8 (S)					98		98		
omofluorobenzene (S)					100		102		
,2-Dichloroethane-d4 (S)					100		106		

RATORY CONTROL SAMPLE: 10721603

arameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
lorodifluoromethane	ug/kg	50	50.00	100	
hloromethane	ug/kg	50	52.00	104	
inyl Chloride	ug/kg	50	53.00	106	
omethane	ug/kg	50	46.00	92.0	
roethane	ug/kg	50	59.00	118	
richlorofluoromethane	ug/kg	50	52.00	104	
ethylene Chloride	ug/kg	50	55.00	110	
Dichloroethene	ug/kg	50	52.00	104	
s-1,2-Dichloroethene	ug/kg	50	54.00	108	
,1-Dichloroethane	ug/kg	50	55.00	110	
Dichloropropane	ug/kg	50	56.00	112	
2-Dichloroethene	ug/kg	50	56.00	112	
... oform	ug/kg	50	55.00	110	
romochloromethane	ug/kg	50	54.00	108	
1-Trichloroethane	ug/kg	50	53.00	106	
on Tetrachloride	ug/kg	50	52.00	104	
,1-Dichloropropene	ug/kg	50	55.00	110	
enzene	ug/kg	50	58.00	116	
Dichloroethane	ug/kg	50	57.00	114	
hloroethene	ug/kg	50	55.00	110	
,2-Dichloropropane	ug/kg	50	56.00	112	
romodichloromethane	ug/kg	50	55.00	110	
omomethane	ug/kg	50	53.00	106	
ene	ug/kg	50	56.00	112	
,1,2-Trichloroethane	ug/kg	50	55.00	110	
etrachloroethene	ug/kg	50	53.00	106	
Dichloropropane	ug/kg	50	54.00	108	
omochloromethane	ug/kg	50	53.00	106	
,2-Dibromoethane	ug/kg	50	53.00	106	
lorobenzene	ug/kg	50	55.00	110	
1,2-Tetrachloroethane	ug/kg	50	56.00	112	
lbenzene	ug/kg	50	56.00	112	

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QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ABORATORY CONTROL SAMPLE: 10721603

...eter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
...Xylene	ug/kg	100	110.0	110	
...ene (1,2-Dimethylbenzene)	ug/kg	50	56.00	112	
...ene	ug/kg	50	58.00	116	
...omoform	ug/kg	50	53.00	106	
...opylbenzene (Cumene)	ug/kg	50	55.00	110	
...,2-Tetrachloroethane	ug/kg	50	52.00	104	
...obenzene	ug/kg	50	56.00	112	
2,3-Trichloropropane	ug/kg	50	52.00	104	
...pylbenzene	ug/kg	50	56.00	112	
...orotoluene	ug/kg	50	56.00	112	
...,5-Trimethylbenzene	ug/kg	50	55.00	110	
Chlorotoluene	ug/kg	50	56.00	112	
...-Trimethylbenzene	ug/kg	50	56.00	112	
...utylbenzene	ug/kg	50	54.00	108	
...rt-Butylbenzene	ug/kg	50	53.00	106	
...sopropyltoluene	ug/kg	50	55.00	110	
...)ichlorobenzene	ug/kg	50	56.00	112	
...)ichlorobenzene	ug/kg	50	55.00	110	
Butylbenzene	ug/kg	50	56.00	112	
...Dichlorobenzene	ug/kg	50	55.00	110	
...romo-3-Chloropropane	ug/kg	50	50.00	100	
...richlorobenzene	ug/kg	50	55.00	110	
...exachlorobutadiene	ug/kg	50	52.00	104	
...thalene	ug/kg	50	48.00	96.0	
...-Trichlorobenzene	ug/kg	50	53.00	106	
...s-1,3-Dichloropropene	ug/kg	50	55.00	110	
...s-1,3-Dichloropropene	ug/kg	50	57.00	114	
...mofluoromethane (S)				98	
...ne-d8 (S)				98	
...romofluorobenzene (S)				102	
...2-Dichloroethane-d4 (S)				102	

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QUALITY CONTROL DATA

ace Analytical Long Beach SC
[illegible] Gilman Street
[illegible] Beach, CA 90815

Pace Project Number: 108166
Client Project ID: 980624-05 13402A

Mr. Richard Villafania
[illegible]: (562)498-9515

[illegible]tch ID: 14249 QC Batch Method: EPA 8260
[illegible]sis Method: EPA 8260 Analysis Description: GC/MS VOCs by 8260
[illegible]ociated Pace Samples: 10703833 10703841 10703924 10703932 10703940
10703973 10704047 10704054 10704112

[illegible]HOD BLANK: 10723971
[illegible]ssociated Pace Samples:
10703833 10703841 10703924 10703932 10703940 10703973 10704047
10704054 10704112

[illegible]eter	Units	Method Blank Result	PRL	Footnotes
[illegible]ichlorodifluoromethane	ug/kg	ND	5	
[illegible]' [illegible]romethane	ug/kg	ND	5	
[illegible] Chloride	ug/kg	ND	5	
[illegible]...[illegible]ethane	ug/kg	ND	5	
[illegible]loroethane	ug/kg	ND	5	
[illegible]' [illegible]lorofluoromethane	ug/kg	ND	5	
[illegible]lene Chloride	ug/kg	ND	5	
[illegible],1-Dichloroethene	ug/kg	ND	5	
[illegible]rans-1,2-Dichloroethene	ug/kg	ND	5	
[illegible]Dichloroethane	ug/kg	ND	5	
[illegible]Dichloropropane	ug/kg	ND	5	
[illegible]s-1,2-Dichloroethene	ug/kg	ND	5	
[illegible]hloroform	ug/kg	ND	5	
[illegible]chloromethane	ug/kg	ND	5	
[illegible]-Trichloroethane	ug/kg	ND	5	
[illegible]arbon Tetrachloride	ug/kg	ND	5	
[illegible],3-Dichloropropene	ug/kg	ND	5	
[illegible]ene	ug/kg	ND	5	
[illegible]Dichloroethane	ug/kg	ND	5	
[illegible]richloroethene	ug/kg	ND	5	
[illegible]2-Dichloropropane	ug/kg	ND	5	
[illegible]bromochloromethane	ug/kg	ND	5	
[illegible]...[illegible]bromomethane	ug/kg	ND	5	

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QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

T^D BLANK: 10723971
iated Pace Samples:

10703833 10703841 10703924 10703912 10703940 10703973 10704047
10704054 10704112

ameter	Units	Method Blank Result	PRL	Footnotes
ne	ug/kg	ND	5	
-Trichloroethane	ug/kg	ND	5	
trachloroethene	ug/kg	ND	5	
3-Dichloropropane	ug/kg	ND	5	
mochloromethane	ug/kg	ND	5	
ibromoethane	ug/kg	ND	5	
lorobenzene	ug/kg	ND	5	
1,2-Tetrachloroethane	ug/kg	ND	5	
benzene	ug/kg	ND	5	
ylene	ug/kg	ND	5	
Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
ene	ug/kg	ND	5	
form	ug/kg	ND	5	
opylbenzene (Cumene)	ug/kg	ND	5	
1,2,2-Tetrachloroethane	ug/kg	ND	5	
benzene	ug/kg	ND	5	
trichloropropane	ug/kg	ND	5	
ylbenzene	ug/kg	ND	5	
Chlorotoluene	ug/kg	ND	5	
-Trimethylbenzene	ug/kg	ND	5	
orotoluene	ug/kg	ND	5	
2,4-Trimethylbenzene	ug/kg	ND	5	
ec-Butylbenzene	ug/kg	ND	5	
Butylbenzene	ug/kg	ND	5	
propyltoluene	ug/kg	ND	5	
3-Dichlorobenzene	ug/kg	ND	5	
4-Dichlorobenzene	ug/kg	ND	5	
ylbenzene	ug/kg	ND	5	
ichlorobenzene	ug/kg	ND	5	
2-Dibromo-3-Chloropropane	ug/kg	ND	5	
2,4-Trichlorobenzene	ug/kg	ND	5	
hlorobutadiene	ug/kg	ND	5	
halene	ug/kg	ND	5	
2,3-Trichlorobenzene	ug/kg	ND	5	
-1,3-Dichloropropene	ug/kg	ND	5	
1,3-Dichloropropene	ug/kg	ND	5	
oroethyl Vinyl Ether	ug/kg	ND	5	

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Pace Analytical

QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

TRIX SPIKE & MATRIX SPIKE DUPLICATE: 10723997 10724003

...meter	Units	10703833	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
...n Tetrachloride	ug/kg	0	50	41.00	82.0	49.00	98.0	18	
...ichloropropene	ug/kg	0	50	42.00	84.0	49.00	98.0	15	
...ene	ug/kg	0	50	44.00	88.0	52.00	104	17	
2-Dichloroethane	ug/kg	0	50	41.00	82.0	47.00	94.0	14	
...loroethene	ug/kg	0	50	43.00	86.0	50.00	100	15	
...ichloropropane	ug/kg	0	50	39.00	78.0	46.00	92.0	16	
...omodichloromethane	ug/kg	0	50	37.00	74.0	44.00	88.0	17	
...bromomethane	ug/kg	0	50	36.00	72.0	41.00	82.0	13	
...ne	ug/kg	0	50	40.00	80.0	48.00	96.0	18	
...-Trichloroethane	ug/kg	0	50	38.00	76.0	43.00	86.0	12	
...trachloroethene	ug/kg	0	50	39.00	78.0	43.00	86.0	10	
3-Dichloropropane	ug/kg	0	50	37.00	74.0	44.00	88.0	17	
...mochloromethane	ug/kg	0	50	35.00	70.0	42.00	84.0	18	
...ibromoethane	ug/kg	0	50	34.00	68.0	39.00	78.0	14	
...lorobenzene	ug/kg	0	50	35.00	70.0	39.00	78.0	11	
...1,2-Tetrachloroethane	ug/kg	0	50	37.00	74.0	42.00	84.0	13	
...benzene	ug/kg	0	50	40.00	80.0	43.00	86.0	7	
...ylene	ug/kg	0	100	77.00	77.0	84.00	84.0	9	
Xylene (1,2-Dimethylbenzene)	ug/kg	0	50	37.00	74.0	40.00	80.0	8	
...ene	ug/kg	0	50	33.00	66.0	36.00	72.0	9	
...orm	ug/kg	0	50	34.00	68.0	38.00	76.0	11	
...pylbenzene (Cumene)	ug/kg	0	50	38.00	76.0	37.00	74.0	3	
1,2,2-Tetrachloroethane	ug/kg	0	50	32.00	64.0	36.00	72.0	12	
...benzene	ug/kg	0	50	30.00	60.0	34.00	68.0	12	
...-Trichloropropane	ug/kg	0	50	43.00	86.0	44.00	88.0	2	
...opylbenzene	ug/kg	0	50	38.00	76.0	36.00	72.0	5	
Chlorotoluene	ug/kg	0	50	34.00	68.0	35.00	70.0	3	
...-Trimethylbenzene	ug/kg	0	50	34.00	68.0	32.00	64.0	6	
...orotoluene	ug/kg	0	50	31.00	62.0	32.00	64.0	3	
4-Trimethylbenzene	ug/kg	0	50	31.00	62.0	30.00	60.0	3	
...-Butylbenzene	ug/kg	0	50	37.00	74.0	29.00	58.0	24	
...Butylbenzene	ug/kg	0	50	36.00	72.0	31.00	62.0	15	
...propyltoluene	ug/kg	0	50	33.00	66.0	26.00	52.0	24	
3-Dichlorobenzene	ug/kg	0	50	26.00	52.0	26.00	52.0	0	
4-Dichlorobenzene	ug/kg	0	50	25.00	50.0	25.00	50.0	0	
...ylbenzene	ug/kg	0	50	32.00	64.0	23.00	46.0	33	
...ichlorobenzene	ug/kg	0	50	26.00	52.0	26.00	52.0	0	
2-Dibromo-3-Chloropropane	ug/kg	0	50	35.00	70.0	36.00	72.0	3	
...4-Trichlorobenzene	ug/kg	0	50	14.00	28.0	11.00	22.0	24	
...hlorobutadiene	ug/kg	0	50	25.00	50.0	14.00	28.0	56	
...halene	ug/kg	0	50	16.00	32.0	14.00	28.0	13	

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Pace Analytical

QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

X SPIKE & MATRIX SPIKE DUPLICATE: 10723997 10724003

ameter	Units	10703833	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
-Trichlorobenzene	ug/kg	0	50	14.00	28.0	11.00	22.0	24	
-1,3-Dichloropropene	ug/kg	0	50	31.00	62.0	36.00	72.0	15	
s-1,3-Dichloropropene	ug/kg	0	50	33.00	66.0	38.00	76.0	14	
bromofluoromethane (S)					92		92		
ne-d8 (S)					104		104		
mofluorobenzene (S)					106		104		
2-Dichloroethane-d4 (S)					100		100		

ATORY CONTROL SAMPLE: 10723989

ameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
loradifluoromethane	ug/kg	50	65.00	130	
loromethane	ug/kg	50	62.00	124	
Chloride	ug/kg	50	66.00	132	
methane	ug/kg	50	9.900	19.8	
oethane	ug/kg	50	63.00	126	
ichlorofluoromethane	ug/kg	50	60.00	120	
lene Chloride	ug/kg	50	55.00	110	
chloroethene	ug/kg	50	56.00	112	
1,2-Dichloroethene	ug/kg	50	55.00	110	
1-Dichloroethane	ug/kg	50	55.00	110	
ichloropropane	ug/kg	50	60.00	120	
,2-Dichloroethene	ug/kg	50	54.00	108	
loroform	ug/kg	50	55.00	110	
omochloromethane	ug/kg	50	52.00	104	
-Trichloroethane	ug/kg	50	59.00	118	
n Tetrachloride	ug/kg	50	59.00	118	
1-Dichloropropene	ug/kg	50	58.00	116	
nzene	ug/kg	50	56.00	112	
ichloroethane	ug/kg	50	54.00	108	
loroethene	ug/kg	50	56.00	112	
2-Dichloropropane	ug/kg	50	52.00	104	
odichloromethane	ug/kg	50	53.00	106	
momethane	ug/kg	50	51.00	102	
ne	ug/kg	50	57.00	114	
1,2-Trichloroethane	ug/kg	50	51.00	102	
chloroethene	ug/kg	50	57.00	114	
ichloropropane	ug/kg	50	52.00	104	
mochloromethane	ug/kg	50	53.00	106	

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QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ORATORY CONTROL SAMPLE: 10723989

meter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dibromoethane	ug/kg	50	52.00	104	
obenzene	ug/kg	50	56.00	112	
1,1,2-Tetrachloroethane	ug/kg	50	55.00	110	
thylbenzene	ug/kg	50	60.00	120	
Xylene	ug/kg	100	120.0	120	
ene (1,2-Dimethylbenzene)	ug/kg	50	59.00	118	
tyrene	ug/kg	50	59.00	118	
omoform	ug/kg	50	57.00	114	
ropylbenzene (Cumene)	ug/kg	50	60.00	120	
2,2-Tetrachloroethane	ug/kg	50	54.00	108	
romobenzene	ug/kg	50	56.00	112	
2,3-Trichloropropane	ug/kg	50	41.00	82.0	
ppylbenzene	ug/kg	50	61.00	122	
lorotoluene	ug/kg	50	59.00	118	
3,5-Trimethylbenzene	ug/kg	50	60.00	120	
hlorotoluene	ug/kg	50	58.00	116	
4-Trimethylbenzene	ug/kg	50	58.00	116	
Butylbenzene	ug/kg	50	60.00	120	
ert-Butylbenzene	ug/kg	50	58.00	116	
opropyltoluene	ug/kg	50	59.00	118	
chlorobenzene	ug/kg	50	57.00	114	
ichlorobenzene	ug/kg	50	56.00	112	
-Butylbenzene	ug/kg	50	60.00	120	
Dichlorobenzene	ug/kg	50	56.00	112	
Dibromo-3-Chloropropane	ug/kg	50	56.00	112	
2,4-Trichlorobenzene	ug/kg	50	54.00	108	
exachlorobutadiene	ug/kg	50	56.00	112	
thalene	ug/kg	50	49.00	98.0	
3-Trichlorobenzene	ug/kg	50	53.00	106	
rans-1,3-Dichloropropene	ug/kg	50	53.00	106	
is-1,3-Dichloropropene	ug/kg	50	53.00	106	
omofluoromethane (S)				96	
ene-d8 (S)				100	
-Bromofluorobenzene (S)				104	
2-Dichloroethane-d4 (S)				96	

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QUALITY CONTROL DATA

ce Analytical Long Beach SC
Gilman Street
Beach, CA 90815

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

Mr. Richard Villafania
one: (562)498-9515

tch ID: 14614
sis Method: EPA 8260
sociated Pace Samples: 10704138

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260 MN

D BLANK: 10739548
sociated Pace Samples:
10704138

rameter	Units	Method Blank Result	PRL	Footnotes
orodifluoromethane	ug/L	ND	5	
omethane	ug/L	ND	5	
nyl Chloride	ug/L	ND	5	
methane	ug/L	ND	5	
thane	ug/L	ND	5	
orofluoromethane	ug/L	ND	5	
thylene Chloride	ug/L	3.6	5	3.6
ichloroethene	ug/L	ND	5	
1,2-Dichloroethene	ug/L	ND	5	
1-Dichloroethane	ug/L	ND	5	
2-Dichloropropane	ug/L	ND	5	
,2-Dichloroethene	ug/L	ND	5	
oform	ug/L	ND	5	
omochloromethane	ug/L	ND	5	
1,1-Trichloroethane	ug/L	ND	5	
n Tetrachloride	ug/L	ND	5	
ichloropropene	ug/L	ND	5	
nzene	ug/L	ND	5	
2-Dichloroethane	ug/L	ND	5	
loroethene	ug/L	ND	5	
ichloropropane	ug/L	ND	5	
omodichloromethane	ug/L	ND	5	
omomethane	ug/L	ND	5	
-1,3-Dichloropropene	ug/L	ND	5	
ne	ug/L	ND	5	

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QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

D BLANK: 10739548
iated Pace Samples:
10704138

eter	Units	Method Blank Result	PRL	Footnotes
s-1,3-Dichloropropene	ug/L	ND	5	
-Trichloroethane	ug/L	ND	5	
chloroethene	ug/L	ND	5	
3-Dichloropropane	ug/L	ND	5	
bromochloromethane	ug/L	ND	5	
ibromoethane	ug/L	ND	5	
obenzene	ug/L	ND	5	
1,1,2-Tetrachloroethane	ug/L	ND	5	
hylbenzene	ug/L	ND	5	
e (Total)	ug/L	ND	5	
ne	ug/L	ND	5	
omoform	ug/L	ND	5	
opylbenzene (Cumene)	ug/L	ND	5	
,2-Tetrachloroethane	ug/L	ND	5	
benzene	ug/L	ND	5	
2,3-Trichloropropane	ug/L	ND	5	
ipylbenzene	ug/L	ND	5	
otoluene	ug/L	ND	5	
Trimethylbenzene	ug/L	ND	5	
-Chlorotoluene	ug/L	ND	5	
-Trimethylbenzene	ug/L	ND	5	
utylbenzene	ug/L	ND	5	
ert-Butylbenzene	ug/L	ND	5	
-Isopropyltoluene	ug/L	ND	5	
ichlorobenzene	ug/L	ND	5	
ichlorobenzene	ug/L	ND	5	
-Butylbenzene	ug/L	ND	5	
,2-Dichlorobenzene	ug/L	ND	5	
ibromo-3-Chloropropane	ug/L	ND	5	
-Trichlorobenzene	ug/L	ND	5	
exachlorobutadiene	ug/L	ND	5	
aphthalene	ug/L	ND	5	
-Trichlorobenzene	ug/L	ND	5	
opyl Ether	ug/L	ND	50	
ethyl-tert-butyl Ether	ug/L	ND	5	
ene	ug/L	16	10	3,6
anone	ug/L	8.9	10	3
on Disulfide	ug/L	ND	5	

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QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

...O BLANK: 10739548
...iated Pace Samples:
10704138

...eter	Units	Method Blank Result	PRL	Footnotes
Chloroethyl Vinyl Ether	ug/L	ND	10	
...anone	ug/L	ND	10	
...hyl-2-Pentanone	ug/L	ND	10	
rt-Amylmethyl ether	ug/L	ND	100	
hyl-tert-butyl ether	ug/L	ND	5	
...hyl-2-propanol	ug/L	ND	100	
...Acetate	ug/L	ND	10	
hanol	ug/L	ND	500	
bromofluoromethane ($)	%	110		
...ne-d8 ($)	%	108		
...mofluorobenzene (S)	%	84		
2-Dichloroethane-d4 ($)	%	114		

...X SPIKE & MATRIX SPIKE DUPLICATE: 10739555 10739663

...eter	Units	10704138	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
...rodifluoromethane	ug/L	0	50	36.00	72.0	33.00	66.0	9	7
loromethane	ug/L	0	50	40.00	80.0	37.00	74.0	8	
... Chloride	ug/L	0	50	48.00	96.0	43.00	86.0	11	
...ethane	ug/L	0	50	48.00	96.0	50.00	100	4	
...oroethane	ug/L	0	50	57.00	114	52.00	104	9	
ichlorofluoromethane	ug/L	0	50	55.00	110	50.00	100	10	
...lene Chloride	ug/L	0	50	54.00	108	52.00	104	4	
...chloroethene	ug/L	0	50	56.00	112	53.00	106	6	
ans-1,2-Dichloroethene	ug/L	0	50	57.00	114	54.00	108	5	
1-Dichloroethane	ug/L	0	50	57.00	114	53.00	106	7	
...ichloropropane	ug/L	0	50	56.00	112	52.00	104	7	
...2-Dichloroethene	ug/L	0	50	57.00	114	54.00	108	5	
loroform	ug/L	0	50	58.00	116	55.00	110	5	
...omochloromethane	ug/L	0	50	57.00	114	56.00	112	2	
...-Trichloroethane	ug/L	0	50	58.00	116	54.00	108	7	
...n Tetrachloride	ug/L	0	50	59.00	118	55.00	110	7	
1-Dichloropropene	ug/L	0	50	58.00	116	55.00	110	5	
...zene	ug/L	0	50	58.00	116	54.00	108	7	
...ichloroethane	ug/L	0	50	58.00	116	55.00	110	5	
...loroethene	ug/L	0	50	57.00	114	54.00	108	5	

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QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10739555 10739563

Parameter	Units	10704138	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Dichloropropane	ug/L	0	50	57.00	114	54.00	108	5	
dichloromethane	ug/L	0	50	57.00	114	54.00	108	5	
bromomethane	ug/L	0	50	56.00	112	54.00	108	4	
rans-1,3-Dichloropropene	ug/L	0	50	58.00	116	55.00	110	5	
ne	ug/L	0	50	57.00	114	54.00	108	5	
.3-Dichloropropene	ug/L	0	50	57.00	114	55.00	110	4	
1,2-Trichloroethane	ug/L	0	50	56.00	112	54.00	108	4	
trachloroethene	ug/L	0	50	60.00	120	57.00	114	5	
richloropropane	ug/L	0	50	57.00	114	54.00	108	5	
mochloromethane	ug/L	0	50	57.00	114	55.00	110	4	
2-Dibromoethane	ug/L	0	50	56.00	112	54.00	108	4	
lorobenzene	ug/L	0	50	57.00	114	54.00	108	5	
,2-Tetrachloroethane	ug/L	0	50	58.00	116	56.00	112	4	
benzene	ug/L	0	50	58.00	116	56.00	112	4	
lene (Total)	ug/L	0	150	180.0	120	180.0	120	0	
rene	ug/L	0	50	61.00	122	62.00	124	2	
form	ug/L	0	50	56.00	112	56.00	112	0	
opylbenzene (Cumene)	ug/L	0	50	61.00	122	61.00	122	0	
1,2,2-Tetrachloroethane	ug/L	0	50	56.00	112	52.00	104	7	
benzene	ug/L	0	50	57.00	114	54.00	108	5	
Trichloropropane	ug/L	0	50	55.00	110	50.00	100	10	
ylbenzene	ug/L	0	50	60.00	120	56.00	112	7	
Chlorotoluene	ug/L	0	50	58.00	116	55.00	110	5	
-Trimethylbenzene	ug/L	0	50	52.00	104	49.00	98.0	6	
orotoluene	ug/L	0	50	58.00	116	54.00	108	7	
2,4-Trimethylbenzene	ug/L	0	50	55.00	110	51.00	102	8	
c-Butylbenzene	ug/L	0	50	59.00	118	54.00	108	9	
Butylbenzene	ug/L	0	50	58.00	116	55.00	110	5	
propyltoluene	ug/L	0	50	54.00	108	51.00	102	6	
3-Dichlorobenzene	ug/L	0	50	58.00	116	55.00	110	5	
4-Dichlorobenzene	ug/L	0	50	58.00	116	54.00	108	7	
ylbenzene	ug/L	0	50	50.00	100	49.00	98.0	2	
ichlorobenzene	ug/L	0	50	56.00	112	54.00	108	4	
2-Dibromo-3-Chloropropane	ug/L	0	50	55.00	110	53.00	106	4	
2,4-Trichlorobenzene	ug/L	0	50	52.00	104	49.00	98.0	6	
hlorobutadiene	ug/L	0	50	48.00	96.0	48.00	96.0	0	
halene	ug/L	0	50	50.00	100	46.00	92.0	8	
2,3-Trichlorobenzene	ug/L	0	50	50.00	100	46.00	92.0	8	
romofluoromethane (S)					110		112		
ne-d8 (S)					112		112		
mofluorobenzene (S)					108		114		

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QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10739555 10739563

Parameter	Units	10704138	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Dichloroethane-d4 (5)					114		110		

LABORATORY CONTROL SAMPLE & LCSD: 10739571 10739589

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
chlorodifluoromethane	ug/L	50	34.00	68.0	33.00	66.0	3	7,7
omethane	ug/L	50	34.00	68.0	37.00	74.0	8	7
Chloride	ug/L	50	42.00	84.0	44.00	88.0	5	
omomethane	ug/L	50	55.00	110	87.00	174	45	7
loroethane	ug/L	50	54.00	108	57.00	114	5	
lorofluoromethane	ug/L	50	50.00	100	54.00	108	8	
lene Chloride	ug/L	50	55.00	110	57.00	114	4	
1-Dichloroethene	ug/L	50	54.00	108	56.00	112	4	
ans-1,2-Dichloroethene	ug/L	50	55.00	110	58.00	116	5	
ichloroethane	ug/L	50	54.00	108	58.00	116	7	
ichloropropane	ug/L	50	52.00	104	55.00	110	6	
s-1,2-Dichloroethene	ug/L	50	55.00	110	58.00	116	5	
oform	ug/L	50	55.00	110	58.00	116	5	
loromethane	ug/L	50	56.00	112	59.00	118	5	
richloroethane	ug/L	50	54.00	108	57.00	114	5	
rbon Tetrachloride	ug/L	50	53.00	106	59.00	118	11	
Dichloropropene	ug/L	50	54.00	108	57.00	114	5	
ne	ug/L	50	55.00	110	58.00	116	5	
-Dichloroethane	ug/L	50	54.00	108	57.00	114	5	
ichloroethene	ug/L	50	54.00	108	56.00	112	4	
ichloropropane	ug/L	50	54.00	108	60.00	120	11	
dichloromethane	ug/L	50	52.00	104	59.00	118	13	
bromomethane	ug/L	50	53.00	106	58.00	116	9	
ans-1,3-Dichloropropene	ug/L	50	51.00	102	59.00	118	15	
ne	ug/L	50	54.00	108	59.00	118	9	
3-Dichloropropene	ug/L	50	52.00	104	60.00	120	14	
1,2-Trichloroethane	ug/L	50	53.00	106	59.00	118	11	
trachloroethene	ug/L	50	58.00	116	64.00	128	10	
ichloropropane	ug/L	50	53.00	106	59.00	118	11	
mochloromethane	ug/L	50	52.00	104	60.00	120	14	
2-Dibromoethane	ug/L	50	52.00	104	58.00	116	11	
orobenzene	ug/L	50	54.00	108	58.00	116	7	
,2-Tetrachloroethane	ug/L	50	56.00	112	62.00	124	10	
benzene	ug/L	50	55.00	110	56.00	112	2	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

RATORY CONTROL SAMPLE & LCSD: 10739571 10739589

..ameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
ne (Total)	ug/L	150	170.0	113	170.0	113	0	
ene	ug/L	50	59.00	118	58.00	116	2	
oform	ug/L	50	52.00	104	60.00	120	14	
opropylbenzene (Cumene)	ug/L	50	57.00	114	57.00	114	0	
2,2-Tetrachloroethane	ug/L	50	50.00	100	64.00	128	25	
benzene	ug/L	50	54.00	108	62.00	124	14	
2,3-Trichloropropane	ug/L	50	49.00	98.0	61.00	122	22	
-Propylbenzene	ug/L	50	54.00	108	58.00	116	7	
lorotoluene	ug/L	50	53.00	106	58.00	116	9	
3-Trimethylbenzene	ug/L	50	54.00	108	56.00	112	4	
-Chlorotoluene	ug/L	50	53.00	106	58.00	116	9	
2,4-Trimethylbenzene	ug/L	50	54.00	108	58.00	116	7	
Butylbenzene	ug/L	50	54.00	108	56.00	112	4	
Butylbenzene	ug/L	50	54.00	108	58.00	116	7	
-Isopropyltoluene	ug/L	50	55.00	110	56.00	112	2	
3-Dichlorobenzene	ug/L	50	54.00	108	58.00	116	7	
Dichlorobenzene	ug/L	50	55.00	110	58.00	116	5	
tylbenzene	ug/L	50	56.00	112	57.00	114	2	
2-Dichlorobenzene	ug/L	50	53.00	106	58.00	116	9	
Dibromo-3-Chloropropane	ug/L	50	47.00	94.0	55.00	110	16	
Trichlorobenzene	ug/L	50	55.00	110	58.00	116	5	
lorobutadiene	ug/L	50	49.00	98.0	48.00	96.0	2	
aphthalene	ug/L	50	48.00	96.0	52.00	104	8	
3-Trichlorobenzene	ug/L	50	51.00	102	53.00	106	4	
bromofluoromethane (S)				110		110		
luene-d8 (S)				112		112		
-Bromofluorobenzene (S)				108		102		
Dichloroethane-d4 (S)				108		108		

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Pace Project Number: 108166
Client Project ID: 980624-05 13482A

ITY CONTROL DATA PARAMETER FOOTNOTES

istent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

Not Detected
Not Calculable
Pace Reporting Limit
Relative Percent Difference
Surrogate
Compound concentration exceeds the calibration range of the instrument (CLP E-Flag).
Spiked sample recovery is not within control limits.
Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
Outtside of control limits of 30-154%.
Outside of control limits of 42-146%.
Common laboratory contaminant.
The continuing calibration for this compound was outside the method control limits. The result for this compound should be considered an estimate.

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Pace Analytical

July 08, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on June 25, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

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Pace Analytical

DATE: 07/08/98
PAGE: 1

ace Analytical Long Beach SC
Gilman Street
Beach, CA 90815

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Mr. Richard Villafania
hone: (562)498-9515

d results are reported on a wet weight basis

ace Sample No: 10703593 Date Collected: 06/23/98 Matrix: Soil
lient Sample ID: TTB62-2-5 Date Received: 06/25/98

neters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
- Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/30/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/30/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/30/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/30/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/30/98	SJW	12672-29-6	
B-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/30/98	SJW	11097-69-1	
CB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/30/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	94	%		06/30/98	SJW	877-09-8	
Decachlorobiphenyl (S)	94	%		06/30/98	SJW	2051-24-3	
Date Extracted				06/26/98			
C/MS - VOA							
/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 8260	
Dichlorodifluoromethane	ND	ug/kg	5	07/06/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/06/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/06/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/06/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/06/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/06/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/06/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/06/98	TAW	156-59-2	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703593 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB62-2-5 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
hloroform	ND	ug/kg	5	07/06/98	TAW	67-66-3	
dromochloromethane	ND	ug/kg	5	07/06/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	71-55-6	
arbon Tetrachloride	ND	ug/kg	5	07/06/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/06/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/06/98	TAW	107-06-2	
richloroethene	ND	ug/kg	5	07/06/98	TAW	79-01-6	
,2-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/06/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/06/98	TAW	74-95-3	
oluene	ND	ug/kg	5	07/06/98	TAW	108-88-3	
,1,2-Trichloroethane	ND	ug/kg	5	07/06/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/06/98	TAW	127-18-4	
,3-Dichloropropane	ND	ug/kg	5	07/06/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/06/98	TAW	124-48-1	
,2-Dibromoethane	ND	ug/kg	5	07/06/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/06/98	TAW	108-90-7	
,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	630-20-6	
hylbenzene	ND	ug/kg	5	07/06/98	TAW	100-41-4	
uP-Xylene	ND	ug/kg	5	07/06/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/06/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/06/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/06/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/06/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/06/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/06/98	TAW	108-86-1	
,2,3-Trichloropropane	ND	ug/kg	5	07/06/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/06/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	95-49-8	
,3,5-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/06/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/06/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	98-06-6	
4-Isopropyltoluene	ND	ug/kg	5	07/06/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/06/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/06/98	TAW	95-50-1	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703593 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB62-2-5 Date Received: 06/25/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/06/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/06/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/06/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/06/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/06/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/06/98	TAW	110-75-8	
Acetone	8.2	ug/kg	20	07/06/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/06/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/06/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/06/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/06/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/06/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/06/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/06/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/06/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/06/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/06/98	TAW	994-05-8	
Methyl-2-propanol	ND	ug/kg	100	07/06/98	TAW	75-65-0	
Dibromofluoromethane (S)	94	%		07/06/98	TAW	1868-53-7	
Toluene-d8 (S)	102	%		07/06/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	100	%		07/06/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%		07/06/98	TAW	17060-07-0	

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Pace Project Number: 108164
Client Project ID: 98624-05 13482A

$ Sample No: 10703601 Date Collected: 06/23/98 Matrix: Soil
ıtnt Sample ID: TTB62-1-10 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
‡-							
/MS -- Semi-VOA							
)imivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
‡-Phenol	ND	ug/kg	330	06/29/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	06/29/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	06/29/98	SAC	95-57-8	
‡,1,3-Dichlorobenzene	ND	ug/kg	330	06/29/98	SAC	541-73-1	
V-1,4-Dichlorobenzene	ND	ug/kg	330	06/29/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	06/29/98	SAC	100-51-6	
ıe1,2-Dichlorobenzene	ND	ug/kg	330	06/29/98	SAC	95-50-1	
)e2-Methylphenol	ND	ug/kg	330	06/29/98	SAC	96-48-7	
›»bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/29/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	06/29/98	SAC	106-44-5	
;;N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/29/98	SAC	621-64-7	
:]Hexachloroethane	ND	ug/kg	330	06/29/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	06/29/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	06/29/98	SAC	78-59-1	
‡,2-Nitrophenol	ND	ug/kg	330	06/29/98	SAC	88-75-5	
›z4-Dimethylphenol	ND	ug/kg	330	06/29/98	SAC	105-67-9	
›benzoic Acid	ND	ug/kg	1600	06/29/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/29/98	SAC	111-91-1	
)i2,4-Dichlorophenol	ND	ug/kg	330	06/29/98	SAC	120-83-2	
)e1,2,4-Trichlorobenzene	ND	ug/kg	330	06/29/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	06/29/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	06/29/98	SAC	106-47-8	
[nHexachlorobutadiene	ND	ug/kg	330	06/29/98	SAC	87-68-3	
)i4-Chloro-3-methylphenol	ND	ug/kg	660	06/29/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	06/29/98	SAC	91-57-6	
,,Hexachlorocyclopentadiene	ND	ug/kg	330	06/29/98	SAC	77-47-4	
‡-2,4,6-Trichlorophenol	ND	ug/kg	330	06/29/98	SAC	88-06-2	
fe2,4,5-Trichlorophenol	ND	ug/kg	330	06/29/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	06/29/98	SAC	91-58-7	
‡-2-Nitroaniline	ND	ug/kg	1600	06/29/98	SAC	88-74-4	
2,Dimethylphthalate	ND	ug/kg	330	06/29/98	SAC	131-11-3	
›»Acenaphthylene	ND	ug/kg	330	06/29/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	06/29/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	06/29/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	06/29/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	06/29/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703619 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB66-4-10 Date Received: 06/25/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- VOA							
MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
rbon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
1-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703619 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTBG6-4-10 Date Received: 06/25/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
phthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
,2,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
Acetone	9.7	ug/kg	20	07/07/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
Dibromofluoromethane (S)	92	%		07/07/98	TAW	1868-53-7	
Toluene-d8 (S)	102	%		07/07/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	98	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%		07/07/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703627 Date Collected: 06/23/98 Matrix: Soil
..nt Sample ID: TTB66-1-10 Date Received: 06/25/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
...ms -- Semi-VOA							
...nivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
...henol	ND	ug/kg	330	06/29/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	06/29/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	06/29/98	SAC	95-57-8	
...,3-Dichlorobenzene	ND	ug/kg	330	06/29/98	SAC	541-73-1	
...,4-Dichlorobenzene	ND	ug/kg	330	06/29/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	06/29/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	06/29/98	SAC	95-50-1	
...-Methylphenol	ND	ug/kg	330	06/29/98	SAC	95-48-7	
...is(2-Chloroisopropyl)ether	ND	ug/kg	330	06/29/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	06/29/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/29/98	SAC	621-64-7	
...exachloroethane	ND	ug/kg	330	06/29/98	SAC	67-72-1	
...itrobenzene	ND	ug/kg	330	06/29/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	06/29/98	SAC	78-59-1	
...-Nitrophenol	ND	ug/kg	330	06/29/98	SAC	88-75-5	
...4-Dimethylphenol	ND	ug/kg	330	06/29/98	SAC	105-67-9	
...nzoic Acid	ND	ug/kg	1600	06/29/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/29/98	SAC	111-91-1	
...,4-Dichlorophenol	ND	ug/kg	330	06/29/98	SAC	120-83-2	
...,2,4-Trichlorobenzene	ND	ug/kg	330	06/29/98	SAC	120-82-1	
...aphthalene	ND	ug/kg	330	06/29/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	06/29/98	SAC	106-47-8	
...exachlorobutadiene	ND	ug/kg	330	06/29/98	SAC	87-68-3	
...-Chloro-3-methylphenol	ND	ug/kg	660	06/29/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	06/29/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	06/29/98	SAC	77-47-4	
...,4,6-Trichlorophenol	ND	ug/kg	330	06/29/98	SAC	88-06-2	
...,4,5-Trichlorophenol	ND	ug/kg	330	06/29/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	06/29/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	06/29/98	SAC	88-74-4	
...imethylphthalate	ND	ug/kg	330	06/29/98	SAC	131-11-3	
...cenaphthylene	ND	ug/kg	330	06/29/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	06/29/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	06/29/98	SAC	99-09-2	
...cenaphthene	ND	ug/kg	330	06/29/98	SAC	83-32-9	
...,4-Dinitrophenol	ND	ug/kg	1600	06/29/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703627 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB66-1-10 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
)-Nitrophenol	ND	ug/kg	1600	06/29/98	SAC	100-02-7	
ibenzofuran	ND	ug/kg	330	06/29/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	06/29/98	SAC	121-14-2	
)iethylphthalate	ND	ug/kg	330	06/29/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	06/29/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	06/29/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	06/29/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	06/29/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	06/29/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	06/29/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	06/29/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	06/29/98	SAC	87-86-5	
Phenanthrene	75	ug/kg	330	06/29/98	SAC	85-01-8	3
Anthracene	ND	ug/kg	330	06/29/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	06/29/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	06/29/98	SAC	206-44-0	
Pyrene	410	ug/kg	330	06/29/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	06/29/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	06/29/98	SAC	91-94-1	
nzo(a)anthracene	170	ug/kg	330	06/29/98	SAC	56-55-3	3
rysene	ND	ug/kg	330	06/29/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	70	ug/kg	330	06/29/98	SAC	117-81-7	3
Di-n-octylphthalate	ND	ug/kg	330	06/29/98	SAC	117-84-0	
Benzo(b)fluoranthene	170	ug/kg	330	06/29/98	SAC	205-99-2	3
Benzo(k)fluoranthene	86	ug/kg	330	06/29/98	SAC	207-08-9	3
Benzo(a)pyrene	ND	ug/kg	330	06/29/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	84	ug/kg	330	06/29/98	SAC	193-39-5	3
Dibenz(a,h)anthracene	ND	ug/kg	330	06/29/98	SAC	53-70-3	
Benzo(g,h,i)perylene	84	ug/kg	330	06/29/98	SAC	191-24-2	3
Nitrobenzene-d5 (S)	82	%		06/29/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	89	%		06/29/98	SAC	321-60-8	
Terphenyl-d14 (S)	116	%		06/29/98	SAC	1718-51-0	
Phenol-d6 (S)	81	%		06/29/98	SAC	13127-88-3	
2-Fluorophenol (S)	70	%		06/29/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	67	%		06/29/98	SAC	118-79-6	
Date Extracted				06/25/98			

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703635 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB68-1-10 Date Received: 06/25/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- Semi-VOA							
nivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	06/29/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	06/29/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	06/29/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	06/29/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	06/29/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	06/29/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	06/29/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	06/29/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/29/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	06/29/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/29/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	06/29/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	06/29/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	06/29/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	06/29/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	06/29/98	SAC	105-67-9	
Benzoic Acid	70	ug/kg	1600	06/29/98	SAC	65-85-0	3
bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/29/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	06/29/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	06/29/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	06/29/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	06/29/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	06/29/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	06/29/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	06/29/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	06/29/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	06/29/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	06/29/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	06/29/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	06/29/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	06/29/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	06/29/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	06/29/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	06/29/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	06/29/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	06/29/98	SAC	51-28-5	

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Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703635 Date Collected: 06/23/98 Matrix: Soil
Client Sample ID: TTB68-1-10 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	06/29/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	06/29/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	06/29/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	06/29/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	06/29/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	06/29/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	06/29/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	06/29/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	06/29/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	06/29/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	06/29/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	06/29/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	06/29/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	06/29/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	06/29/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	06/29/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	06/29/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	06/29/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	06/29/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	06/29/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	06/29/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	06/29/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	06/29/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	06/29/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	06/29/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	06/29/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	06/29/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	06/29/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	06/29/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	76	%		06/29/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	80	%		06/29/98	SAC	321-60-8	
Terphenyl-d14 (S)	108	%		06/29/98	SAC	1718-51-0	
Phenol-d6 (S)	79	%		06/29/98	SAC	13127-88-3	
2-Fluorophenol (S)	67	%		06/29/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	85	%		06/29/98	SAC	118-79-6	
Date Extracted				06/25/98			

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Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703643 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB69-1-10 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- Semi-VOA							
nivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	06/29/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	06/29/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	06/29/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	06/29/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	06/29/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	06/29/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	06/29/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	06/29/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/29/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	06/29/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/29/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	06/29/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	06/29/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	06/29/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	06/29/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	06/29/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	06/29/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/29/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	06/29/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	06/29/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	06/29/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	06/29/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	06/29/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	06/29/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	06/29/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	06/29/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	06/29/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	06/29/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	06/29/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	06/29/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	06/29/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	06/29/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	06/29/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	06/29/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	06/29/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	06/29/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703643 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB69-1-10 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	06/29/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	06/29/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	06/29/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	06/29/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	06/29/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	06/29/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	06/29/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	06/29/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	06/29/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	06/29/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	06/29/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	06/29/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	06/29/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	06/29/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	06/29/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	06/29/98	SAC	206-44-0	
Pyrene	94	ug/kg	330	06/29/98	SAC	129-00-0	3
Butylbenzylphthalate	ND	ug/kg	330	06/29/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	06/29/98	SAC	91-94-1	
nzo(a)anthracene	ND	ug/kg	330	06/29/98	SAC	56-55-3	
rysene	ND	ug/kg	330	06/29/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	67	ug/kg	330	06/29/98	SAC	117-81-7	3
Di-n-octylphthalate	ND	ug/kg	330	06/29/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	06/29/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	06/29/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	06/29/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	06/29/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	06/29/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	06/29/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	74	%		06/29/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	79	%		06/29/98	SAC	321-60-8	
Terphenyl-d14 (S)	109	%		06/29/98	SAC	1718-51-0	
Phenol-d6 (S)	79	%		06/29/98	SAC	13127-88-3	
2-Fluorophenol (S)	66	%		06/29/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	60	%		06/29/98	SAC	118-79-6	
Date Extracted				06/25/98			

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703650 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB68-2-10 Date Received: 06/25/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C -- Semi-VOA							
CB's in Soil, Low Level		Method: EPA 8080			Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/30/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/30/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/30/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/30/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/30/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/30/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/30/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	16	%		06/30/98	SJW	877-09-8	4
Decachlorobiphenyl (S)	18	%		06/30/98	SJW	2051-24-3	4
Date Extracted				06/26/98			
MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
loromethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
inyl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703650 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB68-2-10 Date Received: 06/25/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
,3,5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
Acetone	8.1	ug/kg	20	07/07/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703650 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB68-2-10 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
Dibromofluoromethane (S)	92	%		07/07/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/07/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	98	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%		07/07/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703668 Date Collected: 06/23/98 Matrix: Soil
Sample ID: TTB69-2-5 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Semi-VOA							
PCB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/30/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/30/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/30/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/30/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/30/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/30/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/30/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	83	%		06/30/98	SJW	877-09-8	
Decachlorobiphenyl (S)	82	%		06/30/98	SJW	2051-24-3	
Date Extracted				06/26/98			
VOA							
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Pace Sample No: 10703668 Date Collected: 06/23/98 Matrix: Soil
Client Sample ID: TTB69-2-5 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
,3,5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
Acetone	8.7	ug/kg	20	07/07/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703668 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB69-2-5 Date Received: 06/25/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
Dibromofluoromethane (S)	92	%		07/07/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/07/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	98	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%		07/07/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

ace Sample No: 10703676 Date Collected: 06/23/98 Matrix: Soil
ient Sample ID: TTB68-3-10 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
...S -- Semi-VOA							
nivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	06/29/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	06/29/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	06/29/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	06/29/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	06/29/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	06/29/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	06/29/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	06/29/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	06/29/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	06/29/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	06/29/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	06/29/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	06/29/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	06/29/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	06/29/98	SAC	88-75-5	
4-Dimethylphenol	ND	ug/kg	330	06/29/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	06/29/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	06/29/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	06/29/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	06/29/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	06/29/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	06/29/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	06/29/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	06/29/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	06/29/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	06/29/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	06/29/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	06/29/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	06/29/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	06/29/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	06/29/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	06/29/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	06/29/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	06/29/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	06/29/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	06/29/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Pace Sample No: 10703676 Date Collected: 06/23/98 Matrix: Soil
Client Sample ID: TTB68-3-10 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	06/29/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	06/29/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	06/29/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	06/29/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	06/29/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	06/29/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	06/29/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	06/29/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	06/29/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	06/29/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	06/29/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	06/29/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	06/29/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	06/29/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	06/29/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	06/29/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	06/29/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	06/29/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	06/29/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	06/29/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	06/29/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	77	ug/kg	330	06/29/98	SAC	117-81-7	3
Di-n-octylphthalate	ND	ug/kg	330	06/29/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	06/29/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	06/29/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	06/29/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	06/29/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	06/29/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	06/29/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	77	%		06/29/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	83	%		06/29/98	SAC	321-60-8	
Terphenyl-d14 (S)	115	%		06/29/98	SAC	1718-51-0	
Phenol-d6 (S)	79	%		06/29/98	SAC	13127-88-3	
2-Fluorophenol (S)	68	%		06/29/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	62	%		06/29/98	SAC	118-79-6	
Date Extracted				06/25/98			

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Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703684 Date Collected: 06/23/98 Matrix: Soil
Sample ID: TTB67-3-10 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	06/29/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	06/29/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	06/29/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	06/29/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	06/29/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	06/29/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	06/29/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	06/29/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	06/29/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	06/29/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	06/29/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	06/29/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	06/29/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	06/29/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	06/29/98	SAC	84-74-2	
Fluoranthene	80	ug/kg	330	06/29/98	SAC	206-44-0	3
Pyrene	140	ug/kg	330	06/29/98	SAC	129-00-0	3
Butylbenzylphthalate	ND	ug/kg	330	06/29/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	06/29/98	SAC	91-94-1	
Benzo(a)anthracene	87	ug/kg	330	06/29/98	SAC	56-55-3	3
Chrysene	95	ug/kg	330	06/29/98	SAC	218-01-9	3
bis(2-Ethylhexyl)phthalate	81	ug/kg	330	06/29/98	SAC	117-81-7	3
Di-n-octylphthalate	ND	ug/kg	330	06/29/98	SAC	117-84-0	
Benzo(b)fluoranthene	95	ug/kg	330	06/29/98	SAC	205-99-2	3
Benzo(k)fluoranthene	ND	ug/kg	330	06/29/98	SAC	207-08-9	
Benzo(a)pyrene	110	ug/kg	330	06/29/98	SAC	50-32-8	3
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	06/29/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	06/29/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	06/29/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	69	%		06/29/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	74	%		06/29/98	SAC	321-60-8	
Terphenyl-d14 (S)	104	%		06/29/98	SAC	1718-51-0	
Phenol-d6 (S)	73	%		06/29/98	SAC	13127-88-3	
2-Fluorophenol (S)	66	%		06/29/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	77	%		06/29/98	SAC	118-79-6	
Date Extracted				06/25/98			

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Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703692 Date Collected: 06/23/98 Matrix: Soil
Client Sample ID: TTB68-4-10 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
VMS -- VOA							
VMS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	

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Pace Project Number: 108154
Client Project ID: 98624-05 13482A

Sample No: 10703692 Date Collected: 06/23/98 Matrix: Soil
Sample ID: TTB68-4-10 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
phthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
,2,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
Acetone	9.9	ug/kg	20	07/07/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
Dibromofluoromethane (S)	90	%		07/07/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/07/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	98	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%		07/07/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703700 Date Collected: 06/23/98 Matrix: Soil
Sample ID: TTB67-2-10 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
PCB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	06/30/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	06/30/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	06/30/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	06/30/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	06/30/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	06/30/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	06/30/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	97	%		06/30/98	SJW	877-09-8	
Decachlorobiphenyl (S)	99	%		06/30/98	SJW	2051-24-3	
Date Extracted				06/26/98			
-- VOA							
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703700 Date Collected: 06/23/98 Matrix: Soil
Client Sample ID: TTBG7-2-10 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
,3,5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
Acetone	8.2	ug/kg	20	07/07/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703700 Date Collected: 06/23/98 Matrix: Soil
nt Sample ID: TTB67-2-10 Date Received: 06/25/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
Dibromofluoromethane (S)	92	%		07/07/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/07/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	98	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%		07/07/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703718 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TT862-4-10 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- VOA							
MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
ichlorodifluoromethane	ND	ug/kg	5	07/07/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/07/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/07/98	TAW	75-01-4	
romomethane	ND	ug/kg	5	07/07/98	TAW	74-83-9	
hloroethane	ND	ug/kg	5	07/07/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/07/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/07/98	TAW	75-09-2	
,1-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	75-35-4	
rans-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	594-20-7	
is-1,2-Dichloroethene	ND	ug/kg	5	07/07/98	TAW	156-59-2	
hloroform	ND	ug/kg	5	07/07/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/07/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	71-55-6	
rbon Tetrachloride	ND	ug/kg	5	07/07/98	TAW	56-23-5	
-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/07/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/07/98	TAW	107-06-2	
richloroethene	ND	ug/kg	5	07/07/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/07/98	TAW	75-27-4	
Tibromomethane	ND	ug/kg	5	07/07/98	TAW	74-95-3	
oluene	ND	ug/kg	5	07/07/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/07/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/07/98	TAW	127-18-4	
,3-Dichloropropane	ND	ug/kg	5	07/07/98	TAW	142-28-9	
ibromochloromethane	ND	ug/kg	5	07/07/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/07/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/07/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	630-20-6	
thylbenzene	ND	ug/kg	5	07/07/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/07/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/07/98	TAW	95-47-6	
tyrene	ND	ug/kg	5	07/07/98	TAW	100-42-5	
romoform	ND	ug/kg	5	07/07/98	TAW	75-25-2	

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Pace Analytical

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Sample No: 10703718 Date Collected: 06/23/98 Matrix: Soil
t Sample ID: TTB62-4-10 Date Received: 06/25/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/07/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/07/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/07/98	TAW	108-86-1	
,2,3-Trichloropropane	ND	ug/kg	5	07/07/98	TAW	96-18-4	
-Propylbenzene	ND	ug/kg	5	07/07/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	108-67-8	
-Chlorotoluene	ND	ug/kg	5	07/07/98	TAW	106-43-4	
,2,4-Trimethylbenzene	ND	ug/kg	5	07/07/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	98-06-6	
-Isopropyltoluene	ND	ug/kg	5	07/07/98	TAW	99-87-6	
,3-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/07/98	TAW	104-51-8	
,2-Dichlorobenzene	ND	ug/kg	5	07/07/98	TAW	95-50-1	
,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/07/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/07/98	TAW	87-68-3	
phthalene	ND	ug/kg	5	07/07/98	TAW	91-20-3	
,2,3-Trichlorobenzene	ND	ug/kg	5	07/07/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/07/98	TAW	10061-01-5	
-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/07/98	TAW	110-75-8	
Acetone	8.9	ug/kg	20	07/07/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/07/98	TAW	78-93-3	
-Methyl-2-Pentanone	ND	ug/kg	10	07/07/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/07/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/07/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/07/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/07/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/07/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/07/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/07/98	TAW	637-92-3	
ert-Amylmethyl ether	ND	ug/kg	5	07/07/98	TAW	994-05-8	
-Methyl-2-propanol	ND	ug/kg	100	07/07/98	TAW	75-65-0	
Dibromofluoromethane (S)	92	%		07/07/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/07/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	98	%		07/07/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%		07/07/98	TAW	17060-07-0	

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Pace Project Number: 108164
Client Project ID: 98624-05 13482A

METER FOOTNOTES

Not Detected
Not Calculable
Pace Reporting Limit
Surrogate
Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
Common laboratory contaminant.
Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
Spiked sample recovery is not within control limits.

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QUALITY CONTROL DATA

ace Analytical Long Beach SC
Gilman Street
Beach, CA 90815

Pace Project Number: 108164
Client Project ID: 98624-05 10482A

: Mr. Richard Villafania
hone: (562)498-9515

atch ID: 13826 QC Batch Method: EPA 3550
ysis Method: EPA 8270 Analysis Description: Semivolatile Organics
ssociated Pace Samples: 10703601 10703627 10703635 10703643 10703676 10703684

ETHOD BLANK: 10702934
ssociated Pace Samples: 10703601 10703627 10703635 10703643 10703676 10703684

arameter	Units	Method Blank Result	PRL	Footnotes
ol	ug/kg	ND	330	
is(2-Chloroethyl)ether	ug/kg	ND	330	
hlorophenol	ug/kg	ND	330	
chlorobenzene	ug/kg	ND	330	
,chlorobenzene	ug/kg	ND	330	
enzyl Alcohol	ug/kg	ND	660	
Dichlorobenzene	ug/kg	ND	330	
thylphenol	ug/kg	ND	330	
is(2-Chloroisopropyl)ether	ug/kg	ND	330	
-Methylphenol	ug/kg	ND	330	
troso-di-n-propylamine	ug/kg	ND	330	
chloroethane	ug/kg	ND	330	
itrobenzene	ug/kg	ND	330	
sophorone	ug/kg	ND	330	
trophenol	ug/kg	ND	330	
Dimethylphenol	ug/kg	ND	330	
enzoic Acid	ug/kg	ND	1600	
is(2-Chloroethoxy)methane	ug/kg	ND	330	
Dichlorophenol	ug/kg	ND	330	
,4-Trichlorobenzene	ug/kg	ND	330	
aphthalene	ug/kg	ND	330	
hloroaniline	ug/kg	ND	660	
chlorobutadiene	ug/kg	ND	330	
loro-3-methylphenol	ug/kg	ND	660	

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QUALITY CONTROL DATA

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

METHOD BLANK: 10702934
Associated Pace Samples: 10703601 10703627 10703635 10703643 10703676 10703684

Parameter	Units	Method Blank Result	PRL	Footnotes
2-Methylnaphthalene	ug/kg	ND	330	
Hexachlorocyclopentadiene	ug/kg	ND	330	
2,4,6-Trichlorophenol	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2-Chloronaphthalene	ug/kg	ND	330	
2-Nitroaniline	ug/kg	ND	1600	
Dimethylphthalate	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
3-Nitroaniline	ug/kg	ND	1600	
Acenaphthene	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1600	
4-Nitrophenol	ug/kg	ND	1600	
Dibenzofuran	ug/kg	ND	330	
2,4-Dinitrotoluene	ug/kg	ND	330	
Diethylphthalate	ug/kg	ND	330	
4-Chlorophenyl-phenylether	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
4-Nitroaniline	ug/kg	ND	1600	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1600	
N-Nitrosodiphenylamine	ug/kg	ND	330	
4-Bromophenyl-phenylether	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1600	
Phenanthrene	ug/kg	ND	330	
Anthracene	ug/kg	ND	330	
Di-n-butylphthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	
Butylbenzylphthalate	ug/kg	ND	330	
3,3'-Dichlorobenzidine	ug/kg	ND	660	
Benzo(a)anthracene	ug/kg	ND	330	
Chrysene	ug/kg	ND	330	
Bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	
Di-n-octylphthalate	ug/kg	ND	330	
Benzo(b)fluoranthene	ug/kg	ND	330	
Benzo(k)fluoranthene	ug/kg	ND	330	
Benzo(a)pyrene	ug/kg	ND	330	

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QUALITY CONTROL DATA

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

METHOD BLANK: 10702934
Associated Pace Samples:

10703601 10703627 10703635 10703643 10703676 10703684

Parameter	Units	Method Blank Result	PRL	Footnotes
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	
Dibenz(a,h)anthracene	ug/kg	ND	330	
Benzo(g,h,i)perylene	ug/kg	ND	330	
Nitrobenzene-d5 (S)	%	82		
2-Fluorobiphenyl (S)	%	82		
Terphenyl-d14 (S)	%	96		
Phenol-d6 (S)	%	87		
2-Fluorophenol (S)	%	76		
2,4,6-Tribromophenol (S)	%	97		

LABORATORY CONTROL SAMPLE & LCSD: 10702942 10702959

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Phenol	ug/kg	2500	1550	62.0	1520	60.8	2	
2-Chlorophenol	ug/kg	2500	1563	62.5	1577	63.1	1	
1,4-Dichlorobenzene	ug/kg	1667	1523	91.4	1527	91.6	0	
N-Nitroso-di-n-propylamine	ug/kg	1667	1617	97.0	1607	96.4	1	
1,2,4-Trichlorobenzene	ug/kg	1667	1273	76.4	1290	77.4	1	
4-Chloro-3-methylphenol	ug/kg	2500	1540	61.6	1500	60.0	3	
Acenaphthene	ug/kg	1667	1563	93.8	1577	94.6	1	
4-Nitrophenol	ug/kg	2500	1587	63.5	1543	61.7	3	1,1
2,4-Dinitrotoluene	ug/kg	1667	1610	96.6	1600	96.0	1	
Pentachlorophenol	ug/kg	2500	1297	51.9	1273	50.9	2	1,1
Pyrene	ug/kg	1667	1670	100	1740	104	4	
Nitrobenzene-d5 (S)				84		81		
2-Fluorobiphenyl (S)				83		80		
Terphenyl-d14 (S)				89		96		

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QUALITY CONTROL DATA

ace Analytical Long Beach SC
Gilman Street
Beach, CA 90815

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Mr. Richard Villafania
(562)498-9515

atch ID: 13828 QC Batch Method: EPA 3550
ysis Method: EPA 8080 Analysis Description: PCB's in Soil, Low Level
ssociated Pace Samples: 10703593 10703650 10703668 10703700

D BLANK: 10702991
ssociated Pace Samples:
10703593 10703650 10703668 10703700

arameter	Units	Method Blank Result	PRL	Footnotes
1016 (Arochlor 1016)	mg/kg	ND	0.03	
1221 (Arochlor 1221)	mg/kg	ND	0.03	
CB-1232 (Arochlor 1232)	mg/kg	ND	0.03	
1242 (Arochlor 1242)	mg/kg	ND	0.03	
1248 (Arochlor 1248)	mg/kg	ND	0.03	
1254 (Arochlor 1254)	mg/kg	ND	0.03	
CB-1260 (Arochlor 1260)	mg/kg	ND	0.03	
chloro-meta-xylene (S)	%	93		
chlorobiphenyl (S)	%	93		

ATORY CONTROL SAMPLE & LCSD: 10703007 10703015

arameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
1016 (Arochlor 1016)	mg/kg	0.33	0.3181	95.4	0.3170	95.1	0	
1260 (Arochlor 1260)	mg/kg	0.33	0.3109	93.3	0.3047	91.4	2	
etrachloro-meta-xylene (S)				99		97		
rachlorobiphenyl (S)				94		98		

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QUALITY CONTROL DATA

ce Analytical Long Beach SC
Gilman Street
Beach, CA 90815

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

Mr. Richard Villafania
one: (562)498-9515

LCh ID: 14191
ysis Method: EPA 8260
ssociated Pace Samples: 10703593 10703619 10703650 10703668 10703692 10703700 10703718

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260

THOD BLANK: 10721595
ssociated Pace Samples: 10703593 10703619 10703650 10703668 10703692 10703700 10703718

...meter	Units	Method Blank Result	PRL	Footnotes
...lorodifluoromethane	ug/kg	ND	5	
loromethane	ug/kg	ND	5	
Chloride	ug/kg	ND	5	
ethane	ug/kg	ND	5	
ethane	ug/kg	ND	5	
ichlorofluoromethane	ug/kg	ND	5	
lene Chloride	ug/kg	ND	5	
ichloroethene	ug/kg	ND	5	
ans-1,2-Dichloroethene	ug/kg	ND	5	
1-Dichloroethane	ug/kg	ND	5	
ichloropropane	ug/kg	ND	5	
,2-Dichloroethene	ug/kg	ND	5	
loroform	ug/kg	ND	5	
omochloromethane	ug/kg	ND	5	
-Trichloroethane	ug/kg	ND	5	
n Tetrachloride	ug/kg	ND	5	
1-Dichloropropene	ug/kg	ND	5	
nzene	ug/kg	ND	5	
ichloroethane	ug/kg	ND	5	
loroethene	ug/kg	ND	5	
2-Dichloropropane	ug/kg	ND	5	
...odichloromethane	ug/kg	ND	5	
omomethane	ug/kg	ND	5	
...ene	ug/kg	ND	5	

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QUALITY CONTROL DATA

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

OD BLANK: 10721595
ciated Pace Samples:

	10703593	10703619	10703650	10703668	10703692	10703700	10703718

meter	Units	Method Blank Result	PRL	Footnotes
,1,2-Trichloroethane	ug/kg	ND	5	
achloroethene	ug/kg	ND	5	
Dichloropropane	ug/kg	ND	5	
nbromochloromethane	ug/kg	ND	5	
,2-Dibromoethane	ug/kg	ND	5	
robenzene	ug/kg	ND	5	
1,2-Tetrachloroethane	ug/kg	ND	5	
thylbenzene	ug/kg	ND	5	
&P-Xylene	ug/kg	ND	5	
lene (1,2-Dimethylbenzene)	ug/kg	ND	5	
one	ug/kg	ND	5	
romoform	ug/kg	ND	5	
propylbenzene (Cumene)	ug/kg	ND	5	
2,2-Tetrachloroethane	ug/kg	ND	5	
obenzene	ug/kg	ND	5	
,2,3-Trichloropropane	ug/kg	ND	5	
opylbenzene	ug/kg	ND	5	
rotoluene	ug/kg	ND	5	
Trimethylbenzene	ug/kg	ND	5	
-Chlorotoluene	ug/kg	ND	5	
4-Trimethylbenzene	ug/kg	ND	5	
Butylbenzene	ug/kg	ND	5	
ert-Butylbenzene	ug/kg	ND	5	
-Isopropyltoluene	ug/kg	ND	5	
Dichlorobenzene	ug/kg	ND	5	
Dichlorobenzene	ug/kg	ND	5	
-Butylbenzene	ug/kg	ND	5	
,2-Dichlorobenzene	ug/kg	ND	5	
Dibromo-3-Chloropropane	ug/kg	ND	5	
4-Trichlorobenzene	ug/kg	ND	5	
exachlorobutadiene	ug/kg	ND	5	
aphthalene	ug/kg	ND	5	
3-Trichlorobenzene	ug/kg	ND	5	
s-1,3-Dichloropropene	ug/kg	ND	5	
is-1,3-Dichloropropene	ug/kg	ND	5	
loroethyl Vinyl Ether	ug/kg	ND	5	
one	ug/kg	7.5	20	1,2
tanone	ug/kg	ND	10	

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QUALITY CONTROL DATA

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

METHOD BLANK: 10721595
Associated Pace Samples: 10703593 10703619 10703650 10703668 10703692 10703700 10703718

Parameter	Units	Method Blank Result	PRL	Footnotes
4-Methyl-2-Pentanone	ug/kg	ND	10	
Carbon Disulfide	ug/kg	ND	10	
2-Hexanone	ug/kg	ND	100	
Vinyl Acetate	ug/kg	ND	100	
Methyl-tert-butyl Ether	ug/kg	ND	5	
Styrene	ug/kg	ND	500	
Isopropyl Ether	ug/kg	ND	5	
Ethyl-tert-butyl ether	ug/kg	ND	5	
tert-Amylmethyl ether	ug/kg	ND	5	
1,4-Dichloroethane-d4 (S)	%	94		
Toluene-d8 (S)	%	100		
4-Bromofluorobenzene (S)	%	100		
1,2-Dichloroethane-d4 (S)	%	108		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10721611 10721629

Parameter	Units	10703593	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Dichlorodifluoromethane	ug/kg	0	50	48.00	96.0	44.00	88.0	9	
Chloromethane	ug/kg	0	50	46.00	92.0	34.00	68.0	30	
Vinyl Chloride	ug/kg	0	50	57.00	114	52.00	104	9	
Bromomethane	ug/kg	0	50	38.00	76.0	18.00	36.0	71	
Chloroethane	ug/kg	0	50	52.00	104	49.00	98.0	6	
Trichlorofluoromethane	ug/kg	0	50	47.00	94.0	42.00	84.0	11	
Methylene Chloride	ug/kg	0	50	44.00	88.0	40.00	80.0	10	
1,1-Dichloroethene	ug/kg	0	50	44.00	88.0	40.00	80.0	10	
trans-1,2-Dichloroethene	ug/kg	0	50	42.00	84.0	37.00	74.0	13	
1,1-Dichloroethane	ug/kg	0	50	46.00	92.0	42.00	84.0	9	
1,2-Dichloropropane	ug/kg	0	50	44.00	88.0	40.00	80.0	10	
cis-1,2-Dichloroethene	ug/kg	0	50	43.00	86.0	38.00	76.0	12	
Chloroform	ug/kg	0	50	44.00	88.0	41.00	82.0	7	
Dichloromethane	ug/kg	0	50	42.00	84.0	39.00	78.0	7	
1,1,1-Trichloroethane	ug/kg	0	50	46.00	92.0	42.00	84.0	9	
Carbon Tetrachloride	ug/kg	0	50	44.00	88.0	41.00	82.0	7	
1,2-Dichloropropene	ug/kg	0	50	44.00	88.0	39.00	78.0	12	
Benzene	ug/kg	0	50	46.00	92.0	42.00	84.0	9	

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QUALITY CONTROL DATA

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10721611 10721629

Parameter	Units	10703593	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Dichloroethane	ug/kg	0	50	45.00	90.0	43.00	86.0	5	
chloroethene	ug/kg	0	50	44.00	88.0	39.00	78.0	12	
Dichloropropane	ug/kg	0	50	46.00	92.0	43.00	86.0	7	
bromodichloromethane	ug/kg	0	50	44.00	88.0	41.00	82.0	7	
omomethane	ug/kg	0	50	43.00	86.0	40.00	80.0	7	
ene	ug/kg	0	50	44.00	88.0	39.00	78.0	12	
1,2-Trichloroethane	ug/kg	0	50	44.00	88.0	43.00	86.0	2	
Tetrachloroethene	ug/kg	0	50	44.00	88.0	38.00	76.0	15	
Dichloropropane	ug/kg	0	50	44.00	88.0	42.00	84.0	5	
omochloromethane	ug/kg	0	50	42.00	84.0	40.00	80.0	5	
2-Dibromoethane	ug/kg	0	50	40.00	80.0	39.00	78.0	3	
Chlorobenzene	ug/kg	0	50	39.00	78.0	34.00	68.0	14	
1,2-Tetrachloroethane	ug/kg	0	50	44.00	88.0	41.00	82.0	7	
lbenzene	ug/kg	0	50	44.00	88.0	38.00	76.0	15	
M&P-Xylene	ug/kg	0	100	85.00	85.0	74.00	74.0	14	
O-Xylene (1,2-Dimethylbenzene)	ug/kg	0	50	42.00	84.0	37.00	74.0	13	
ene	ug/kg	0	50	38.00	76.0	34.00	68.0	11	
oform	ug/kg	0	50	40.00	80.0	39.00	78.0	3	
Isopropylbenzene (Cumene)	ug/kg	0	50	42.00	84.0	36.00	72.0	15	
1,2,2-Tetrachloroethane	ug/kg	0	50	40.00	80.0	39.00	78.0	3	
benzene	ug/kg	0	50	37.00	74.0	32.00	64.0	14	
Trichloropropane	ug/kg	0	50	42.00	84.0	42.00	84.0	0	
n-Propylbenzene	ug/kg	0	50	41.00	82.0	35.00	70.0	16	
Chlorotoluene	ug/kg	0	50	40.00	80.0	34.00	68.0	16	
3,5-Trimethylbenzene	ug/kg	0	50	40.00	80.0	34.00	68.0	16	
4-Chlorotoluene	ug/kg	0	50	37.00	74.0	32.00	64.0	14	
1,2,4-Trimethylbenzene	ug/kg	0	50	38.00	76.0	33.00	66.0	14	
ßutylbenzene	ug/kg	0	50	38.00	76.0	32.00	64.0	17	
-Butylbenzene	ug/kg	0	50	40.00	80.0	34.00	68.0	16	
p-Isopropyltoluene	ug/kg	0	50	37.00	74.0	32.00	64.0	14	
1,3-Dichlorobenzene	ug/kg	0	50	34.00	68.0	29.00	58.0	16	
Dichlorobenzene	ug/kg	0	50	32.00	64.0	28.00	56.0	13	
tylbenzene	ug/kg	0	50	34.00	68.0	29.00	58.0	16	
1,2-Dichlorobenzene	ug/kg	0	50	34.00	68.0	30.00	60.0	12	
1,2-Dibromo-3-Chloropropane	ug/kg	0	50	38.00	76.0	39.00	78.0	3	
1,4-Trichlorobenzene	ug/kg	0	50	24.00	48.0	21.00	42.0	13	
chlorobutadiene	ug/kg	0	50	29.00	58.0	24.00	48.0	19	
Naphthalene	ug/kg	0	50	23.00	46.0	22.00	44.0	4	
1,2,3-Trichlorobenzene	ug/kg	0	50	24.00	48.0	21.00	42.0	13	
cis-1,3-Dichloropropene	ug/kg	0	50	40.00	80.0	36.00	72.0	11	
1,3-Dichloropropene	ug/kg	0	50	42.00	84.0	38.00	76.0	10	

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QUALITY CONTROL DATA

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 10721611 10721629

Parameter	Units	10703593	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Bromofluoromethane (S)					94		96		
Toluene-d8 (S)					98		98		
4-Bromofluorobenzene (S)					100		102		
1,2-Dichloroethane-d4 (S)					100		106		

LABORATORY CONTROL SAMPLE: 10721603

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	50	50.00	100	
Chloromethane	ug/kg	50	52.00	104	
Vinyl Chloride	ug/kg	50	53.00	106	
Bromomethane	ug/kg	50	46.00	92.0	
Chloroethane	ug/kg	50	59.00	118	
Trichlorofluoromethane	ug/kg	50	52.00	104	
Methylene Chloride	ug/kg	50	55.00	110	
1,1-Dichloroethene	ug/kg	50	52.00	104	
trans-1,2-Dichloroethene	ug/kg	50	54.00	108	
1,1-Dichloroethane	ug/kg	50	55.00	110	
2,2-Dichloropropane	ug/kg	50	56.00	112	
cis-1,2-Dichloroethene	ug/kg	50	56.00	112	
Chloroform	ug/kg	50	55.00	110	
Bromochloromethane	ug/kg	50	54.00	108	
1,1,1-Trichloroethane	ug/kg	50	53.00	106	
Carbon Tetrachloride	ug/kg	50	52.00	104	
1,1-Dichloropropene	ug/kg	50	55.00	110	
Benzene	ug/kg	50	58.00	116	
1,2-Dichloroethane	ug/kg	50	57.00	114	
Trichloroethene	ug/kg	50	55.00	110	
1,2-Dichloropropane	ug/kg	50	56.00	112	
Dibromomethane	ug/kg	50	55.00	110	
Bromodichloromethane	ug/kg	50	53.00	106	
Toluene	ug/kg	50	56.00	112	
1,1,2-Trichloroethane	ug/kg	50	55.00	110	
Tetrachloroethene	ug/kg	50	53.00	106	
1,3-Dichloropropane	ug/kg	50	54.00	108	
Dibromochloromethane	ug/kg	50	53.00	106	
1,2-Dibromoethane	ug/kg	50	53.00	106	
Chlorobenzene	ug/kg	50	55.00	110	
1,1,1,2-Tetrachloroethane	ug/kg	50	56.00	112	

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QUALITY CONTROL DATA

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

ABORATORY CONTROL SAMPLE: 10721603

ameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
lbenzene	ug/kg	50	56.00	112	
Xylene	ug/kg	100	110.0	110	
-Xylene (1,2-Dimethylbenzene)	ug/kg	50	56.00	112	
tyrene	ug/kg	50	58.00	116	
bform	ug/kg	50	53.00	106	
ropylbenzene (Cumene)	ug/kg	50	55.00	110	
1,2,2-Tetrachloroethane	ug/kg	50	52.00	104	
romobenzene	ug/kg	50	56.00	112	
3-Trichloropropane	ug/kg	50	52.00	104	
ppylbenzene	ug/kg	50	56.00	112	
-Chlorotoluene	ug/kg	50	56.00	112	
3,5-Trimethylbenzene	ug/kg	50	55.00	110	
lorotoluene	ug/kg	50	56.00	112	
4-Trimethylbenzene	ug/kg	50	56.00	112	
ec-Butylbenzene	ug/kg	50	54.00	108	
ert-Butylbenzene	ug/kg	50	53.00	106	
ppropyltoluene	ug/kg	50	55.00	110	
Dichlorobenzene	ug/kg	50	56.00	112	
,4-Dichlorobenzene	ug/kg	50	55.00	110	
tylbenzene	ug/kg	50	56.00	112	
chlorobenzene	ug/kg	50	55.00	110	
bromo-3-Chloropropane	ug/kg	50	50.00	100	
2,4-Trichlorobenzene	ug/kg	50	55.00	110	
chlorobutadiene	ug/kg	50	52.00	104	
thalene	ug/kg	50	48.00	96.0	
2,3-Trichlorobenzene	ug/kg	50	53.00	106	
rans-1,3-Dichloropropene	ug/kg	50	55.00	110	
1,3-Dichloropropene	ug/kg	50	57.00	114	
omofluoromethane (S)				98	
luene-d8 (S)				98	
-Bromofluorobenzene (S)				102	
Dichloroethane-d4 (S)				102	

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Fax: 612-617-6444

Pace Project Number: 108164
Client Project ID: 98624-05 13482A

ITY CONTROL DATA PARAMETER FOOTNOTES

...istent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.
) Not Detected
Not Calculable
Pace Reporting Limit
-D Relative Percent Difference
S) Surrogate
Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
Common laboratory contaminant.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

13482A Page 1 of 9
980624-05

423802

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☒ 1 Week 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Transbay Term.		*Requested Due Date: 7/9/98
Sampler Signature: ←	Date Sampled: 6-25-98		

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	TTB62-2-1	750	S								X	X	X	X			
2	TTB62-2-3	755									↓	↓	↓	↓			
3	TTB62-2-5	800									↓	↓	↓	↓			RUSH
4	TTB62-2-10	805									↓	↓	↓	↓			Archive
5	TTB62-1-1	825									X	X	X	X			
6	TTB62-1-3	830									↓	↓	↓	↓			
7	TTB62-1-5	835									↓	↓	↓	↓			
8	TTB62-1-10	840	✓								↓	↓	↓	↓			RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
Fed Ex	804837270785	6-23	

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← / PSI	6/29/98	1600	Hung Lam / Pace	6-24	900

SAMPLE CONDITION

Temp: 6 °C °C	Received on Ice: (Y) N	Sealed Cooler: (Y) N	Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

134824 Page 2 of 9
980624-05

42380

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86-001		Pace Project No.
	Project Name / No.: Treasure Island Term.		*Requested Due Date:

Sampled By (PRINT): Scott Powers

Sampler Signature:

Date Sampled: 6/23/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	TTB62-1-15	845	S														Archive
2	TTB66-4-1	850									X	X		X			
3	TTB66-4-3	855									↓	↓		↓			
4	TTB66-4-5	900															
5	TTB66-4-10	905															RUSH
6	TTB66-4-15	910															Archive
7	TTB66-1-1	945									X	X	X		X		
8	TTB66-1-3	950	↓								X	X	X		X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	/ PSI	9/23/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

423804

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980624-05 Page 3 of 9

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PST	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86-001		Pace Project No.
	Project Name / No.: Treasbay Term.		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature]

Date Sampled: 6/23/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	TTB66-1-5	955	S								X	X	X	X			
2	TTB66-1-10	1000									X	X	X	X			RUSH
3	TTB66-1-15	1005															Archive
4	TTB68-1-1	1010									X	X	X	X			
5	TTB68-1-3	1015									X	X	X	X			
6	TTB68-1-5	1020									X	X	X	X			
7	TTB68-1-10	1025									X	X	X	X			RUSH
8	TTB68-1-15	1030	V														Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PST	6/23/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Analytical

13482A
980624-05 Page 4 of 9

423805

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PST	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Transbay Term		*Requested Due Date:
Sampler Signature: ←	Date Sampled: 6/23/98		

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	TTB69-1-1	1035	S								X	X	X	X			
2	TTB69-1-3	1040									↓	↓	↓	↓			
3	TTB69-1-5	1045															
4	TTB69-1-10	1050									V	V	V	V			RUSH
5	TTB69-1-15	1055															Archive
6	TTB68-2-1	1215									X	X	X	X			
7	TTB68-2-3	1220									X	X	X	X			
8	TTB68-2-5	1225	V								X	X	X	X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← PST	6/23/98	1650			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

423808

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980624-05

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Transbay Term		*Requested Due Date:
Sampler Signature:	Date Sampled: 6/23/98		

ITEM No.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-5	BTEX	VOCs	SVOCs	PCB's	REMARKS
1	TTB 68-2-10	1230	S								X	X	X		X		RUSH
2	TTB 68-2-15	1235															Archive
3	TTB 69-2-1	1240									X	X	X		X		
4	TTB 69-2-3	1245															
5	TTB 69-2-5	1250															Rush
6	TTB 69-2-10	1255															Archive
7	~~TTB 68-2-15~~	1300															
8	TTB 68-3-1	1300									X	X	X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/23/98	1600			

Additional Comments:

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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423806

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave	Bill To:		Pace Project Manager
Hayward, CA 94545	P.O. # / Billing Reference: 575-8601		Pace Project No.
Phone: (510) 785-1111	Project Name / No.: Transbay Term.		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature] Date Sampled: 6/23/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: (CAM Metals)	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	TTB68-3-3	1305	S								X	X	X	X			
2	TTB68-3-5	1310									↓	↓	↓	↓			
3	TTB68-3-10	1315									↓	↓	↓	↓			RUSH
4	TTB68-3-15	1320															Archive
5	TTB67-3-1	1335									X	X	X	X			
6	TTB67-3-3	1340									↓	↓	↓	↓			
7	TTB67-3-5	1345															
8	TTB67-3-10	1350	↓								↓	↓	↓	↓			RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSI	6/23/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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423809

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1570 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-3601		Pace Project No.
	Project Name / No.: Tony Toy Tom		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: _____ Date Sampled: 6-23-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR metals	TTH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	TTB67-3-15	1355	S														Archive
2	TTB68-4-1	1410									X	X	X				
3	TTB68-4-3	1415									X	X	X				
4	TTB68-4-5	1420									X	X	X				
5	TTB68-4-10	1425									X	X	X				RUSH
6	TTB68-4-15	1430															Archive
7	TTB67-2-1	1435									X	X	X	X			
8	TTB67-2-3	1440	V								X	X	X	X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/23/98				

Additional Comments

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Analytical

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423807

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PST	Report To: Frank Poss
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8000
Sampled By (PRINT): Scott Bowes	Project Name / No.: Treasure Island
Sampler Signature:	Date Sampled: 6/23/98

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week ☐ 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

ITEM #	SAMPLE DESCRIPTION	TIME*	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-D	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	WTB69-1	1105	W								X	X	X	X	X	X	
2																	
3																	
4																	
5																	
6																	
7																	
8																	

*SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PST	6/23/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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SITE INVESTIGATION REPORT
VOLUME 14 (APPENDIX C)

WEST APPROACH PROJECT INCLUDING
TRANSBAY TERMINAL LOOP
SAN FRANCISCO, CALIFORNIA

prepared for

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

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

prepared by

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
Environmental Engineering Branch
&
Professional Service Industries, Inc.
1320 West Winton Avenue
Hayward, California 94545
(510) 785-1111

June, 1999
575-8G001

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS TBT
Site Location:

PACE ANALYTICAL Project #: 980625-01
PACE ANALYTICAL WO #: 13488A
Client ID #: 8G001 TBT

Date: 7/27/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/24/98 and received on 06/25/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Soil)	2-8
CCR Metals (Water)	9-10
BTEX (Soil)	11-13
BTEX (Water)	14-15
TPH-Speciation (Soil)	16-17
TPH-Speciation (Water)	18-19
List of Abbreviations and Definitions	20

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1235

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Analyst:	BJ
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB67-4-S	TTB67-4-3	TTB67-4-5	TTB67-4-10	TTB69-4-S	TTB69-4-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	11	<5.0	<5.0	5.0	6010
Arsenic (As)	21	5.6	7.6	5.2	8.8	11	5.0	6010
Barium (Ba)	210	26	66	22	89	120	10	6010
Beryllium (Be)	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	24	22	25	20	18	21	0.5	6010
Cobalt (Co)	18	3.4	3.6	3.2	7.2	11	1.0	6010
Copper (Cu)	29	6.6	28	29	39	26	2.5	6010
Lead (Pb)	16	58	22	230	190	61	1.0	6010
Mercury (Hg)*	0.07	3.0	0.25	1.1	0.52	0.73	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	43	15	20	14	22	27	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	24	14	16	14	16	19	0.5	6010
Zinc (Zn)	57	82	84	110	100	74	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/01/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc
3970 Gilman St.
Long Beach, CA 90815
Tel. 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 980625-01
PACE ANALYTICAL WO# 13488A
Client ID# 8G001 TBT

Analyst:	BJ
Preparation Analyst.	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB69-4-5	TTB69-4-10	TTB69-3-S	TTB69-3-3	TTB69-3-5	TTB69-3-10	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	6.7	6.5	8.3	7.7	<5.0	5.9	5.0	6010
Barium (Ba)	33	53	39	21	35	32	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	25	29	31	25	20	21	0.5	6010
Cobalt (Co)	4.1	3.9	4.7	3.5	3.2	10	1.0	6010
Copper (Cu)	26	29	19	27	13	28	2.5	6010
Lead (Pb)	98	150	220	41	83	82	1.0	6010
Mercury (Hg)*	0.47	0.36	0.60	0.28	0.23	0.40	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	17	17	19	16	14	17	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	19	19	20	18	15	15	0.5	6010
Zinc (Zn)	130	150	100	68	63	94	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/01/98

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 980625-01
PACE ANALYTICAL WO#:13488A
Client ID#:86001 TBT

Analyst:	BJ
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB67-1-S	TTB67-1-3	TTB67-1-5	TTB67-1-10	DTBS6-2-S	DTBS6-2-3		EPA
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	PRL mg/kg	Method
Date Analyzed:	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	7.9	7.2	6.2	6.8	22	16	5.0	6010
Barium (Ba)	55	27	39	62	150	85	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	0.5	6010
Chromium (Cr)	25	32	29	25	21	41	0.5	6010
Cobalt (Co)	5.5	3.9	3.8	4.3	16	9.6	1.0	6010
Copper (Cu)	43	150	25	22	29	13	2.5	6010
Lead (Pb)	110	55	110	79	16	37	1.0	6010
Mercury (Hg)*	0.33	0.41	0.50	0.82	0.42	1.5	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	19	18	17	17	44	43	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	17	20	22	19	27	32	0.5	6010
Zinc (Zn)	120	180	71	75	63	51	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/01/98

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Pace Analytical

PACE ANALYTICAL Project# 980625-01
PACE ANALYTICAL WO# 13488A
Client ID# 6G001 TBT

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		07/23/98		07/23/98	07/23/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	94	70-130	73	75	60-130	2.7	0-25
Arsenic (As)	6010	92	78-104	88	93	34-135	5.5	0-15
Barium (Ba)	6010	89	81-117	84	86	55-130	2.4	0-25
Beryllium (Be)	6010	89	70-130	89	93	70-130	4.4	0-25
Cadmium (Cd)	6010	95	75-104	91	92	73-115	1.1	0-15
Chromium (Cr)	6010	94	81-103	78	89	62-125	13	0-15
Cobalt (Co)	6010	94	70-130	87	89	70-130	2.3	0-25
Copper (Cu)	6010	94	70-130	72	85	70-140	17	0-25
Lead (Pb)	6010	94	76-104	66	70	48-120	5.9	0-30
Mercury (Hg)*	7471	106	76-121	128**	148**	70-135	14	0-30
Molybdenum (Mo)	6010	93	70-130	86	87	70-130	1.2	0-25
Nickel (Ni)	6010	92	70-130	86	91	70-130	5.6	0-25
Selenium (Se)	6010	94	79-102	83	90	42-120	8.1	0-16
Silver (Ag)	6010	93	77-107	89	92	53-115	3.3	0-19
Thallium (Tl)	6010	91	70-130	83	86	70-130	3.6	0-25
Vanadium (V)	6010	92	70-130	84	93	70-130	10	0-25
Zinc (Zn)	6010	99	70-130	76	71	70-130	6.8	0-25

*Mercury analyzed on 07/01/98.
**Sample matrix effect

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PACE ANALYTICAL Project# 980625-01
PACE ANALYTICAL WO#:10488A
Client ID# 8G001 TBT

Analyst:	BJ
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB59-2-S	DTB59-2-3	DTB57-2-S	DTB57-2-3	DTB58-2-S	DTB58-2-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	14	12	24	15	18	12	5.0	6010
Barium (Ba)	170	280	240	120	190	140	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	<0.5	0.7	<0.5	0.5	6010
Cadmium (Cd)	0.9	0.7	0.6	0.7	<0.5	<0.5	0.5	6010
Chromium (Cr)	22	16	24	24	25	24	0.5	6010
Cobalt (Co)	7.2	3.4	13	8.8	22	9.9	1.0	6010
Copper (Cu)	180	37	39	200	34	36	2.5	6010
Lead (Pb)	450	140	16	180	23	150	1.0	6010
Mercury (Hg)*	1.4	3.1	0.13	3.1	0.32	0.39	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	22	13	44	31	57	28	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	6.7	<5.0	<5.0	5.0	6010
Vanadium (V)	23	16	24	28	26	24	0.5	6010
Zinc (Zn)	280	250	84	150	75	110	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/01/98

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PACE ANALYTICAL Project#:980625-01
PACE ANALYTICAL WO#:13488A
Client ID#:BC001 TBT

Analyst:	BJ
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB57-1-S	DTB57-1-3	DTB58-1-3	DTB58-1-3	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98		
Analyte							
Antimony (Sb)	<5.0	<50	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	19	<50	17	9.1	<5.0	5.0	6010
Barium (Ba)	150	<100	180	53	<10	10	6010
Beryllium (Be)	<0.5	<5.0	0.6	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<5.0	<0.5	0.5	<0.5	0.5	6010
Chromium (Cr)	25	5.9	21	29	<0.5	0.5	6010
Cobalt (Co)	12	<10	16	5.5	<1.0	1.0	6010
Copper (Cu)	31	<25	31	55	<2.5	2.5	6010
Lead (Pb)	79	31	210	130	<1.0	1.0	6010
Mercury (Hg)*	0.09	3.7	0.20	1.0	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<25	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	36	<10	43	20	<1.0	1.0	6010
Selenium (Se)	<2.5	<25	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<5.0	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	6.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	24	9.8	20	24	<0.5	0.5	6010
Zinc (Zn)	73	<100	57	100	<10	10	6010
DF	1	10	1	1	1		

*Mercury analyzed on 07/01/98.

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PACE ANALYTICAL Project#:980625-01
PACE ANALYTICAL WO#:13488A
Client ID#:8G001 TBT

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		07/23/98		07/23/98	07/23/98			
Antimony (Sb)	6010	90	70-130	55**	62	60-130	12	0-25
Arsenic (As)	6010	89	78-104	85	83	34-135	2.4	0-15
Barium (Ba)	6010	92	81-117	88	86	55-130	2.3	0-25
Beryllium (Be)	6010	89	70-130	88	88	70-130	0.0	0-25
Cadmium (Cd)	6010	90	75-104	83	84	73-115	1.2	0-15
Chromium (Cr)	6010	91	81-103	83	78	62-125	6.2	0-15
Cobalt (Co)	6010	90	70-130	86	82	70-130	4.8	0-25
Copper (Cu)	6010	93	70-130	54**	70	70-140	26	0-25
Lead (Pb)	6010	91	76-104	76	77	48-120	2.3	0-30
Mercury (Hg)*	7471	106	76-121	105	102	70-135	3.0	0-30
Molybdenum (Mo)	6010	90	70-130	81	82	70-130	1.2	0-25
Nickel (Ni)	6010	90	70-130	86	82	70-130	4.8	0-25
Selenium (Se)	6010	92	79-102	82	83	42-120	1.2	0-16
Silver (Ag)	6010	90	77-107	83	83	53-115	0.0	0-19
Thallium (Tl)	6010	89	70-130	86	88	70-130	2.3	0-25
Vanadium (V)	6010	91	70-130	88	79	70-130	11	0-25
Zinc (Zn)	6010	97	70-130	79	79	70-130	0.0	0-25

*Mercury analyzed on 07/01/98.
**Sample matrix effect.

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Pace Analytical

PACE ANALYTICAL Project# 980625-01
PACE ANALYTICAL WO#:10468A
Client ID# 8G001 TBT

Analyst:	SC
Preparation Analyst:	JS
Preparation Method:	EPA3010
Matrix:	Water

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB69-4-W	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	
Date Analyzed:	06/30/98	06/30/98		
Analyte				
Antimony (Sb)	<0.13	<0.13	0.13	6010
Arsenic (As)	<0.13	<0.13	0.13	6010
Barium (Ba)	<0.25	<0.25	0.25	6010
Beryllium (Be)	<0.013	<0.013	0.013	6010
Cadmium (Cd)	<0.013	<0.013	0.013	6010
Chromium (Cr)	<0.013	<0.013	0.013	6010
Cobalt (Co)	<0.025	<0.025	0.025	6010
Copper (Cu)	<0.063	<0.063	0.063	6010
Lead (Pb)	<0.025	<0.025	0.025	6010
Mercury (Hg)	<0.0002	<0.0002	0.0002	7471
Molybdenum (Mo)	<0.063	<0.063	0.063	6010
Nickel (Ni)	<0.25	<0.25	0.025	6010
Selenium (Se)	<0.063	<0.063	0.063	6010
Silver (Ag)	<0.013	<0.013	0.013	6010
Thallium (Tl)	<0.13	<0.13	0.13	6010
Vanadium (V)	<0.013	<0.013	0.013	6010
Zinc (Zn)	<0.25	<0.25	0.25	6010
DF	1	1		

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PACE ANALYTICAL Project#:980625-01
PACE ANALYTICAL WO#:13488A
Client ID#:8G001 TBT

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: EPA3010
Matrix: Water

ANALYSIS OF CCR TITLE 22/20 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		06/30/98		06/30/98	06/30/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	100	70-130	102	102	70-130	0.0	0-25
Arsenic (As)	6010	100	70-130	102	102	79-118	0.0	0-9
Barium (Ba)	6010	98	70-130	104	104	76-114	0.0	0-9
Beryllium (Be)	6010	99	70-130	99	99	70-130	0.0	0-25
Cadmium (Cd)	6010	99	70-130	102	102	78-108	0.0	0-9
Chromium (Cr)	6010	99	70-130	101	102	75-108	1.0	0-9
Cobalt (Co)	6010	99	70-130	100	100	70-130	0.0	0-25
Copper (Cu)	6010	99	70-130	104	104	70-130	0.0	0-25
Lead (Pb)	6010	99	70-130	104	103	74-106	1.0	0-9
Mercury (Hg)	7471	99	70-130	84	84	80-122	0.0	0-10
Molybdenum (Mo)	6010	99	70-130	101	101	70-130	0.0	0-25
Nickel (Ni)	6010	99	70-130	100	100	70-130	0.0	0-25
Selenium (Se)	6010	99	70-130	106	106	77-120	0.0	0-10
Silver (Ag)	6010	101	70-130	84	84	69-110	0.0	0-8
Thallium (Tl)	6010	97	70-130	103	103	70-130	0.0	0-25
Vanadium (V)	6010	99	70-130	102	102	70-130	0.0	0-25
Zinc (Zn)	6010	98	70-130	102	102	70-130	0.0	0-25

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PACE ANALYTICAL Project# 980625-01
PACE ANALYTICAL WO#:13488A
Client ID#:8G001 TBT

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTB69-3-S	TTB69-3-3.0	TTB69-3-5.0	TTB69-3-10	TTB67-1-S	TTB67-1-3.0	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	99	100	98	98	98	99	59-134

Client ID:	TTB67-1-5.0	TTB67-1-10	DTB56-2-S	DTB56-2-3.0	DTB59-2-S	DTB59-2-3.0	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	98	98	92	98	88	90	59-134

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PACE ANALYTICAL Project#:980825-01
PACE ANALYTICAL WO#:13488A
Client ID#:8G001 TBT

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	DTB57-2-S	DTB57-2-3.0	DTB58-1-S	DTB58-1-3.0	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	06/29/98	06/29/98	06/29/98	06/29/98	06/29/98	
Analyte						
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	
Surrogate Recovery %:						Acceptable Range:
a,a,a-Trifluorotoluene	91	87	87	93	97	59-134

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PACE ANALYTICAL Project#:980625-01
PACE ANALYTICAL WO# 13468A
Client ID#:8G001 TBT

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTB69-4-W	Method Blank	MDL
Units:	µg/L	µg/L	µg/L
Analysis Date:	06/25/98	06/25/98	
Analyte			
Benzene	<0.3	<0.3	0.3
Toluene	<0.3	<0.3	0.3
Ethylbenzene	<0.6	<0.6	0.6
Total Xylenes	1.6	<0.6	0.6
DF	1	1	
Surrogate Recovery %:			Acceptable Range:
a,a,a-Trifluorotoluene	97	92	62-131

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Pace Analytical

PACE ANALYTICAL Project#:980625-01
PACE ANALYTICAL WO#:13488A
Client ID#:BG001 TBT

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Water

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/25/98		06/25/98	06/25/98			
Analyte							
Benzene	88	80-120	92	83	61-127	10	0-21
Toluene	93	80-120	96	86	61-116	11	0-16
Ethylbenzene	96	80-120	96	97	62-117	9.8	0-20
Total Xylenes	96	80-120	98	90	68-125	8.5	0-21

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Pace Analytical

PACE ANALYTICAL Project#:980625-01
PACE ANALYTICAL WO# 13466A
Client ID#:6G001 TBT

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: AN/WK
Preparation Analyst: AN/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/10/98		07/10/98	07/10/98			
TPH-Speciation	110	80-120	101	85	70-130	17	0-30

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/11/98		07/11/98	07/11/98			
TPH-Speciation	101	80-120	91	110	70-130	19	0-30

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PACE ANALYTICAL WO#:13488A
Client ID#:BG001 TBT

QUALITY CONTROL/QUALITY ASSURANCE REPORT

Analyst: RG/WK
Preparation Analyst: RG/WK

Matrix: Water

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis date:	06/27/98		06/27/98	06/27/98			
TPH-Speciation	101	80-120	102	98	70-130	4.0	0-30

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
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Pace Analytical

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

TE: 07/20/98

GE: 1

Pace Analytical Long Beach SC
8217
60 Gilman Street
30625-04
ng Beach, CA 90815

Pace Project Number:

Client Project ID:

tn: Mr. Richard Villafania
one: (562)498-9515

lid results are reported on a wet weight basis

Pace Sample No: 10707370 Date Collected: 06/24/98
Matrix: Soil
Client Sample ID: TTB67-4-[illegible] Date Received: 06/26/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						

/MS -- VOA

GC/MS VOCs by 8260 Method: EPA 8260 Prep Method: EPA
60

Dichlorodifluoromethane	ND	ug/kg	5	07/08/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/08/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/08/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/08/98	TAW	74-83-9
Chloroethane	ND	ug/kg	5	07/08/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/08/98	TAW	75-69-4
Methylene Chloride	ND	ug/kg	5	07/08/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-60-5
1,1 Dichloroethane	ND	ug/kg	5	07/08/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/08/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/08/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/08/98	TAW	56-23-5

1,1-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/08/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/08/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/08/98	TAW	75-27-4
Dibromomethane	ND	ug/kg	5	07/08/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/08/98	TAW	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/08/98	TAW	127-18-4

Pace Project Number:

8217

Client Project ID:

0625-04

ce Sample No: 10707370 Date Collected: 06/24/98

trix: Soil

ient Sample ID: TTB67-4-5 Date Received: 06/26/98

rameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
1,3-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/08/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/08/98	TAW	106-93-4
Chlorobenzene	ND	ug/kg	5	07/08/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/08/98	TAW	100-41-4
M&P-Xylene	ND	ug/kg	5	07/08/98	TAW	7816-60-0
O-Xylene (1,2 Dimethylbenzene)	ND	ug/kg	5	07/08/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/08/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/08/98	TAW	75-25-2
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/08/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/08/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/08/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/08/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/08/98	TAW	99-87-6
1,3 Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/08/98	TAW	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/08/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/08/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	87-61-6

trans-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/08/98	TAW	110-75-8
Acetone	8.1	ug/kg	20	07/08/98	TAW	67-64-1
2-Butanone	ND	ug/kg	10	07/08/98	TAW	78-93-3
4-Methyl-2-Pentanone	ND	ug/kg	10	07/08/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/08/98	TAW	75-15-0
2-Hexanone	ND	ug/kg	100	07/08/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/08/98	TAW	108-05-4

Pace Analytical

TE: 07/20/98

GE: 3

Pace Project Number:

8217

Client Project ID:

0625-04

ce Sample No: 10707370 Date Collected: 06/24/98

trix: Soil

ient Sample ID: TTB67-4-5 Date Received: 06/26/98

rameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Methyl-tert-butyl Ether	ND	ug/kg	5	07/08/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/08/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/08/98	TAW	108-20-3
)Ethyl-tert-butyl ether	ND	ug/kg	5	07/08/98	TAW	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/08/98	TAW	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/08/98	TAW	75-65-0
Dibromofluoromethane (S)	90	%		07/08/98	TAW	1868-53-7
Toluene-d8 (S)	104	%		07/08/98	TAW	2037-26-5
4-Bromofluorobenzene (S)	104	%		07/08/98	TAW	460-00-4
1,2-Dichloroethane-d4 (S)	96	%		07/08/98	TAW	17060-07-

Pace Analytical

Dik

TE: 07/20/98

GE: 4

Pace Project Number:

8217

Client Project ID:

0629-04

ce Sample No: 10707398 Date Collected: 06/24/98
trix: Soil
ient Sample ID: TTB67-4-3.0 Date Received: 06/26/98

rameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
/MS -- VOA						
/MS VOCs by 8260 Method: EPA 8260						Prep Method: EPA 60
Dichlorodifluoromethane	ND	ug/kg	5	07/08/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/08/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/08/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/08/98	TAW	74-83-9
Chloroethane	ND	ug/kg	5	07/08/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/08/98	TAW	75-69-4
Methylene Chloride	ND	ug/kg	5	07/08/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/08/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/08/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/08/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/08/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/08/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/08/98	TAW	75-27-4
Dibromomethane	ND	ug/kg	5	07/08/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/08/98	TAW	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/08/98	TAW	127-18-4

DATE: 07/20/98

GE: 5

Pace Project Number:

8217

Client Project ID:

970625-04

Pace Sample No: 10707389 Date Collected: 06/24/98

trix: Soil

ient Sample ID: TTB67-4-3.0 Date Received: 06/26/98

rameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/08/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/08/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/08/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/08/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/08/98	TAW	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/08/98	TAW	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/08/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/08/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/08/98	TAW	110-75-8
Acetone 2,3	7.8	ug/kg	20	07/08/98	TAW	67-64-1
2-Butanone	ND	ug/kg	10	07/08/98	TAW	78-93-3
4-Methyl-2-Pentanone	ND	ug/kg	10	07/08/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/08/98	TAW	75-15-0

2-Hexanone	ND	ug/kg	100	07/08/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/08/98	TAW	108-05-4
Methyl-tert-butyl Ether	ND	ug/kg	5	07/08/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/08/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/08/98	TAW	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	07/08/98	TAW	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/08/98	TAW	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/08/98	TAW	75-65-0
Dibromofluoromethane (S)	88	%		07/08/98	TAW	1868-53-7
Toluene-d8 (S)	100	%		07/08/98	TAW	2037-26-5
4-Bromofluorobenzene (S)	100	%		07/08/98	TAW	460-00-4
1,2-Dichloroethane-d4 (S)	94	%		07/08/98	TAW	17060-07-0

I TE: 07/20/98

GE: 6

Pace Project Number:

8217

Client Project ID:

.0625-04

ce Sample No: 10707396 Date Collected: 06/24/98

Matrix: Soil

ient Sample ID: TTB67-4-5 Date Received: 06/26/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
MS -- VOA						
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 8260
Dichlorodifluoromethane	ND	ug/kg	5	07/08/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/08/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/08/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/08/98	TAW	74-83-9
Chloroethane	ND	ug/kg	5	07/08/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/08/98	TAW	75-69-4
Methylene Chloride	ND	ug/kg	5	07/08/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/08/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/08/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/08/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/08/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/08/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/08/98	TAW	75-27-4
Dibromomethane	ND	ug/kg	5	07/08/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/08/98	TAW	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/08/98	TAW	127-18-4

1,3-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/08/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/08/98	TAW	106-93-4
Chlorobenzene	ND	ug/kg	5	07/08/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/08/98	TAW	100-41-4
M&P-Xylene	ND	ug/kg	5	07/08/98	TAW	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/08/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/08/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/08/98	TAW	75-25-2

C TE: 07/20/98

GE: 7

Pace Project Number:

8217

Client Project ID:

0625-04

oc Sample No: 10707396 Date Collected: 06/24/98

Matrix: Soil

ient Sample ID: TTB67-4-5 Date Received: 06/26/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/08/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/08/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/08/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/08/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/08/98	TAW	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/08/98	TAW	96-12-8
1,2,4 Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/08/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/08/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-02- 5
cis-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-01- 5
2 Chloroethyl Vinyl Ether	ND	ug/kg	5	07/08/98	TAW	110-75-8
Acetone 3	8.0	ug/kg	20	07/08/98	TAW	67-64-1
2 Butanone	ND	ug/kg	10	07/08/98	TAW	78-93-3
4-Methyl-2-Pentanone	ND	ug/kg	10	07/08/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/08/98	TAW	75-15-0

2-Hexanone	ND	ug/kg	100	07/08/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/08/98	TAW	108-05-4
Methyl-tert-butyl Ether	ND	ug/kg	5	07/08/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/08/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/08/98	TAW	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	07/08/98	TAW	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/08/98	TAW	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/08/98	TAW	75-65-0
Dibromofluoromethane (S)	88	%		07/08/98	TAW	1868-53-7
Toluene-d8 (S)	100	%		07/08/98	TAW	2037-26-5
4-Bromofluorobenzene (S)	100	%		07/08/98	TAW	460-00-4
1,2-Dichloroethane-d4 (S)	96	%		07/08/98	TAW	17060-07-

Pace Analytical

ATE: 07/20/98

AGE: 8

08217 Pace Project Number:

80625-04 Client Project ID:

ace Sample No: 10707404 Date Collected: 06/24/98

atrix: Soil

lient Sample ID: TTB69-4-SUR Date Received: 06/26/98

arameters ootnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
MS -- VOA						
GC/MS VOCs by 8260 260		Method: EPA 8260				Prep Method: EPA
Dichlorodifluoromethane	ND	ug/kg	5	07/08/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/08/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/08/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/08/98	TAW	74-83-9
Chloroethane	ND	ug/kg	5	07/08/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/08/98	TAW	75-69-4
Methylene Chloride	ND	ug/kg	5	07/08/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/08/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/08/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/08/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/08/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/08/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/08/98	TAW	75-27-4
Dibromomethane	ND	ug/kg	5	07/08/98	TAW	74-95-3
Toluene	3.1	ug/kg	5	07/08/98	TAW	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	79-00-5

Tetrachloroethene	ND	ug/kg	5	07/08/98	TAW	127-18-4
1,3-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/08/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/08/98	TAW	106-93-4
Chlorobenzene	ND	ug/kg	5	07/08/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/08/98	TAW	100-41-4
M&P-Xylene	3.8	ug/kg	5	07/08/98	TAW	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/08/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/08/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/08/98	TAW	75-25-2

DATE: 07/20/98

GE: 9

Pace Project Number:

8217

Client Project ID:

980625-04

ice Sample No: 10707404 Date Collected: 06/24/98

trix: Soil

lent Sample ID: TTBG9-4-5 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/08/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/08/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/08/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/08/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/08/98	TAW	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/08/98	TAW	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/08/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/08/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-02-
cis-1,3 Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061 01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/08/98	TAW	110-75-8
Acetone	9.8	ug/kg	20	07/08/98	TAW	67-64-1
3						
2-Butanone	ND	ug/kg	10	07/08/98	TAW	78-93-3
4 Methyl-2-Pentanone	ND	ug/kg	10	07/08/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/08/98	TAW	75-15-0

2-Hexanone	ND	ug/kg	100	07/08/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/08/98	TAW	108-05-4
Methyl-tert-butyl Ether	ND	ug/kg	5	07/08/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/08/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/08/98	TAW	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	07/08/98	TAW	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/08/98	TAW	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/08/98	TAW	75-65-0
Dibromofluoromethane (S)	86	%		07/08/98	TAW	1868-53-7
Toluene-d8 (S)	100	%		07/08/98	TAW	2037-26-5
4-Bromofluorobenzene (S)	104	%		07/08/98	TAW	460-00-4
1,2-Dichloroethane-d4 (S)	92	%		07/08/98	TAW	17060-07-

DATE: 07/20/98

AGE: 10

Pace Project Number:

98217

Client Project ID:

980625-04

Pace Sample No: 10707412 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: TTB69-4-3 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
MS -- VOA						
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 5	
Dichlorodifluoromethane	ND	ug/kg	5	07/08/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/08/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/08/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/08/98	TAW	74-83-9
Chloroethane	ND	ug/kg	5	07/08/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/08/98	TAW	75-69-4
Methylene Chloride	ND	ug/kg	5	07/08/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	594-20-7
cis 1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/08/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/08/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/08/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/08/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/08/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/08/98	TAW	75-27-4
Dibromomethane	ND	ug/kg	5	07/08/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/08/98	TAW	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/08/98	TAW	127-18-4

1,3-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/08/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/08/98	TAW	106-93-4
Chlorobenzene	ND	ug/kg	5	07/08/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/08/98	TAW	100-41-4
M&P-Xylene	ND	ug/kg	5	07/08/98	TAW	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/08/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/08/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/08/98	TAW	75-25-2

Pace Analytical

DATE: 07/20/98

GE: 11

Pace Project Number:

8217

Client Project ID:

980625-04

ace Sample No: 10707412 Date Collected: 06/24/98

trix: Soil

ient Sample ID: TTB69-4-3 Date Received: 06/26/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/08/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/08/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/08/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/08/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/08/98	TAW	99 87 6
1,3-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/08/98	TAW	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/08/98	TAW	87 68-3
Naphthalene	ND	ug/kg	5	07/08/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	87-61 6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/08/98	TAW	110-75 8
Acetone	8.7	ug/kg	20	07/08/98	TAW	67-64-1
3						
2-Butanone	ND	ug/kg	10	07/08/98	TAW	78 93-3
4-Methyl-2-Pentanone	ND	ug/kg	10	07/08/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/08/98	TAW	75-15-0

2-Hexanone	ND	ug/kg	100	07/08/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/08/98	TAW	108-05-4
Methyl-tert-butyl Ether	ND	ug/kg	5	07/08/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/08/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/08/98	TAW	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	07/08/98	TAW	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/08/98	TAW	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/08/98	TAW	75-65-0
Dibromofluoromethane (S)	82	%		07/08/98	TAW	1868-53-7
Toluene-d8 (S)	98	%		07/08/98	TAW	2037-26-5
4-Bromofluorobenzene (S)	100	%		07/08/98	TAW	460-00-4
1,2-Dichloroethane-d4 (S)	90	%		07/08/98	TAW	17060-07-

DATE: 07/20/98

GE: 12

Pace Project Number:

8217

Client Project ID:

980625-04

ace Sample No: 10707420 Date Collected: 06/24/98

trix: Soil

ient Sample ID: TTB69-4-5.0 Date Received: 06/26/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
MS -- VOA						
GC/MS VOCs by 8260 60	Method: EPA 8260					Prep Method: EPA
Dichlorodifluoromethane	ND	ug/kg	5	07/08/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/08/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/08/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/08/98	TAW	74-83-9
Chloroethane	ND	ug/kg	5	07/08/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/08/98	TAW	75-69-4
Methylene Chloride	ND	ug/kg	5	07/08/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/08/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/08/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/08/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/08/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/08/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/08/98	TAW	75-27-4
Dibromomethane	ND	ug/kg	5	07/08/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/08/98	TAW	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/08/98	TAW	127-18-4

1,3-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/08/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/08/98	TAW	106-93-4
Chlorobenzene	ND	ug/kg	5	07/08/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/08/98	TAW	100-41-4
M&P-Xylene	ND	ug/kg	5	07/08/98	TAW	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/08/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/08/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/08/98	TAW	75-25-2

L..TE: 07/20/98

GE: 13

Pace Project Number:

8217

Client Project ID:

20625-04

ice Sample No: 10707420 Date Collected: 06/24/98

Matrix: Soil

ient Sample ID: TTB69-4-5.0 Date Received: 06/26/98

Parameters Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/08/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/08/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/08/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/08/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	135-98-8
tert Butylbenzene	ND	ug/kg	5	07/08/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/08/98	TAW	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/08/98	TAW	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/08/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/08/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/08/98	TAW	110-75-8
Acetone /3	10	ug/kg	20	07/08/98	TAW	67-64-1
2-Butanone	ND	ug/kg	10	07/08/98	TAW	78-93-3
4-Methyl-2-Pentanone	ND	ug/kg	10	07/08/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/08/98	TAW	75-15-0

2-Hexanone	ND	ug/kg	100	07/08/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/08/98	TAW	108-05-4
Methyl-tert-butyl Ether	ND	ug/kg	5	07/08/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/08/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/08/98	TAW	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	07/08/98	TAW	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/08/98	TAW	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/08/98	TAW	75-65-0
Dibromofluoromethane (S)	78	%		07/08/98	TAW	1868-53-7
Toluene-d8 (S)	90	%		07/08/98	TAW	2037-26-5
4-Bromofluorobenzene (S)	100	%		07/08/98	TAW	460-00-4
1,2-Dichloroethane-d4 (S)	82	%		07/08/98	TAW	17060-07-

DATE: 07/20/98

GE: 14

Pace Project Number:

8217

Client Project ID:

980625-04

ace Sample No: 10707438 Date Collected: 06/24/98

trix: Water

ient Sample ID: TTB69-4-W Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
-- Semi-VOA						
PCB's in Water, Low Level	Method: EPA 8080				Prep Method: EPA	
10						
PCB-1016 (Arochlor 1016)	ND	ug/L	0.1	07/02/98	SJW	12674-11-
2						
PCB 1221 (Arochlor 1221)	ND	ug/L	0.1	07/02/98	SJW	11104-28-
PCB-1232 (Arochlor 1232)	ND	ug/L	0.1	07/02/98	SJW	11141-16-
PCB-1242 (Arochlor 1242)	ND	ug/L	0.1	07/02/98	SJW	53469-21-
PCB-1248 (Arochlor 1248)	ND	ug/L	0.1	07/02/98	SJW	12672-29-
PCB-1254 (Arochlor 1254)	ND	ug/L	0.1	07/02/98	SJW	11097-69-
4						
PCB-1260 (Arochlor 1260)	ND	ug/L	0.1	07/02/98	SJW	11096-82-
Tetrachloro-meta-xylene (S)	487	%		07/02/98	SJW	877-09-8
Decachlorobiphenyl (S)	70	%		07/02/98	SJW	2051-24-3
Date Extracted				06/29/98		
GC/MS -- VOA						
GC/MS VOCs by 8260 MN	Method: EPA 8260				Prep Method: EPA	
9						
Dichlorodifluoromethane	ND	ug/L	50	07/08/98	TAW	75-71-8
Chloromethane	ND	ug/L	50	07/08/98	TAW	74-87-3
Vinyl Chloride	ND	ug/L	50	07/08/98	TAW	75-01-4
Bromomethane	ND	ug/L	50	07/08/98	TAW	74-83-9

Chloroethane	ND	ug/L	50	07/08/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/L	50	07/08/98	TAW	75-69-4
Methylene Chloride	210	ug/L	50	07/08/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/L	50	07/08/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/L	50	07/08/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/L	50	07/08/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/L	50	07/08/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/L	50	07/08/98	TAW	156-59-2
Chloroform	ND	ug/L	50	07/08/98	TAW	67-66-3
Bromochloromethane	ND	ug/L	50	07/08/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/L	50	07/08/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/L	50	07/08/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/L	50	07/08/98	TAW	563-58-6
Benzene	ND	ug/L	50	07/08/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/L	50	07/08/98	TAW	107-06-2
Trichloroethene	ND	ug/L	50	07/08/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/L	50	07/08/98	TAW	78-87-5
Bromodichloromethane	ND	ug/L	50	07/08/98	TAW	75-27-4

DATE: 07/20/98

GE: 15

Pace Project Number:

8217

Client Project ID:

d0625-04

ace Sample No: 10707438 Date Collected: 06/24/98

Matrix: Water

lient Sample ID: TTB69-4-W Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Dibromomethane	ND	ug/L	50	07/08/98	TAW	74-95-3
trans-1,3-Dichloropropene	ND	ug/L	50	07/08/98	TAW	10061-02-
Toluene	ND	ug/L	50	07/08/98	TAW	108-88-3
cis-1,3-Dichloropropene	ND	ug/L	50	07/08/98	TAW	10061-01-
1,1,2-Trichloroethane	ND	ug/L	50	07/08/98	TAW	79-00-5
Tetrachloroethene	ND	ug/L	50	07/08/98	TAW	127-18-4
1,3-Dichloropropane	ND	ug/L	50	07/08/98	TAW	142-28-9
Dibromochloromethane	ND	ug/L	50	07/08/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/L	50	07/08/98	TAW	106-93-4
Chlorobenzene	ND	ug/L	50	07/08/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/L	50	07/08/98	TAW	630-20-6
Ethylbenzene	ND	ug/L	50	07/08/98	TAW	100-41-4
Xylene (Total)	ND	ug/L	50	07/08/98	TAW	1330-20-7
Styrene	ND	ug/L	50	07/08/98	TAW	100-42-5
Bromoform	ND	ug/L	50	07/08/98	TAW	75-25-2
Isopropylbenzene (Cumene)	ND	ug/L	50	07/08/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/L	50	07/08/98	TAW	79-34-5
Bromobenzene	ND	ug/L	50	07/08/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/L	50	07/08/98	TAW	96-18-4
n-Propylbenzene	ND	ug/L	50	07/08/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/L	50	07/08/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/L	50	07/08/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/L	50	07/08/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/L	50	07/08/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/L	50	07/08/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/L	50	07/08/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/L	50	07/08/98	TAW	99-87-6
1,3-Dichlorobenzene	ND	ug/L	50	07/08/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/L	50	07/08/98	TAW	106-46-7

n-Butylbenzene	ND	ug/L	50	07/08/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/L	50	07/08/98	TAW	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/L	50	07/08/98	TAW	96-12-8
1,2,4-Trichlorobenzene	ND	ug/L	50	07/08/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/L	50	07/08/98	TAW	87-68-3
Naphthalene	ND	ug/L	50	07/08/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/L	50	07/08/98	TAW	87-61-6
Isopropyl Ether	ND	ug/L	500	07/08/98	TAW	108-20-3
Methyl-tert-butyl Ether	ND	ug/L	50	07/08/98	TAW	1634-04-4
Acetone	100	ug/L	100	07/08/98	TAW	67-64-1
2,3 2-Butanone	ND	ug/L	100	07/08/98	TAW	78-93-3

Hexachloroethane	ND	ug/L	10	07/02/98	SAC	67-72-1
Nitrobenzene	ND	ug/L	10	07/02/98	SAC	98-95-3
Isophorone	ND	ug/L	10	07/02/98	SAC	78-59-1
2-Nitrophenol	ND	ug/L	10	07/02/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/L	10	07/02/98	SAC	105-67-9
Benzoic Acid	4.8	ug/L	50	07/02/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/L	10	07/02/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/L	10	07/02/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/L	10	07/02/98	SAC	120-82-1
Naphthalene	ND	ug/L	10	07/02/98	SAC	91-20-3
4-Chloroaniline	ND	ug/L	10	07/02/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/L	10	07/02/98	SAC	87-68-3

Pace Analytical

DATE: 07/20/98

CE: 17

Pace Project Number:

8217

Client Project ID:

980625-04

ce Sample No: 10707438 Date Collected: 06/24/98

trix: Water

ient Sample ID: TTB69-4-W Date Received: 06/26/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Chloro-3-methylphenol	ND	ug/L	10	07/02/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/L	10	07/02/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/L	10	07/02/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/L	10	07/02/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/L	50	07/02/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/L	10	07/02/98	SAC	91-58-7
2-Nitroaniline	ND	ug/L	50	07/02/98	SAC	88-74-4
Dimethylphthalate	ND	ug/L	10	07/02/98	SAC	131-11-3
Acenaphthylene	ND	ug/L	10	07/02/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/L	10	07/02/98	SAC	606-20-2
3-Nitroaniline	ND	ug/L	50	07/02/98	SAC	99-09-2
Acenaphthene	16	ug/L	10	07/02/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/L	50	07/02/98	SAC	51-28-5
4-Nitrophenol	ND	ug/L	50	07/02/98	SAC	100-02-7
Dibenzofuran	1.0	ug/L	10	07/02/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/L	10	07/02/98	SAC	121-14-2
Diethylphthalate	ND	ug/L	10	07/02/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/L	10	07/02/98	SAC	7005-72-3
Fluorene	5.8	ug/L	10	07/02/98	SAC	86-73-7
4-Nitroaniline	ND	ug/L	50	07/02/98	SAC	100-01-6
4,6-Dinitro-2 methylphenol	ND	ug/L	50	07/02/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/L	10	07/02/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/L	10	07/02/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/L	10	07/02/98	SAC	118-74-1
Pentachlorophenol	ND	ug/L	50	07/02/98	SAC	87-86-5
Phenanthrene	1.8	ug/L	10	07/02/98	SAC	85-01-8
Anthracene	ND	ug/L	10	07/02/98	SAC	120-12-7
Di-n-butylphthalate	ND	ug/L	10	07/02/98	SAC	84-74-2

Fluoranthene	1.2	ug/L	10	07/02/98	SAC	206-44-0
Pyrene	ND	ug/L	10	07/02/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/L	10	07/02/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/L	20	07/02/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/L	10	07/02/98	SAC	56-55-3
Chrysene	ND	ug/L	10	07/02/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	2.4	ug/L	10	07/02/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/L	10	07/02/98	SAC	117-84-0
Benzo(b)fluoranthene	ND	ug/L	10	07/02/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/L	10	07/02/98	SAC	207-08-9
Benzo(a)pyrene	ND	ug/L	10	07/02/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	07/02/98	SAC	193-39-5

Pace Analytical

DATE: 07/20/98

GE: 18

Pace Project Number:

8217

Client Project ID:

980625-04

Pace Sample No: 10707438 Date Collected: 06/24/98

Matrix: Water

Client Sample ID: TTB69-4-W Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
Dibenz(a,h)anthracene	ND	ug/L	10	07/02/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/L	10	07/02/98	SAC	191-24-2
Nitrobenzene-d5 (S)	61	%		07/02/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	67	%		07/02/98	SAC	321-60-8
Terphenyl-d14 (S)	66	%		07/02/98	SAC	1718-51-0
Phenol-d6 (S)	63	%		07/02/98	SAC	13127-88-3
2-Fluorophenol (S)	52	%		07/02/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	78	%		07/02/98	SAC	118-79-6
Date Extracted				06/29/98		

Pace Analytical

DATE: 07/20/98

AGE: 19

Pace Project Number:

08217

Client Project ID:

980625-04

ace Sample No: 10707446 Date Collected: 06/24/98

atrix: Soil

lient Sample ID: TTB69-3-5 SUR Date Received: 06/26/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
MS -- Semi-VOA						
Semivolatile Organics 50	Method: EPA 8270				Prep Method: EPA	
Phenol	130	ug/kg	330	07/08/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105 67-9
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120 83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59 50-7

2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5

DATE: 07/20/98

GE: 20

Pace Project Number:

8217

Client Project ID:

980625-04

Pace Sample No: 10707446 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: TTB69-3-5 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
Di-n-butylphthalate	77	ug/kg	330	07/08/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/08/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/08/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	90	%		07/08/98	SAC	4165-60-0	

2-Fluorobiphenyl (S)	90	%	07/08/98	SAC	321-60-8
Terphenyl-d14 (S)	111	%	07/08/98	SAC	1718-51-0
Phenol-d6 (S)	74	%	07/08/98	SAC	13127-88-
2-Fluorophenol (S)	61	%	07/08/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	94	%	07/08/98	SAC	118-79-6
Date Extracted			07/06/98		

DATE: 07/20/98

GE: 21

Pace Project Number:

8217

Client Project ID:

980625-04

ace Sample No: 10707453 Date Collected: 06/24/98

trix: Soil

ient Sample ID: TTB69-3-3.0 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
MS -- Semi-VOA						
Semivolatile Organics	Method: EPA 8270					Prep Method: EPA
50						
Phenol	ND	ug/kg	330	07/08/98	SAC	108 95 2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48 7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105 67-9
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6

Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5

Pace Analytical

DATE: 07/20/98

GE: 22

Pace Project Number:

8217

Client Project ID:

980625-04

ace Sample No: 10707453 Date Collected: 06/24/98

trix: Soil

ient Sample ID: TTB69-3-3.0 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	otnotes
4-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64 9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/08/98	SAC	85 01 8	
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/08/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/08/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/08/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50 32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	84	%		07/08/98	SAC	4165-60 0	
2-Fluorobiphenyl (S)	79	%		07/08/98	SAC	321-60-8	

Terphenyl-d14 (S)	121	%	07/08/98	SAC	1718-51-0
Phenol-d6 (S)	68	%	07/08/98	SAC	13127-88-
2-Fluorophenol (S)	58	%	07/08/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	74	%	07/08/98	SAC	118-79-6
Date Extracted			07/06/98		

Pace Analytical

DATE: 07/20/98

GE: 23

Pace Project Number:

3217

Client Project ID:

980625-04

ce Sample No: 10707461 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: TTB69-3-5.0 Date Received: 06/26/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
MS -- Semi-VOA						
Semivolatile Organics 50	Method: EPA 8270				Prep Method: EPA	
Phenol	ND	ug/kg	330	07/08/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57 8
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95 50 1
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0
bis(2 Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20 3
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50 7
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6

Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5

Pace Analytical

DATE: 07/20/98

AGE: 24

Pace Project Number:

08217

Client Project ID:

980625-04

Pace Sample No: 10707461 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: TTB69-3-5.0 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5
Phenanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7
Di-n-butylphthalate	70	ug/kg	330	07/08/98	SAC	84-74-2
Fluoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0
Pyrene	ND	ug/kg	330	07/08/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7
3,3' Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/08/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0
Benzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2
Nitrobenzene-d5 (S)	90	%		07/08/98	SAC	4165-60-0

2-Fluorobiphenyl (S)	93	%	07/08/98	SAC	321-60-8
Terphenyl-d14 (S)	114	%	07/08/98	SAC	1718-51-0
Phenol-d6 (S)	80	%	07/08/98	SAC	13127-88-
2-Fluorophenol (S)	64	%	07/08/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	86	%	07/08/98	SAC	118-79-6
Date Extracted			07/06/98		

DATE: 07/20/98

GE: 25

Pace Project Number:

8217

Client Project ID:

980625-04

Pace Sample No: 10707479 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: TTB67-1-S Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
MS -- Semi-VOA						
Semivolatile Organics	Method: EPA 8270					Prep Method: EPA
50						
Phenol	ND	ug/kg	330	07/08/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5
N Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6

Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5

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Pace Project Number:

3217

Client Project ID:

980625-04

Pace Sample No: 10707479 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: TTB67-1-S Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
4-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5
Phenanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7
Di-n-butylphthalate	81	ug/kg	330	07/08/98	SAC	84-74-2
3						
Fluoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0
Pyrene	ND	ug/kg	330	07/08/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/08/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0
Benzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2
Nitrobenzene-d5 (S)	91	%		07/08/98	SAC	4165-60-0

2-Fluorobiphenyl (S)	86	%	07/08/98	SAC	321-60-8
Terphenyl-d14 (S)	103	%	07/08/98	SAC	1718-51-0
Phenol-d6 (S)	75	%	07/08/98	SAC	13127-88-
2-Fluorophenol (S)	68	%	07/08/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	90	%	07/08/98	SAC	118-79-6
Date Extracted			07/06/98		

DATE: 07/20/98

GE: 27

Pace Project Number:

8217

Client Project ID:

980625-04

Pace Sample No: 10707487 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: TTB67-1-3.0 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
GC/MS -- Semi-VOA						
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 30	
Phenol	ND	ug/kg	330	07/08/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1
2 Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621 64 7
Hexachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2
1,2,4 Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50 7
2 Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6

Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5

Pace Analytical

DATE: 07/20/98

GE: 28

Pace Project Number:

8217

Client Project ID:

980625-04

ace Sample No: 10707487 Date Collected: 06/24/98

atrix: Soil

ient Sample ID: TTB67-1-3.0 Date Received: 06/26/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5
Phenanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7
Di-n-butylphthalate	76	ug/kg	330	07/08/98	SAC	84-74-2
3						
Fluoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0
Pyrene	110	ug/kg	330	07/08/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/08/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84-0
Benzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2

Nitrobenzene-d5 (S)	95	%	07/08/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	100	%	07/08/98	SAC	321-60-8
Terphenyl-d14 (S)	131	%	07/08/98	SAC	1718-51-0
Phenol-d6 (S)	80	%	07/08/98	SAC	13127-88-
2-Fluorophenol (S)	64	%	07/08/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	94	%	07/08/98	SAC	118-79-6
Date Extracted			07/06/98		

DATE: 07/20/98

GE: 29

Pace Project Number:

8217

Client Project ID:

980625-04

Pace Sample No: 10707495 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: TTB67-1-5.0 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
MS -- Semi-VOA						
Semivolatile Organics 3550	Method: EPA 8270				Prep Method: EPA	
Phenol	ND	ug/kg	330	07/08/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106 44 5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82 1
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68 3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57 6

Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5

DATE: 07/20/98

GE: 30

Pace Project Number:

8217

Client Project ID:

980625-04

Pace Sample No: 10707495 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: TTB67-1-5.0 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005 72-3
Fluorene	ND	ug/kg	330	07/08/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5
Phenanthrene	ND	ug/kg	330	07/08/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7
Di-n-butylphthalate	70	ug/kg	330	07/08/98	SAC	84-74-2
Fluoranthene	ND	ug/kg	330	07/08/98	SAC	206 44-0
Pyrene	ND	ug/kg	330	07/08/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/08/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117 84 0
Benzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32 8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2
Nitrobenzene-d5 (S)	86	%		07/08/98	SAC	4165-60-0

2-Fluorobiphenyl (S)	97	%	07/08/98	SAC	321-60-8
Terphenyl-d14 (S)	126	%	07/08/98	SAC	1718-51-0
Phenol-d6 (S)	79	%	07/08/98	SAC	13127-88-
2-Fluorophenol (S)	68	%	07/08/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	79	%	07/08/98	SAC	118-79-6
Date Extracted			07/06/98		

DATE: 07/20/98

GE: 31

Pace Project Number:

8217

Client Project ID:

980625-04

ace Sample No: 10707503 Date Collected: 06/24/98

trix: Soil

ient Sample ID: DTB56-2-5 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						

MS - Semi-VOA

Semivolatile Organics Method: EPA 8270 Prep Method: EPA 550

Phenol	ND	ug/kg	330	07/08/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/08/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/08/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	541 73 1
1,4-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/08/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/08/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/08/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/08/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/08/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/08/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/08/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/08/98	SAC	98-95 3
Isophorone	ND	ug/kg	330	07/08/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/08/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/08/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/08/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/08/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/08/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/08/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/08/98	SAC	91 20-3
4-Chloroaniline	ND	ug/kg	660	07/08/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/08/98	SAC	87-68-3
4-Chloro 3-methylphenol	ND	ug/kg	660	07/08/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/08/98	SAC	91-57-6

Hexachlorocyclopentadiene	ND	ug/kg	330	07/08/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/08/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/08/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/08/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/08/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/08/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/08/98	SAC	51-28-5

DATE: 07/20/98

GE: 32

Pace Project Number:

)217

Client Project ID:

980625-04

Pace Sample No: 10707503 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: DTB56-2-5 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
4-Nitrophenol	ND	ug/kg	1600	07/08/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/08/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/08/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/08/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/08/98	SAC	86 73 7
4-Nitroaniline	ND	ug/kg	1600	07/08/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/08/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/08/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/08/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/08/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/08/98	SAC	87-86-5
Phenanthrene	ND	ug/kg	330	07/08/98	SAC	85 01 8
Anthracene	ND	ug/kg	330	07/08/98	SAC	120-12-7
Di-n-butylphthalate	75	ug/kg	330	07/08/98	SAC	84-74-2
3						
Fluoranthene	ND	ug/kg	330	07/08/98	SAC	206-44-0
Pyrene	ND	ug/kg	330	07/08/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/08/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/08/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/kg	330	07/08/98	SAC	56-55-3
Chrysene	ND	ug/kg	330	07/08/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/08/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/08/98	SAC	117-84 0
Benzo(b)fluoranthene	ND	ug/kg	330	07/08/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/08/98	SAC	207-08-9
Benzo(a)pyrene	ND	ug/kg	330	07/08/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/08/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/08/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/08/98	SAC	191-24-2
Nitrobenzene-d5 (S)	86	%		07/08/98	SAC	4165-60-0

2-Fluorobiphenyl (S)	90	%	07/08/98	SAC	321-60-8
Terphenyl-d14 (S)	118	%	07/08/98	SAC	1718-51-0
Phenol-d6 (S)	81	%	07/08/98	SAC	13127-88-
2-Fluorophenol (S)	67	%	07/08/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	75	%	07/08/98	SAC	118-79-6
Date Extracted			07/06/98		

LATE: 07/20/98

GE: 33

Pace Project Number:

8217

Client Project ID:

980625-04

ce Sample No: 10707511 Date Collected: 06/24/98

Matrix: Soil

ient Sample ID: DTB56-2-3.0 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
MS -- Semi-VOA							
Semivolatile Organics		Method: EPA 8270					Prep Method: EPA 50
Phenol	310	ug/kg	330	07/09/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/09/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/09/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/09/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/09/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/09/98	SAC	39638-32-	
4-Methylphenol	ND	ug/kg	330	07/09/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/09/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/09/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/09/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/09/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/09/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/09/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/09/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/09/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/09/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/09/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/09/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/09/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/09/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/09/98	SAC	59-50-7	

2-Methylnaphthalene	ND	ug/kg	330	07/09/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/09/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/09/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5

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Pace Project Number:

1 3217

Client Project ID:

980625-04

Pace Sample No: 10707511 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: DTB56-2-3.0 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/09/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/09/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5
Phenanthrene	ND	ug/kg	330	07/09/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/09/98	SAC	120-12-7
Di-n-butylphthalate	79	ug/kg	330	07/09/98	SAC	84-74-2
3						
Fluoranthene	ND	ug/kg	330	07/09/98	SAC	206-44-0
Pyrene	ND	ug/kg	330	07/09/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/09/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/kg	330	07/09/98	SAC	56-55-3
Chrysene	ND	ug/kg	330	07/09/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/09/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0
Benzo(b)fluoranthene	ND	ug/kg	330	07/09/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/09/98	SAC	207-08-9
Benzo(a)pyrene	ND	ug/kg	330	07/09/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/09/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/09/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/09/98	SAC	191-24-2
Nitrobenzene-d5 (S)	82	%		07/09/98	SAC	4165-60-0

2-Fluorobiphenyl (S)	81	%	07/09/98	SAC	321-60-8
Terphenyl-d14 (S)	111	%	07/09/98	SAC	1718-51-0
Phenol-d6 (S)	78	%	07/09/98	SAC	13127-88-
2-Fluorophenol (S)	65	%	07/09/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	78	%	07/09/98	SAC	118-79-6
Date Extracted			07/06/98		

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Pace Project Number:

8217

Client Project ID:

980625-04

Pace Sample No: 10707529 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: DTB59-2-SoA Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS# Footnotes
- Semi-VOA						
PCB's in Soil, Low Level	Method: EPA 8080					Prep Method: EPA 50
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/02/98	SJW	12674-11-2
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/02/98	SJW	11104-28-
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/02/98	SJW	11141-16-5
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/02/98	SJW	53469-21-
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/02/98	SJW	12672-29-
PCB 1254 (Arochlor 1254)	ND	mg/kg	0.03	07/02/98	SJW	11097-69-1
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/02/98	SJW	11096-82-
Tetrachloro-meta-xylene (S)	78	%		07/02/98	SJW	877-09-8
Decachlorobiphenyl (S)	83	%		07/02/98	SJW	2051-24-3
Date Extracted				07/01/98		
GC/MS - Semi-VOA						
Semivolatile Organics	Method: EPA 8270					Prep Method: EPA 35
Phenol	ND	ug/kg	330	07/09/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/09/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/09/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	541-73-1

1,4-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/09/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/09/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/09/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/09/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/09/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/09/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/09/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/09/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/09/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/09/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/09/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/09/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/09/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/09/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/09/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/09/98	SAC	106-47-8

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Pace Project Number:

8217

Client Project ID:

980625-04

ce Sample No: 10707529 Date Collected: 06/24/98

trix: Soil

ient Sample ID: DTB59-2-5 Date Received: 06/26/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Hexachlorobutadiene	ND	ug/kg	330	07/09/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/09/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/09/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2
2,4,5 Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/09/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2
Acenaphthene 3	67	ug/kg	330	07/09/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/09/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/09/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5
Phenanthrene	610	ug/kg	330	07/09/98	SAC	85-01-8
Anthracene	190	ug/kg	330	07/09/98	SAC	120-12-7

Di-n-butylphthalate	78	ug/kg	330	07/09/98	SAC	84-74-2
Fluoranthene	830	ug/kg	330	07/09/98	SAC	206-44-0
Pyrene	1700	ug/kg	330	07/09/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/09/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1
Benzo(a)anthracene	1200	ug/kg	330	07/09/98	SAC	56-55-3
Chrysene	1300	ug/kg	330	07/09/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/09/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0
Benzo(b)fluoranthene	2000	ug/kg	330	07/09/98	SAC	205-99-2
Benzo(k)fluoranthene	1000	ug/kg	330	07/09/98	SAC	207-08-9
Benzo(a)pyrene	2100	ug/kg	330	07/09/98	SAC	50-32-8

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1 1217

Client Project ID:

980625-04

Pace Sample No: 10707529 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: DTBS9-2-5 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
Indeno(1,2,3-cd)pyrene	750	ug/kg	330	07/09/98	SAC	193-39-5
Dibenz(a,h)anthracene	230	ug/kg	330	07/09/98	SAC	53-70-3
Benzo(g,h,i)perylene	740	ug/kg	330	07/09/98	SAC	191-24-2
Nitrobenzene-d5 (S)	93	%		07/09/98	SAC	4165-60-0
2 Fluorobiphenyl (S)	96	%		07/09/98	SAC	321-60-8
Terphenyl-d14 (S)	111	%		07/09/98	SAC	1718 51 0
Phenol-d6 (S)	81	%		07/09/98	SAC	13127-88-
2-Fluorophenol (S)	72	%		07/09/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	88	%		07/09/98	SAC	118-79-6
Date Extracted				07/06/98		

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Pace Project Number:

8217

Client Project ID:

980625-04

ace Sample No: 10707537 Date Collected: 06/24/98

trix: Soil

ent Sample ID: DTB59-2-3 Date Received: 06/26/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
- Semi-VOA						
PCB's in Soil, Low Level 50	Method: EPA 8080				Prep Method: EPA	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/02/98	SJW	12674-11-2
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/02/98	SJW	11104-28-
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/02/98	SJW	11141-16-
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/02/98	SJW	53469-21-
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/02/98	SJW	12672-29-
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/02/98	SJW	11097-69-
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/02/98	SJW	11096-82-
Tetrachloro-meta-xylene (S)	85	%		07/02/98	SJW	877-09-8
Decachlorobiphenyl (S)	72	%		07/02/98	SJW	2051-24-3
Date Extracted				07/01/98		
GC/MS -- Semi-VOA						
Semivolatile Organics 0	Method: EPA 8270				Prep Method: EPA	
Phenol	290	ug/kg	330	07/09/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/09/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/09/98	SAC	95-57-8

1,3-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/09/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/09/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/09/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/09/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/09/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/09/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/09/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/09/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/09/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/09/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/09/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/09/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/09/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/09/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/09/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/09/98	SAC	106-47-8

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Pace Project Number:

8217

Client Project ID:

980625-04

Pace Sample No: 10707537 Date Collected: 06/24/98

trix: Soil

ient Sample ID: DTB59-2-3 Date Received: 06/26/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
Hexachlorobutadiene	ND	ug/kg	330	07/09/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/09/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/09/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7
2 Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74 4
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/09/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/09/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100 02 7
Dibenzofuran	ND	ug/kg	330	07/09/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/09/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74 1
Pentachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5
Phenanthrene	270	ug/kg	330	07/09/98	SAC	85-01-8
Anthracene	87	ug/kg	330	07/09/98	SAC	120-12-7
Di-n-butylphthalate	ND	ug/kg	330	07/09/98	SAC	84-74-2

Fluoranthene	400	ug/kg	330	07/09/98	SAC	206-44-0
Pyrene	780	ug/kg	330	07/09/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/09/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1
Benzo(a)anthracene	690	ug/kg	330	07/09/98	SAC	56-55-3
Chrysene	620	ug/kg	330	07/09/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/09/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0
Benzo(b)fluoranthene	1300	ug/kg	330	07/09/98	SAC	205-99-2
Benzo(k)fluoranthene	710	ug/kg	330	07/09/98	SAC	207-08-9
Benzo(a)pyrene	1200	ug/kg	330	07/09/98	SAC	50-32-8

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88217

Client Project ID:

980625-04

Pace Sample No: 10707537 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: DTB59-2-3 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Indeno(1,2,3-cd)pyrene	460	ug/kg	330	07/09/98	SAC	193-39-5	
MS Dibenz(a,h)anthracene	ND	ug/kg	330	07/09/98	SAC	53 70 3	
Benzo(g,h,i)perylene	470	ug/kg	330	07/09/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	67	%		07/09/98	SAC	4165-60-0	
S 2-Fluorobiphenyl (S)	67	%		07/09/98	SAC	321-60-8	
Terphenyl-d14 (S)	74	%		07/09/98	SAC	1718-51-0	
Phenol-d6 (S)	59	%		07/09/98	SAC	13127-88-	
2-Fluorophenol (S)	53	%		07/09/98	SAC	367 12-4	
2,4,6-Tribromophenol (S)	59	%		07/09/98	SAC	118-79-6	
Date Extracted				07/06/98			

Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/09/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/09/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5

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Pace Project Number:

8217

Client Project ID:

980625-04

ace Sample No: 10707545 Date Collected: 06/24/98

trix: Soil

ient Sample ID: DTB97-2-5 Date Received: 06/26/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/09/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/09/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5
Phenanthrene	ND	ug/kg	330	07/09/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/09/98	SAC	120-12-7
Di-n-butylphthalate 3	80	ug/kg	330	07/09/98	SAC	84-74-2
Fluoranthene	ND	ug/kg	330	07/09/98	SAC	206-44-0
Pyrene	ND	ug/kg	330	07/09/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/09/98	SAC	85 68 7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/kg	330	07/09/98	SAC	56-55-3
Chrysene	ND	ug/kg	330	07/09/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/09/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0
Benzo(b)fluoranthene	ND	ug/kg	330	07/09/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/09/98	SAC	207-08-9
Benzo(a)pyrene	ND	ug/kg	330	07/09/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/09/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/09/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/09/98	SAC	191-24-2
Nitrobenzene-d5 ($)	87	%		07/09/98	SAC	4165-60-0

2-Fluorobiphenyl (S)	86	%	07/09/98	SAC	321-60-8
Terphenyl-d14 (S)	124	%	07/09/98	SAC	1718-51-0
Phenol-d6 (S)	82	%	07/09/98	SAC	13127-88-
2-Fluorophenol (S)	68	%	07/09/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	85	%	07/09/98	SAC	118-79-6
Date Extracted			07/06/98		

DATE: 07/20/98

GE: 43

Pace Project Number:

8217

Client Project ID:

980625-04

Pace Sample No: 10707552 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: DTB57-2-3 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
MS -- Semi-VOA						
Semivolatile Organics	Method: EPA 8270					Prep Method: EPA
50						
Phenol	ND	ug/kg	330	07/09/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/09/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/09/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/09/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/09/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/09/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/09/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/09/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/09/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/09/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/09/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/09/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/09/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/09/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/09/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/09/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/09/98	SAC	120-82-1
Naphthalene	400	ug/kg	330	07/09/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/09/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/09/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/09/98	SAC	59-50-7

2-Methylnaphthalene	170	ug/kg	330	07/09/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3
Acenaphthylene	1900	ug/kg	330	07/09/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/09/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5

DATE: 07/20/98

GE: 44

Pace Project Number:

9217

Client Project ID:

980625-04

ace Sample No: 10707552 Date Collected: 06/24/98

trix: Soil

ient Sample ID: DTB57-2-3 Date Received: 06/26/98

Parameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100-02-7
Dibenzofuran	82	ug/kg	330	07/09/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/09/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5
Phenanthrene	1100	ug/kg	330	07/09/98	SAC	85-01-8
Anthracene	380	ug/kg	330	07/09/98	SAC	120-12-7
Di-n-butylphthalate	94	ug/kg	330	07/09/98	SAC	84-74-2
3 Fluoranthene	4600	ug/kg	330	07/09/98	SAC	206-44-0
Pyrene	8500	ug/kg	660	07/09/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/09/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1
Benzo(a)anthracene	4700	ug/kg	330	07/09/98	SAC	56-55-3
Chrysene	5200	ug/kg	330	07/09/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/09/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0
Benzo(b)fluoranthene	6000	ug/kg	660	07/09/98	SAC	205-99-2
Benzo(k)fluoranthene	3400	ug/kg	330	07/09/98	SAC	207-08-9
Benzo(a)pyrene	5100	ug/kg	330	07/09/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	1400	ug/kg	330	07/09/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/09/98	SAC	53-70-3
Benzo(g,h,i)perylene	1300	ug/kg	330	07/09/98	SAC	191-24-2

Nitrobenzene-d5 (S)	78	%	07/09/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	79	%	07/09/98	SAC	321-60-8
Terphenyl-d14 (S)	97	%	07/09/98	SAC	1718-51-0
Phenol-d6 (S)	64	%	07/09/98	SAC	13127-88-
2-Fluorophenol (S)	59	%	07/09/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	70	%	07/09/98	SAC	118-79-6
Date Extracted			07/06/98		

Pace Analytical

DATE: 07/20/98

GE: 45

Pace Project Number:

8217

Client Project ID:

980625-04

ce Sample No: 10707560 Date Collected: 06/24/98

trix: Soil

ient Sample ID: DTB58-2-5 SUR Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
MS -- VOA						
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA
60						
Dichlorodifluoromethane	ND	ug/kg	5	07/08/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/08/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/08/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/08/98	TAW	74-83-9
Chloroethane	ND	ug/kg	5	07/08/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/08/98	TAW	75-69-4
Methylene Chloride	ND	ug/kg	5	07/08/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	75-34-3
2,2 Dichloropropane	ND	ug/kg	5	07/08/98	TAW	594 20 7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/08/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/08/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/08/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/08/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/08/98	TAW	79-01-6
1,3-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	78-87 5
Bromodichloromethane	ND	ug/kg	5	07/08/98	TAW	75-27-4
Dibromomethane	ND	ug/kg	5	07/08/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/08/98	TAW	108 88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/08/98	TAW	127-18-4

1,3-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/08/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/08/98	TAW	106-93-4
Chlorobenzene	ND	ug/kg	5	07/08/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/09/98	TAW	100-41-4
M&P-Xylene	ND	ug/kg	5	07/08/98	TAW	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/08/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/08/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/08/98	TAW	75-25-2

DATE: 07/20/98

GE: 46

Pace Project Number:

8217

Client Project ID:

980625-04

ace Sample No: 10707560 Date Collected: 06/24/98

trix: Soil

ient Sample ID: DTB58-2-5 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/08/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/08/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/08/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/08/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/08/98	TAW	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/08/98	TAW	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/08/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/08/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/08/98	TAW	110-75-8
Acetone 3	7.8	ug/kg	20	07/08/98	TAW	67-64-1
2-Butanone	ND	ug/kg	10	07/08/98	TAW	78-93-3
4 Methyl 2 Pentanone	ND	ug/kg	10	07/08/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/08/98	TAW	75-15-0

2-Hexanone	ND	ug/kg	100	07/08/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/08/98	TAW	108-05-4
Methyl-tert-butyl Ether	ND	ug/kg	5	07/08/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/08/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/08/98	TAW	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	07/08/98	TAW	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/08/98	TAW	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/08/98	TAW	75-65-0
Dibromofluoromethane (S)	84	%		07/08/98	TAW	1868-53-7
Toluene-d8 (S)	96	%		07/08/98	TAW	2037-26-5
4-Bromofluorobenzene (S)	104	%		07/08/98	TAW	460-00-4
1,2-Dichloroethane-d4 (S)	88	%		07/08/98	TAW	17060-07-

DATE: 07/20/98

AGE: 47

Pace Project Number:

98217

Client Project ID:

980625-04

Pace Sample No: 10707578 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: DTB58-2-3 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 8260	
Dichlorodifluoromethane	ND	ug/kg	5	07/08/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/08/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/08/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/08/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/08/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/08/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/08/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	594-20-7	
cis-1,2 Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/08/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/08/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/08/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/08/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/08/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/08/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/08/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/08/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/08/98	TAW	127-18-4	

1,3-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/08/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/08/98	TAW	106-93-4
Chlorobenzene	ND	ug/kg	5	07/08/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/08/98	TAW	100-41-4
M&P-Xylene	ND	ug/kg	5	07/08/98	TAW	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/08/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/08/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/08/98	TAW	75-25-2

DATE: 07/20/98

GE: 48

Pace Project Number:

8217

Client Project ID:

980625-04

ce Sample No: 10707578 Date Collected: 06/24/98

Matrix: Soil

ient Sample ID: DTB58-2-3 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/08/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/08/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/08/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/08/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/08/98	TAW	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/08/98	TAW	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/08/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/08/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/08/98	TAW	110-75-8
Acetone	12	ug/kg	20	07/08/98	TAW	67-64-1
3						
2-Butanone	ND	ug/kg	10	07/08/98	TAW	78-93-3
4-Methyl-2-Pentanone	ND	ug/kg	10	07/08/98	TAW	108-10-1

Carbon Disulfide	2.0	ug/kg	10	07/08/98	TAW	75-15-0
2-Hexanone	ND	ug/kg	100	07/08/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/08/98	TAW	108-05-4
Methyl-tert-butyl Ether	ND	ug/kg	5	07/08/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/08/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/08/98	TAW	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	07/08/98	TAW	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/08/98	TAW	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/08/98	TAW	75-65-0
Dibromofluoromethane (S)	90	%		07/08/98	TAW	1868-53-7
Toluene-d8 (S)	102	%		07/08/98	TAW	2037-26-5
4-Bromofluorobenzene (S)	108	%		07/08/98	TAW	460-00-4
1,2-Dichloroethane-d4 (S)	98	%		07/08/98	TAW	17060-07-

D.. E: 07/20/98

? ME: 49

Pace Project Number:

1 9217

Client Project ID:

9)625-04

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5 :e Sample No: 10707586 Date Collected: 06/24/98

Matrix: Soil

C ient Sample ID: DTB57-1-5 Sur Date Received: 06/26/98

Parameters / Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
- Semi-VOA						
PCB's in Soil, Low Level	Method: EPA 8080					Prep Method: EPA
3 50						
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/02/98	SJW	12674-11-
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/02/98	SJW	11104-28-
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/02/98	SJW	11141-16-
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/02/98	SJW	53469-21-
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/02/98	SJW	12672-29-
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/02/98	SJW	11097-69-
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/02/98	SJW	11096 82-
Tetrachloro-meta-xylene (S)	76	%		07/02/98	SJW	877-09-8
Decachlorobiphenyl (S)	59	%		07/02/98	SJW	2051-24-3
Date Extracted				07/01/98		
/MS -- VOA						
GC/MS VOCs by 8260	Method: EPA 8260					Prep Method: EPA
60						
Dichlorodifluoromethane	ND	ug/kg	5	07/08/98	TAW	75 71 9
Chloromethane	ND	ug/kg	5	07/08/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/08/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/08/98	TAW	74-83-9

Benzo(b)fluoranthene	260	ug/kg	330	07/09/98	SAC	205-99-2
Benzo(k)fluoranthene	150	ug/kg	330	07/09/98	SAC	207-08-9
Benzo(a)pyrene	240	ug/kg	330	07/09/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/09/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/09/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/09/98	SAC	191-24-2
Nitrobenzene-d5 (S)	82	%		07/09/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	85	%		07/09/98	SAC	321-60-8
Terphenyl-d14 (S)	126	%		07/09/98	SAC	1718-51-0
Phenol-d6 (S)	78	%		07/09/98	SAC	13127-88-
2-Fluorophenol (S)	64	%		07/09/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	85	%		07/09/98	SAC	118-79-6
Date Extracted				07/06/98		

DATE: 07/20/98

GE: 57

Pace Project Number:

8217

Client Project ID:

980625-04

ce Sample No: 10707610 Date Collected: 06/24/98

atrix: Soil

ient Sample ID: DTB58-1-3.0 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 50		
Phenol	ND	ug/kg	330	07/09/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/09/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/09/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/09/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/09/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/09/98	SAC	39638-32-	
4-Methylphenol	ND	ug/kg	330	07/09/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/09/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/09/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/09/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/09/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/09/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/09/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/09/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/09/98	SAC	111-91-1	
2,4 Dichlorophenol	ND	ug/kg	330	07/09/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/09/98	SAC	120-82-1	
Naphthalene	94	ug/kg	330	07/09/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/09/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/09/98	SAC	87-68-3	
4 Chloro-3-methylphenol	ND	ug/kg	660	07/09/98	SAC	59-50-7	

Chloroethane	ND	ug/kg	5	07/08/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/08/98	TAW	75-69-4
Methylene Chloride	ND	ug/kg	5	07/08/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/08/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/08/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/08/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/08/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/08/98	TAW	79-01 6
1,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/08/98	TAW	75-27-4

DATE: 07/20/98

GE: 50

Pace Project Number:

8217

Client Project ID:

980625-04

Pace Sample No: 10707586 Date Collected: 06/24/98

trix: Soil

ient Sample ID: DTB57-1-S Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
Dibromomethane	ND	ug/kg	5	07/08/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/08/98	TAW	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/08/98	TAW	127-18-4
1,3-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/08/98	TAW	124 48 1
1,2-Dibromoethane	ND	ug/kg	5	07/08/98	TAW	106-93-4
Chlorobenzene	ND	ug/kg	5	07/08/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/08/98	TAW	100-41-4
M&P-Xylene	5.6	ug/kg	5	07/08/98	TAW	7816-60 0
O-Xylene (1,2-Dimethylbenzene)	2.3	ug/kg	5	07/08/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/08/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/08/98	TAW	75-25-2
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/08/98	TAW	98 82 8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/08/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/08/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/08/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	98-06 6
p-Isopropyltoluene	ND	ug/kg	5	07/08/98	TAW	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	95-50-1

1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/08/98	TAW	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/08/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/08/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/08/98	TAW	110-75-8
Acetone	7.8	ug/kg	20	07/08/98	TAW	67-64-1
2,3						
2-Butanone	ND	ug/kg	10	07/08/98	TAW	78-93-3

DATE: 07/20/98

GE: 51

Pace Project Number:

8217

Client Project ID:

980625-04

ce Sample No: 10707586 Date Collected: 06/24/98

trix: Soil

ient Sample ID: DTB57-1-5 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
4-Methyl-2-Pentanone	ND	ug/kg	10	07/08/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/08/98	TAW	75-15-0
2-Hexanone	ND	ug/kg	100	07/08/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/08/98	TAW	108-05-4
Methyl-tert-butyl Ether	ND	ug/kg	5	07/08/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/08/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/08/98	TAW	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	07/08/98	TAW	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/08/98	TAW	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/08/98	TAW	75-65-0
Dibromofluoromethane (S)	84	%		07/08/98	TAW	1868-53-7
Toluene-d8 (S)	96	%		07/08/98	TAW	2037-26-5
4-Bromofluorobenzene (S)	104	%		07/08/98	TAW	460-00-4
1,2-Dichloroethane-d4 (S)	86	%		07/08/98	TAW	17060-07-

Pace Analytical

DATE: 07/20/98

GE: 52

Pace Project Number:

8217

Client Project ID:

980625-04

ce Sample No: 10707594 Date Collected: 06/24/98

trix: Soil

ient Sample ID: DTB57-1-3 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
)- Semi-VOA						
PCB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA	
50						
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/02/98	SJW	12674-11-
2						
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/02/98	SJW	11104-28-
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/02/98	SJW	11141 16
5						
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/02/98	SJW	53469-21-
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/02/98	SJW	12672-29-
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/02/98	SJW	11097-69-
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/02/98	SJW	11096-82-
Tetrachloro meta-xylene (S)	82	%		07/02/98	SJW	877 09-8
Decachlorobiphenyl (S)	80	%		07/02/98	SJW	2051-24-3
Date Extracted				07/01/98		
GC/MS -- VOA						
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA	
50						
Dichlorodifluoromethane	ND	ug/kg	5	07/08/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/08/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/08/98	TAW	75-01 4
Bromomethane	ND	ug/kg	5	07/08/98	TAW	74-83-9

Chloroethane	ND	ug/kg	5	07/08/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/08/98	TAW	75-69-4
Methylene Chloride	ND	ug/kg	5	07/08/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/08/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/08/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/08/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/08/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/08/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/08/98	TAW	75-27-4

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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Fax: 612-617-6444

Pace Analytical

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

METER FOOTNOTES

Not Detected
Not Calculable
Pace Reporting Limit
Surrogate
Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
Common laboratory contaminant.
Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
The surrogate recovery was outside QC acceptance limits due to matrix interference.
Analysis conducted in excess of EPA recommended holding time.

REPORT OF LABORATORY ANALYSIS

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Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

QUALITY CONTROL DATA

ace Analytical Long Beach SC
Gilman Street
Beach, CA 90815

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

: Mr. Richard Villafania
hone: (562)498-9515

atch ID: 13907
ysis Method: EPA 8270
ssociated Pace Samples: 10704138

QC Batch Method: EPA 3520
Analysis Description: Semivolatile Organics

OD BLANK: 10708352
ssociated Pace Samples:
10704138

Parameter	Units	Method Blank Result	PRL	Footnotes
ol	ug/L	ND	10	
2-Chloroethyl)ether	ug/L	ND	10	
-Chlorophenol	ug/L	ND	10	
chlorobenzene	ug/L	ND	10	
chlorobenzene	ug/L	ND	10	
yl Alcohol	ug/L	ND	10	
2-Dichlorobenzene	ug/l	ND	10	
thylphenol	ug/L	ND	10	
2-Chloroisopropyl)ether	ug/L	ND	10	
methylphenol	ug/L	ND	10	
troso-di-n-propylamine	ug/L	ND	10	
chloroethane	ug/L	ND	10	
obenzene	ug/L	ND	10	
sophorone	ug/L	ND	10	
trophenol	ug/L	ND	10	
Dimethylphenol	ug/L	ND	10	
oic Acid	ug/L	ND	50	
is(2-Chloroethoxy)methane	ug/L	ND	10	
Dichlorophenol	ug/L	ND	10	
4-Trichlorobenzene	ug/L	ND	10	
thalene	ug/L	ND	10	
-Chloroaniline	ug/L	ND	10	
achlorobutadiene	ug/L	ND	10	
hloro-3-methylphenol	ug/L	ND	10	
ethylnaphthalene	ug/L	ND	10	

REPORT OF LABORATORY ANALYSIS

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Minneapolis, MN 55414
Tel: 612-607-6400
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Pace Analytical

QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

METHOD BLANK: 10708352
Associated Pace Samples:
10704138

Parameter	Units	Method Blank Result	PRL	Footnotes
Hexachlorocyclopentadiene	ug/L	ND	10	
2,4,6-Trichlorophenol	ug/L	ND	10	
2,4,5-Trichlorophenol	ug/L	ND	50	
2-Chloronaphthalene	ug/L	ND	10	
2-Nitroaniline	ug/L	ND	50	
Dimethylphthalate	ug/L	ND	10	
Acenaphthylene	ug/L	ND	10	
2,6-Dinitrotoluene	ug/L	ND	10	
3-Nitroaniline	ug/L	ND	50	
Acenaphthene	ug/L	ND	10	
2,4-Dinitrophenol	ug/L	ND	50	
4-Nitrophenol	ug/L	ND	50	
Dibenzofuran	ug/L	ND	10	
2,4-Dinitrotoluene	ug/L	ND	10	
Diethylphthalate	ug/L	ND	10	
4-Chlorophenyl-phenylether	ug/L	ND	10	
Fluorene	ug/L	ND	10	
4-Nitroaniline	ug/L	ND	50	
4,6-Dinitro-2-methylphenol	ug/L	ND	50	
N-Nitrosodiphenylamine	ug/L	ND	10	
4-Bromophenyl-phenylether	ug/L	ND	10	
Hexachlorobenzene	ug/L	ND	10	
Pentachlorophenol	ug/L	ND	50	
Phenanthrene	ug/L	ND	10	
Anthracene	ug/L	ND	10	
Di-n-butylphthalate	ug/L	ND	10	
Fluoranthene	ug/L	ND	10	
Pyrene	ug/L	ND	10	
Butylbenzylphthalate	ug/L	ND	10	
3,3'-Dichlorobenzidine	ug/L	ND	20	
Benzo(a)anthracene	ug/L	ND	10	
Chrysene	ug/L	ND	10	
Bis(2-Ethylhexyl)phthalate	ug/L	ND	10	
Di-n-octylphthalate	ug/L	ND	10	
Benzo(b)fluoranthene	ug/L	ND	10	
Benzo(k)fluoranthene	ug/L	ND	10	
Benzo(a)pyrene	ug/L	ND	10	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

METHOD BLANK: 10708057
Associated Pace Samples:
10704138

Parameter	Units	Method Blank Result	PRL	Footnotes
Benz(a,h)anthracene	ug/L	ND	10	
Benzo(g,h,i)perylene	ug/L	ND	10	
Nitrobenzene-d5 (S)	%	64		
2-Fluorobiphenyl (S)	%	59		
Terphenyl-d14 (S)	%	70		
Phenol-d6 (S)	%	56		
2-Fluorophenol (S)	%	52		
2,4,6-Tribromophenol (S)	%	71		

LABORATORY CONTROL SAMPLE & LCSD: 10708360 10708378

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Phenol	ug/L	50	25.25	50.5	29.05	58.1	14	
Bis(2-Chloroethyl)ether	ug/L	50	24.75	49.5	26.25	52.5	6	
2-Chlorophenol	ug/L	50	27.55	55.1	28.25	56.5	3	
1,3-Dichlorobenzene	ug/L	50	29.60	59.2	29.60	59.2	0	
1,4-Dichlorobenzene	ug/L	50	28.05	56.1	28.25	56.5	1	
Benzyl Alcohol	ug/L	50	31.25	62.5	31.90	63.8	2	
1,2-Dichlorobenzene	ug/L	50	28.25	56.5	27.40	54.8	3	
2-Methylphenol	ug/L	50	31.15	62.3	29.00	58.0	7	
Bis(2-Chloroisopropyl)ether	ug/L	50	29.45	58.9	29.45	58.9	0	
3&4-Methylphenol	ug/L	50	25.00	50.0	27.00	54.0	8	
N-Nitroso-di-n-propylamine	ug/L	50	30.00	60.0	29.90	59.8	0	
Hexachloroethane	ug/L	50	28.30	56.6	30.45	60.9	7	
Nitrobenzene	ug/L	50	31.05	62.1	31.20	62.4	0	
Isophorone	ug/L	50	31.55	63.1	33.30	66.6	5	
2-Nitrophenol	ug/L	50	36.40	72.8	36.95	73.9	1	
2,4-Dimethylphenol	ug/L	50	15.10	30.2	14.30	28.6	5	
Benzoic Acid	ug/L	100	77.00	77.0	84.00	84.0	9	1
Bis(2-Chloroethoxy)methane	ug/L	50	33.10	66.2	33.40	66.8	1	
2,4-Dichlorophenol	ug/L	50	32.85	65.7	34.45	68.9	5	
1,2,4-Trichlorobenzene	ug/L	50	32.70	65.4	35.00	70.0	7	
Naphthalene	ug/L	50	27.90	55.8	31.95	63.9	14	
4-Chloroaniline	ug/L	50	20.60	41.2	15.25	30.5	30	
Hexachlorobutadiene	ug/L	50	32.85	65.7	36.60	73.2	11	
4-Chloro-3-methylphenol	ug/L	50	32.70	65.4	37.20	74.4	13	

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QUALITY CONTROL DATA

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

LABORATORY CONTROL SAMPLE & LCSD: 10708360 10708378

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
thylnaphthalene	ug/L	50	31.45	62.9	36.60	73.2	15	
chlorocyclopentadiene	ug/L	100	10.45	10.5	14.55	14.6	33	2,2
,6-Trichlorophenol	ug/L	50	33.50	67.0	34.40	68.8	3	
,5-Trichlorophenol	ug/L	50	35.05	70.1	34.95	69.9	0	3,3
loronaphthalene	ug/L	50	29.80	59.6	31.95	63.9	7	
troaniline	ug/L	50	35.20	70.4	37.45	74.9	6	3,3
imethylphthalate	ug/L	50	35.00	70.0	34.55	69.1	1	
aphthylene	ug/L	50	30.50	61.0	33.00	66.0	8	
Dinitrotoluene	ug/L	50	39.40	78.8	37.40	74.8	5	
troaniline	ug/L	50	33.80	67.6	33.20	66.4	2	3,3
cenaphthene	ug/L	50	27.65	55.3	31.15	62.3	12	
Dinitrophenol	ug/L	50	45.00	90.0	45.25	90.5	1	3,3
trophenol	ug/L	50	34.30	68.6	35.40	70.8	3	3,3
nzofuran	ug/L	50	31.90	63.8	33.20	66.4	4	
4-Dinitrotoluene	ug/L	50	29.30	58.6	31.55	63.1	7	
thylphthalate	ug/L	50	36.80	73.6	35.15	70.3	5	
hlorophenyl-phenylether	ug/L	50	18.75	37.5	19.80	39.6	5	
rene	ug/L	50	32.70	65.4	34.65	69.3	6	
troaniline	ug/L	50	39.50	79.0	39.20	78.4	1	3,3
nitro-2-methylphenol	ug/L	50	38.80	77.6	38.70	77.4	0	3,3
osodiphenylamine	ug/L	50	29.50	59.0	33.45	66.9	13	
omophenyl-phenylether	ug/L	50	33.00	66.0	36.10	72.2	9	
chlorobenzene	ug/L	50	35.90	71.8	39.70	79.4	10	
achlorophenol	ug/L	50	33.85	67.7	36.30	72.6	7	3,3
anthrene	ug/L	50	29.40	58.8	32.80	65.6	11	
nthracene	ug/L	50	29.25	58.5	33.85	67.7	15	
n-butylphthalate	ug/L	50	32.60	65.2	33.80	67.6	4	
oranthene	ug/L	50	31.65	63.3	31.85	63.7	1	
ne	ug/L	50	37.75	75.5	37.05	74.1	2	
utylbenzylphthalate	ug/L	50	35.65	71.3	37.65	75.3	5	
-Dichlorobenzidine	ug/L	50	16.90	33.8	14.55	29.1	15	3,3
o(a)anthracene	ug/L	50	33.60	67.2	35.80	71.6	6	
ysene	ug/L	50	34.60	69.2	37.45	74.9	8	
is(2-Ethylhexyl)phthalate	ug/L	50	39.10	78.2	39.75	79.5	2	
n-octylphthalate	ug/L	50	36.45	72.9	37.85	75.7	4	
o(b)fluoranthene	ug/L	50	34.35	68.7	36.65	73.3	6	
o(k)fluoranthene	ug/L	50	32.75	65.5	35.45	70.9	8	
Benzo(a)pyrene	ug/L	50	32.95	65.9	34.30	68.6	4	
eno(1,2,3-cd)pyrene	ug/L	50	32.75	65.5	34.45	68.9	5	
enz(a,h)anthracene	ug/L	50	32.90	66.8	35.00	70.0	6	
Benzo(g,h,i)perylene	ug/L	50	35.70	71.4	37.45	74.9	5	

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QUALITY CONTROL DATA

DATE: 07/21/98

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

RATORY CONTROL SAMPLE & LCSD: 10708360 10708378

..meter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
obenzene-d5 (S)				65		69		
uorobiphenyl (S)				64		73		
phenyl-d14 (S)				75		80		
ol-d6 (S)				65		65		
uorophenol (S)				62		61		
6-Tribromophenol (S)				81		86		

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QUALITY CONTROL DATA

re Analytical Long Beach SC
Gilman Street
Beach, CA 90815

Pace Project Number: 108166
Client Project ID: 980624-05 13482A

CB
: Mr. Richard Villafania
ne: (562)498-9515

atch ID: 13910
ysis Method: EPA 8080
ssociated Pace Samples: 10704138

QC Batch Method: EPA 3510
Analysis Description: PCB's in Water, Low Level

QD BLANK: 10708444
ssociated Pace Samples:
10704138

arameter	Units	Method Blank Result	PRL	Footnotes
--1016 (Arochlor 1016)	ug/L	ND	0.1	
1221 (Arochlor 1221)	ug/L	ND	0.1	
R-1232 (Arochlor 1232)	ug/L	ND	0.1	
242 (Arochlor 1242)	ug/L	ND	0.1	
248 (Arochlor 1248)	ug/L	ND	0.1	
1254 (Arochlor 1254)	ug/L	ND	0.1	
1260 (Arochlor 1260)	ug/L	ND	0.1	
achloro-meta-xylene (S)	%	11		4
chlorobiphenyl (S)	%	13		5

RATORY CONTROL SAMPLE & LCSD: 10708451 10708469

arameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
1016 (Arochlor 1016)	ug/L	1.0	0.6961	69.6	0.7461	74.6	7	
1260 (Arochlor 1260)	ug/L	1.0	0.6081	60.8	0.7016	70.2	14	
etrachloro-meta-xylene (S)				33		44		
chlorobiphenyl (S)				42		76		

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1,2,4-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/08/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/08/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/08/98	TAW	110-75-8
Acetone	7.7	ug/kg	20	07/08/98	TAW	67-64-1
1,2,3						
2-Butanone	ND	ug/kg	10	07/08/98	TAW	78-93-3

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DATE: 07/20/98

GE: 54

Pace Project Number:

8217

Client Project ID:

980625-04

ce Sample No: 10707594 Date Collected: 06/24/98

Matrix: Soil

ient Sample ID: DTB57-1-3 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	otnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/08/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/08/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/08/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/08/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/08/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/08/98	TAW	64 17 5	
Isopropyl Ether	ND	ug/kg	5	07/08/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/08/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/08/98	TAW	994-05-8	
2 Methyl-2-propanol	ND	ug/kg	100	07/08/98	TAW	75-65-0	
Dibromofluoromethane (S)	82	%		07/08/98	TAW	1868-53-7	
Toluene-d8 (S)	100	%		07/08/98	TAW	2037-26-5	
4 Bromofluorobenzene (S)	106	%		07/08/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%		07/08/98	TAW	17060-07-	

DATE: 07/20/98

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Pace Project Number:

9217

Client Project ID:

980625-04

Pace Sample No: 10707602 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: DTB58-1-55ar Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#
Footnotes						
GC/MS -- Semi-VOA						
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 350	
Phenol	110	ug/kg	330	07/09/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/09/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/09/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/09/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/09/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/09/98	SAC	39638-32-9
4-Methylphenol	ND	ug/kg	330	07/09/98	SAC	106-44-5
N-Nitroso-di-n propylamine	ND	ug/kg	330	07/09/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/09/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/09/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/09/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/09/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/09/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/09/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/09/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/09/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/09/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/09/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/09/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/09/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/09/98	SAC	59-50-7

2-Methylnaphthalene	ND	ug/kg	330	07/09/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3
Acenaphthylene	69	ug/kg	330	07/09/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/09/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5

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DATE: 07/20/98

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Pace Project Number:

8217

Client Project ID:

960625-04

Pace Sample No: 10707602 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: DTB58-1-S Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS# Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/09/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/09/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534 52 1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5
Phenanthrene	110	ug/kg	330	07/09/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/09/98	SAC	120-12-7
Di-n-butylphthalate	440	ug/kg	330	07/09/98	SAC	84-74-2
Fluoranthene	180	ug/kg	330	07/09/98	SAC	206-44 0
Pyrene	410	ug/kg	330	07/09/98	SAC	129-00-0
Butylbenzylphthalate	84	ug/kg	330	07/09/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1
Benzo(a)anthracene	240	ug/kg	330	07/09/98	SAC	56-55-3
Chrysene	210	ug/kg	330	07/09/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	180	ug/kg	330	07/09/98	SAC	117 81-7
Di-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0

2-Methylnaphthalene	ND	ug/kg	330	07/09/98	SAC	91-57-6
Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3
Acenaphthylene	200	ug/kg	330	07/09/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/09/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5

LATE: 07/20/98

GE: 58

Pace Project Number:

9217

Client Project ID:

9e0625-04

ce Sample No: 10707610 Date Collected: 06/24/98

Matrix: Soil

ient Sample ID: DTB58-1-3.0 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/09/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/09/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6	
4,6 Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5	
Phenanthrene	330	ug/kg	330	07/09/98	SAC	85-01-8	
Anthracene	91	ug/kg	330	07/09/98	SAC	120-12-7	
Di-n-butylphthalate	360	ug/kg	330	07/09/98	SAC	84-74-2	
Fluoranthene	790	ug/kg	330	07/09/98	SAC	206-44-0	
Pyrene	1700	ug/kg	330	07/09/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/09/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1	
Benzo(a)anthracene	870	ug/kg	330	07/09/98	SAC	56-55-3	
Chrysene	770	ug/kg	330	07/09/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/09/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0	
Benzo(b)fluoranthene	1200	ug/kg	330	07/09/98	SAC	205-99-2	
Benzo(k)fluoranthene	590	ug/kg	330	07/09/98	SAC	207-08-9	
Benzo(a)pyrene	1000	ug/kg	330	07/09/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/09/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/09/98	SAC	53-70-3	

Benzo(g,h,i)perylene	270	ug/kg	330	07/09/98	SAC	191-24-2
Nitrobenzene-d5 (S)	91	%		07/09/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	97	%		07/09/98	SAC	321-60-8
Terphenyl-d14 (S)	118	%		07/09/98	SAC	1718-51-0
Phenol-d6 (S)	77	%		07/09/98	SAC	13127-88-
2-Fluorophenol (S)	67	%		07/09/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	89	%		07/09/98	SAC	118-79-6
Date Extracted				07/06/98		

L..TE: 07/20/98

GE: 59

Pace Project Number:

8217

Client Project ID:

e0625-04

RAMETER FOOTNOTES

Not Detected
Not Calculable
PRL Pace Reporting Limit
Surrogate
Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
Common laboratory contaminant.
Detected but below the PRL; therefore, result is an estimated concentration (CLP J-flag).

Pace Analytical

QUALITY CONTROL DATA

DATE: 07/20/98

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Pace Analytical Long Beach SC
108217
760 Gilman Street
30625-04
Long Beach, CA 90815

Pace Project Number:
Client Project ID:

Attn: Mr. Richard Villafania
Phone: (562)498-9515

QC Batch ID: 13907
Analysis Method: EPA 8270
Associated Pace Samples: 10707438

QC Batch Method: EPA 3520
Analysis Description: Semivolatile Organics

METHOD BLANK: 10708352
Associated Pace Samples:
10707438

Parameter	Units	Method Blank Result	PRL	Footnotes
Phenol	ug/L	ND	10	
Bis(2-Chloroethyl)ether	ug/L	ND	10	
2-Chlorophenol	ug/L	ND	10	
1,3-Dichlorobenzene	ug/L	ND	10	
1,4-Dichlorobenzene	ug/L	ND	10	
Benzyl Alcohol	ug/L	ND	10	
1,2-Dichlorobenzene	ug/L	ND	10	
2-Methylphenol	ug/L	ND	10	
Bis(2-Chloroisopropyl)ether	ug/L	ND	10	
4-Methylphenol	ug/L	ND	10	
N-Nitroso-di-n-propylamine	ug/L	ND	10	
Hexachloroethane	ug/L	ND	10	
Nitrobenzene	ug/L	ND	10	
Isophorone	ug/L	ND	10	
2-Nitrophenol	ug/L	ND	10	
2,4-Dimethylphenol	ug/L	ND	10	
Benzoic Acid	ug/L	ND	50	
Bis(2-Chloroethoxy)methane	ug/L	ND	10	
2,4-Dichlorophenol	ug/L	ND	10	

2,4-Trichlorobenzene	ug/L	ND	10
aphthalene	ug/L	ND	10
-Chloroaniline	ug/L	ND	10
Hexachlorobutadiene	ug/L	ND	10
-Chloro-3-methylphenol	ug/L	ND	10
-Methylnaphthalene	ug/L	ND	10

QUALITY CONTROL DATA

DATE: 07/20/98

AGE: 61

Pace Project Number:

98217

Client Project ID:

980625-04

METHOD BLANK: 10708352

Associated Pace Samples:

10707438

Parameter	Units	Method Blank Result	PRL	Footnotes
Hexachlorocyclopentadiene	ug/L	ND	10	
2,4,6-Trichlorophenol	ug/L	ND	10	
2,4,5-Trichlorophenol	ug/L	ND	50	
2-Chloronaphthalene	ug/L	ND	10	
2-Nitroaniline	ug/L	ND	50	
Dimethylphthalate	ug/L	ND	10	
Acenaphthylene	ug/L	ND	10	
2,6-Dinitrotoluene	ug/L	ND	10	
3-Nitroaniline	ug/L	ND	50	
Acenaphthene	ug/L	ND	10	
2,4-Dinitrophenol	ug/L	ND	50	
4-Nitrophenol	ug/L	ND	50	
Dibenzofuran	ug/L	ND	10	
2,4-Dinitrotoluene	ug/L	ND	10	
Diethylphthalate	ug/L	ND	10	
4-Chlorophenyl-phenylether	ug/L	ND	10	
Fluorene	ug/L	ND	10	
4-Nitroaniline	ug/L	ND	50	
4,6-Dinitro-2-methylphenol	ug/L	ND	50	
N-Nitrosodiphenylamine	ug/L	ND	10	
4-Bromophenyl-phenylether	ug/L	ND	10	
Hexachlorobenzene	ug/L	ND	10	
Pentachlorophenol	ug/L	ND	50	
Phenanthrene	ug/L	ND	10	
Anthracene	ug/L	ND	10	
Di-n-butylphthalate	ug/L	ND	10	
Fluoranthene	ug/L	ND	10	
Pyrene	ug/L	ND	10	
Butylbenzylphthalate	ug/L	ND	10	
3,3'-Dichlorobenzidine	ug/L	ND	20	
Benzo(a)anthracene	ug/L	ND	10	
Chrysene	ug/L	ND	10	

b'is(2-Ethylhexyl)phthalate	ug/L	ND	10
[-n-octylphthalate	ug/L	ND	10
E azo(b)fluoranthene	ug/L	ND	10
Benzo(k)fluoranthene	ug/L	ND	10
F nzo(a)pyrene	ug/L	ND	10
: deno(1,2,3-cd)pyrene	ug/L	ND	10

QUALITY CONTROL DATA

ATE: 07/20/98

GE: 62

Pace Project Number:

08217

Client Project ID:

d0625-04

THOD BLANK: 10708352

Associated Pace Samples:

10707438

rameter	Units	Method Blank Result	PRL	Footnotes
ibenz(a,h)anthracene	ug/L	ND	10	
enzo(g,h,i)perylene	ug/L	ND	10	
robenzene-d5 (S)	%	64		
Fluorobiphenyl (S)	%	59		
Terphenyl-d14 (S)	%	70		
henol-d6 (S)	%	56		
Fluorophenol (S)	%	52		
,4,6 Tribromophenol (S)	%	71		

LABORATORY CONTROL SAMPLE & LCSD: 10708360 10708378

rameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	ootnotes
henol	ug/L	50	25.25	50.5	29.05	58.1	14	
bis(2-Chloroethyl)ether	ug/L	50	24.75	49.5	26.25	52.5	6	
-Chlorophenol	ug/L	50	27.55	55.1	28.25	56.5	3	
,3-Dichlorobenzene	ug/L	50	29.60	59.2	29.60	59.2	0	
1,4-Dichlorobenzene	ug/L	50	28.05	56.1	28.25	56.5	1	
enzyl Alcohol	ug/L	50	31.25	62.5	31.90	63.8	2	
,2-Dichlorobenzene	ug/L	50	28.25	56.5	27.40	54.8	3	
-Methylphenol	ug/L	50	31.15	62.3	29.00	58.0	7	
bis(2 Chloroisopropyl)ether	ug/L	50	29.45	58.9	29.45	58.9	0	
-Methylphenol	ug/L	50	25.00	50.0	27.00	54.0	8	
-Nitroso-di-n-propylamine	ug/L	50	30.00	60.0	29.90	59.8	0	
hexachloroethane	ug/L	50	28.30	56.6	30.45	60.9	7	
itrobenzene	ug/L	50	31.05	62.1	31.20	62.4	0	
sophorone	ug/L	50	31.55	63.1	33.30	66.6	5	
-Nitrophenol	ug/L	50	36.40	72.8	36.95	73.9	1	

4-Dimethylphenol	ug/L	50	15.10	30.2	14.30	28.6	5
nzoic Acid	ug/L	100	77.00	77.0	84.00	84.0	9
bis(2-Chloroethoxy)methane	ug/L	50	33.10	66.2	33.40	66.8	1
4-Dichlorophenol	ug/L	50	32.85	65.7	34.45	68.9	5
2,4-Trichlorobenzene	ug/L	50	32.70	65.4	35.00	70.0	7
Naphthalene	ug/L	50	27.90	55.8	31.95	63.9	14
-Chloroaniline	ug/L	50	20.60	41.2	15.25	30.5	30
exachlorobutadiene	ug/L	50	32.85	65.7	36.60	73.2	11
-Chloro-3-methylphenol	ug/L	50	32.70	65.4	37.20	74.4	13

QUALITY CONTROL DATA

LATE: 07/20/98

GE: 63

Pace Project Number:

8217

Client Project ID:

98625-04

ABORATORY CONTROL SAMPLE & LCSD: 10708360 10708378

arameter ootnotes	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD
Methylnaphthalene	ug/L	50	31.45	62.9	36.60	73.2	15
xachlorocyclopentadiene .2	ug/L	100	10.45	10.5	14.55	14.6	33
),6-Trichlorophenol	ug/L	50	33.50	67.0	34.40	68.8	3
4,5-Trichlorophenol 3,3	ug/L	50	35.05	70.1	34.95	69.9	0
-Chloronaphthalene	ug/L	50	29.80	59.6	31.95	63.9	7
-Nitroaniline .,3	ug/L	50	35.20	70.4	37.45	74.9	6
methylphthalate	ug/L	50	35.00	70.0	34.55	69.1	1
enaphthylene	ug/L	50	30.50	61.0	33.00	66.0	8
.6-Dinitrotoluene	ug/L	50	39.40	78.8	37.40	74.8	5
3-Nitroaniline .3	ug/L	50	33.80	67.6	33.20	66.4	2
cenaphthene	ug/L	50	27.65	55.3	31.15	62.3	12
,4-Dinitrophenol .3	ug/L	50	45.00	90.0	45.25	90.5	1
-Nitrophenol .3	ug/L	50	34.30	68.6	35.40	70.8	3
Dibenzofuran	ug/L	50	31.90	63.8	33.20	66.4	4
,4-Dinitrotoluene	ug/L	50	29.30	58.6	31.55	63.1	7
iethylphthalate	ug/L	50	36.80	73.6	35.15	70.3	5
4-Chlorophenyl-phenylether	ug/L	50	18.75	37.5	19.80	39.6	5
luorene	ug/L	50	32.70	65.4	34.65	69.3	6
-Nitroaniline .,3	ug/L	50	39.50	79.0	39.20	78.4	1
,6-Dinitro-2-methylphenol .3	ug/L	50	38.80	77.6	38.70	77.4	0
-Nitrosodiphenylamine	ug/L	50	29.50	59.0	33.45	66.9	13
romophenyl-phenylether	ug/L	50	33.00	66.0	36.10	72.2	9
exachlorobenzene	ug/L	50	35.90	71.8	39.70	79.4	10
entachlorophenol .3	ug/L	50	33.85	67.7	36.30	72.6	7

Phenanthrene	ug/L	50	29.40	58.8	32.80	65.6	11
Anthracene	ug/L	50	29.25	58.5	33.85	67.7	15
Di-n-butylphthalate	ug/L	50	32.60	65.2	33.80	67.6	4
Fluoranthene	ug/L	50	31.65	63.3	31.85	63.7	1
Pyrene	ug/L	50	37.75	75.5	37.05	74.1	2
Butylbenzylphthalate	ug/L	50	35.65	71.3	37.65	75.3	5
3,3'-Dichlorobenzidine	ug/L	50	16.90	33.8	14.55	29.1	15
Benzo(a)anthracene	ug/L	50	33.60	67.2	35.80	71.6	6
Chrysene	ug/L	50	34.60	69.2	37.45	74.9	8
bis(2-Ethylhexyl)phthalate	ug/L	50	39.10	78.2	39.75	79.5	2
Di-n-octylphthalate	ug/L	50	36.45	72.9	37.85	75.7	4
Benzo(b)fluoranthene	ug/L	50	34.35	68.7	36.65	73.3	6
Benzo(k)fluoranthene	ug/L	50	32.75	65.5	35.45	70.9	8
Benzo(a)pyrene	ug/L	50	32.95	65.9	34.30	68.6	4
Indeno(1,2,3-cd)pyrene	ug/L	50	32.75	65.5	34.45	68.9	5
Dibenz(a,h)anthracene	ug/L	50	32.90	65.8	35.00	70.0	6
Benzo(g,h,i)perylene	ug/L	50	35.70	71.4	37.45	74.9	5

Pace Analytical

QUALITY CONTROL DATA

DATE: 07/20/98

) GE: 64

Pace Project Number:

9217

Client Project ID:

960625-04

I BORATORY CONTROL SAMPLE & LCSD: 10708360 10708378

rameter otnotes	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD
trobenzene-d5 (S)				65		69	
Fluorobiphenyl (S)				64		73	
Terphenyl-d14 (S)				75		80	
pol-d6 (S)				65		69	
.luorophenol (S)				62		61	
2,4,6-Tribromophenol (S)				81		86	

Pace Analytical

QUALITY CONTROL DATA

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Pace Analytical Long Beach SC
108217
2960 Gilman Street
30625-04
Long Beach, CA 90815

Pace Project Number:

Client Project ID:

Attn: Mr. Richard Villafania
Phone: (562)498-9515

QC Batch ID: 13910
Analysis Method: EPA 8080
Associated Pace Samples: 10707438

QC Batch Method: EPA 3510
Analysis Description: PCB's in Water, Low Level

METHOD BLANK: 10708444
Associated Pace Samples:
10707438

Parameter	Units	Method Blank Result	PRL	Footnotes
PCB-1016 (Arochlor 1016)	ug/L	ND	0.1	
PCB-1221 (Arochlor 1221)	ug/L	ND	0.1	
PCB-1232 (Arochlor 1232)	ug/L	ND	0.1	
PCB-1242 (Arochlor 1242)	ug/L	ND	0.1	
PCB-1248 (Arochlor 1248)	ug/L	ND	0.1	
PCB-1254 (Arochlor 1254)	ug/L	ND	0.1	
PCB-1260 (Arochlor 1260)	ug/L	ND	0.1	
Tetrachloro-meta xylene (S)	%	61		4
Decachlorobiphenyl (S)	%	13		5

LABORATORY CONTROL SAMPLE & LCSD: 10708451 10708469

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
PCB-1016 (Arochlor 1016)	ug/L	1.0	0.6961	69.6	0.7461	74.6	7	

PCB-1260 (Arochlor 1260)	ug/L	1.0	0.6081	60.8	0.7016	70.2	14
Tetrachloro-meta-xylene (S)				33		44	
Decachlorobiphenyl (S)				42		76	

QUALITY CONTROL DATA

ATE: 07/20/98

GE: 66

ce Analytical Long Beach SC
8217
960 Gilman Street
10625-04
ng Beach, CA 90815

Pace Project Number:

Client Project ID:

Attn: Mr. Richard Villafania
hone: (562)498-9515

QC Batch ID: 14008
QC Batch Method: EPA 3550
Analysis Method: EPA 8080
Analysis Description: PCB's in Soil, Low Level
Associated Pace Samples: 10707529 10707537 10707586 10707594

METHOD BLANK: 10713477
Associated Pace Samples:

		10707529	10707537	10707586	10707594
Parameter	Units	Method Blank Result	PRL	Footnotes	
PCB-1016 (Arochlor 1016)	mg/kg	ND	0.03		
PCB-1221 (Arochlor 1221)	mg/kg	ND	0.03		
PCB-1232 (Arochlor 1232)	mg/kg	ND	0.03		
PCB-1242 (Arochlor 1242)	mg/kg	ND	0.03		
PCB-1248 (Arochlor 1248)	mg/kg	ND	0.03		
PCB-1254 (Arochlor 1254)	mg/kg	ND	0.03		
PCB-1260 (Arochlor 1260)	mg/kg	ND	0.03		
Tetrachloro-meta-xylene (S)	%	82			
Decachlorobiphenyl (S)	%	84			

LABORATORY CONTROL SAMPLE & LCSD: 10713485 10713493

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
PCB-1016 (Arochlor 1016)	mg/kg	0.33	0.3171	95.1	0.3288	98.6	4	

PCB-1260 (Arochlor 1260)	mg/kg	0.33	0.3155	94.7	0.3265	98.0	3
Tetrachloro-meta-xylene (S)				88		90	
Decachlorobiphenyl (S)				89		100	

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Pace Analytical Long Beach SC
18217
2360 Gilman Street
Suite 0625-04
Long Beach, CA 90815

Pace Project Number:

Client Project ID:

Attn: Mr. Richard Villafania
Phone: (562)498-9515

QC Batch ID: 14112
Analysis Method: EPA 8270
Associated Pace Samples: 10707446 10707453 10707461 10707479 10707487 10707495 10707503 10707511 10707529 10707537 10707545 10707552 10707602 10707610

QC Batch Method: EPA 3550
Analysis Description: Semivolatile Organics

METHOD BLANK: 10719409
Associated Pace Samples:
10707446 10707453 10707461 10707479 10707487 10707495 10707503 10707511 10707529 10707537 10707545 10707552 10707602 10707610

Parameter	Units	Method Blank Result	PRL	Footnotes
Phenol	ug/kg	ND	330	
bis(2-Chloroethyl)ether	ug/kg	ND	330	
2-Chlorophenol	ug/kg	ND	330	
1,3-Dichlorobenzene	ug/kg	ND	330	
1,4-Dichlorobenzene	ug/kg	ND	330	
Benzyl Alcohol	ug/kg	ND	660	
1,2-Dichlorobenzene	ug/kg	ND	330	
2-Methylphenol	ug/kg	ND	330	
bis(2-Chloroisopropyl)ether	ug/kg	ND	330	
4-Methylphenol	ug/kg	ND	330	
N-Nitroso-di-n propylamine	ug/kg	ND	330	
Hexachloroethane	ug/kg	ND	330	
Nitrobenzene	ug/kg	ND	330	
Isophorone	ug/kg	ND	330	

Nitrophenol	ug/kg	ND	330
4-Dimethylphenol	ug/kg	ND	330
nzoic Acid	ug/kg	ND	1600
bis(2-Chloroethoxy)methane	ug/kg	ND	330
4-Dichlorophenol	ug/kg	ND	330
2,4-Trichlorobenzene	ug/kg	ND	330
aphthalene	ug/kg	ND	330
-Chloroaniline	ug/kg	ND	660

QUALITY CONTROL DATA

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Pace Project Number:

9217

Client Project ID:

So0625-04

METHOD BLANK: 10719409

Associated Pace Samples:

10707446 10707453 10707461 10707479 10707487 10707495 10707503

10707511 10707529 10707537 10707545 10707552 10707602 10707610

Parameter	Units	Method Blank Result	PRL	Footnotes
Hexachlorobutadiene	ug/kg	ND	330	
4-Chloro-3-methylphenol	ug/kg	ND	660	
2-Methylnaphthalene	ug/kg	ND	330	
Hexachlorocyclopentadiene	ug/kg	ND	330	
2,4,6-Trichlorophenol	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2-Chloronaphthalene	ug/kg	ND	330	
2-Nitroaniline	ug/kg	ND	1600	
Dimethylphthalate	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
3-Nitroaniline	ug/kg	ND	1600	
Acenaphthene	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1600	
4-Nitrophenol	ug/kg	ND	1600	
Dibenzofuran	ug/kg	ND	330	
2,4-Dinitrotoluene	ug/kg	ND	330	
Diethylphthalate	ug/kg	ND	330	
4-Chlorophenyl-phenylether	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
4-Nitroaniline	ug/kg	ND	1600	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1600	
N-Nitrosodiphenylamine	ug/kg	ND	330	
4-Bromophenyl-phenylether	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1600	
Phenanthrene	ug/kg	ND	330	
Anthracene	ug/kg	ND	330	
Di-n butylphthalate	ug/kg	76	330	J

F'uoranthene	ug/kg	ND	330
I rene	ug/kg	ND	330
E tylbenzylphthalate	ug/kg	ND	330
3,3'-Dichlorobenzidine	ug/kg	ND	660
I nzo(a)anthracene	ug/kg	ND	330
(rysene	ug/kg	ND	330
b..s(2-Ethylhexyl)phthalate	ug/kg	ND	330
r '-n-octylphthalate	ug/kg	ND	330

QUALITY CONTROL DATA

Pace Project Number:

98217

Client Project ID:

00625-04

METHOD BLANK: 10719409

Associated Pace Samples:

10707446 10707453 10707461 10707479 10707487 10707495 10707503

10707511 10707529 10707537 10707545 10707552 10707602 10707610

Parameter	Units	Method Blank Result	PRL	Footnotes
nzo(b)fluoranthene	ug/kg	ND	330	
Benzo(k)fluoranthene	ug/kg	ND	330	
nzo(a)pyrene	ug/kg	ND	330	
dono(1,2,3-cd)pyrene	ug/kg	ND	330	
benz(a,h)anthracene	ug/kg	ND	330	
nzo(g,h,i)perylene	ug/kg	ND	330	
trobenzene-d5 (S)	%	89		
Fluorobiphenyl (S)	%	98		
Terphenyl-d14 (S)	%	244		
henol-d6 (S)	%	84		
Fluorophenol (S)	%	72		
2,4,6-Tribromophenol (S)	%	104		

LABORATORY CONTROL SAMPLE & LCSD: 10719417 10719425

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
henol	ug/kg	1667	1013	60.8	1167	70.0	14	
2-Chlorophenol	ug/kg	1667	1113	66.8	1267	76.0	13	
1,4-Dichlorobenzene	ug/kg	1667	1103	66.2	1393	83.6	23	
N-Nitroso-di-n-propylamine	ug/kg	1667	1107	66.4	1307	78.4	17	
1,2,4-Trichlorobenzene	ug/kg	1667	1027	61.6	1193	71.6	15	
4-Chloro-3-methylphenol	ug/kg	1667	996.7	59.8	1177	70.6	17	
cenaphthene	ug/kg	1667	1170	70.2	1400	84.0	18	

Nitrophenol	ug/kg	1667	1020	61.2	1100	66.0	8
3							
4-Dinitrotoluene	ug/kg	1667	810.0	48.6	1083	65.0	29
Pentachlorophenol	ug/kg	1667	566.7	34.0	656.7	39.4	15
3							
rene	ug/kg	1667	2307	138	2080	125	10
Nitrobenzene-d5 (S)				79		91	
Fluorobiphenyl (S)				88		98	
rphenyl-d14 (S)				155		143	

QUALITY CONTROL DATA

DATE: 07/20/98

AGE: 70

Pace Analytical Long Beach SC
108217
1960 Gilman Street
90625-04
Long Beach, CA 90815

Pace Project Number:

Client Project ID:

Attn: Mr. Richard Villafania
Phone: (562)498-9515

QC Batch ID: 14275
Analysis Method: EPA 8260
Associated Pace Samples: 10707370 10707388 10707396 10707404 10707412 10707420 10707560 10707578 10707586

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260

METHOD BLANK: 10724540
Associated Pace Samples:
10707370 10707388 10707396 10707404 10707412 10707420 10707560 10707578 10707586

Parameter	Units	Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/kg	ND	5	
Chloromethane	ug/kg	ND	5	
Vinyl Chloride	ug/kg	ND	5	
Bromomethane	ug/kg	ND	5	
Chloroethane	ug/kg	ND	5	
Trichlorofluoromethane	ug/kg	ND	5	
Methylene Chloride	ug/kg	ND	5	
1,1-Dichloroethene	ug/kg	ND	5	
trans-1,2-Dichloroethene	ug/kg	ND	5	
1,1-Dichloroethane	ug/kg	ND	5	
1,2-Dichloropropane	ug/kg	ND	5	
cis-1,2-Dichloroethene	ug/kg	ND	5	
Chloroform	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,1,1-Trichloroethane	ug/kg	ND	5	
Carbon Tetrachloride	ug/kg	ND	5	

1-Dichloropropene	ug/kg	ND	5
nzene	ug/kg	ND	5
2-Dichloroethane	ug/kg	ND	5
Trichloroethene	ug/kg	ND	5
2-Dichloropropane	ug/kg	ND	5
omodichloromethane	ug/kg	ND	5
Dibromomethane	ug/kg	ND	5

QUALITY CONTROL DATA

LATE: 07/20/98

GE: 71

Pace Project Number:

8217

Client Project ID:

960625-04

THOD BLANK: 10724540
Associated Pace Samples:
10707370 10707388 10707396 10707404 10707412
707420 10707560
10707578 10707586

rameter	Units	Method Blank Result	PRL	Footnotes
ene	ug/kg	ND	5	
,2-Trichloroethane	ug/kg	ND	5	
Tetrachloroethene	ug/kg	ND	5	
3-Dichloropropane	ug/kg	ND	5	
bromochloromethane	ug/kg	ND	5	
,2-Dibromoethane	ug/kg	ND	5	
Chlorobenzene	ug/kg	ND	5	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5	
hylbenzene	ug/kg	ND	5	
M&P-Xylene	ug/kg	ND	5	
Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
yrene	ug/kg	ND	5	
bromoform	ug/kg	ND	5	
opropylbenzene (Cumene)	ug/kg	ND	5	
1,2,2-Tetrachloroethane	ug/kg	ND	5	
omobenzene	ug/kg	ND	5	
1,2,3-Trichloropropane	ug/kg	ND	5	
Propylbenzene	ug/kg	ND	5	
Chlorotoluene	ug/kg	ND	5	
3,5-Trimethylbenzene	ug/kg	ND	5	
Chlorotoluene	ug/kg	ND	5	
2,4-Trimethylbenzene	ug/kg	ND	5	
ec-Butylbenzene	ug/kg	ND	5	
rt-Butylbenzene	ug/kg	ND	5	
Isopropyltoluene	ug/kg	ND	5	
-Dichlorobenzene	ug/kg	ND	5	
Dichlorobenzene	ug/kg	ND	5	
utylbenzene	ug/kg	ND	5	
2-Dichlorobenzene	ug/kg	ND	5	
,2-Dibromo-3-Chloropropane	ug/kg	ND	5	

,4-Trichlorobenzene	ug/kg	ND	5
xachlorobutadiene	ug/kg	ND	5
phthalene	ug/kg	ND	5
1,2,3-Trichlorobenzene	ug/kg	ND	5
ans-1,3-Dichloropropene	ug/kg	ND	5
s-1,3-Dichloropropene	ug/kg	ND	5
-Chloroethyl Vinyl Ether	ug/kg	ND	5

QUALITY CONTROL DATA

DATE: 07/20/98

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Pace Project Number:

8217

Client Project ID:

980625-04

METHOD BLANK: 10724540

Associated Pace Samples:

10707370 10707388 10707396 10707404 10707412 10707420 10707560 10707578 10707586

Parameter	Units	Method Blank Result	PRL	Footnotes
Acetone	ug/kg	7.7	20	B,6
2-Butanone	ug/kg	ND	10	
4-Methyl-2-Pentanone	ug/kg	ND	10	
Carbon Disulfide	ug/kg	ND	10	
2-Hexanone	ug/kg	ND	100	
Vinyl Acetate	ug/kg	ND	100	
Methyl-tert-butyl Ether	ug/kg	ND	5	
Ethanol	ug/kg	ND	500	
Isopropyl Ether	ug/kg	ND	5	
Ethyl-tert-butyl ether	ug/kg	ND	5	
tert-Amylmethyl ether	ug/kg	ND	5	
1,1-Methyl-2-propanol	ug/kg	ND	100	
Dibromofluoromethane (S)	%	94		
Toluene-d8 (S)	%	104		
4-Bromofluorobenzene (S)	%	104		
1,2-Dichloroethane-d4 (S)	%	104		

MATRIX SPIKE: 10724557

Parameter	Units	10707339	Spike Conc.	Matrix Spike Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	0	50	53.00	106	
Chloromethane	ug/kg	0	50	53.00	106	
Vinyl Chloride	ug/kg	0	50	55.00	110	
Bromomethane	ug/kg	0	50	53.00	106	
Chloroethane	ug/kg	0	50	53.00	106	
Trichlorofluoromethane	ug/kg	0	50	40.00	80.0	
Methylene Chloride	ug/kg	0	50	43.00	86.0	

QUALITY CONTROL DATA

DATE: 07/20/98

PAGE: 73

Pace Project Number:

08217

Client Project ID:

240625-04

MATRIX SPIKE: 10724557

Parameter	Units	10707339	Spike Conc.	Matrix Spike Result	Spike % Rec	Footnotes
Carbon Tetrachloride	ug/kg	0	50	37.00	74.0	
1,1-Dichloropropene	ug/kg	0	50	38.00	76.0	
Benzene	ug/kg	0	50	42.00	84.0	
1,2-Dichloroethane	ug/kg	0	50	38.00	76.0	
Trichloroethene	ug/kg	0	50	37.00	74.0	
1,2-Dichloropropane	ug/kg	0	50	34.00	68.0	
Bromodichloromethane	ug/kg	0	50	32.00	64.0	
Dibromomethane	ug/kg	0	50	32.00	64.0	
Toluene	ug/kg	0	50	40.00	80.0	
1,1,2-Trichloroethane	ug/kg	0	50	34.00	68.0	
Tetrachloroethene	ug/kg	0	50	36.00	72.0	
1,3-Dichloropropane	ug/kg	0	50	33.00	66.0	
Dibromochloromethane	ug/kg	0	50	32.00	64.0	
1,2-Dibromoethane	ug/kg	0	50	32.00	64.0	
Chlorobenzene	ug/kg	0	50	36.00	72.0	
1,1,1,2-Tetrachloroethane	ug/kg	0	50	36.00	72.0	
Ethylbenzene	ug/kg	0	50	40.00	80.0	
m&P-Xylene	ug/kg	0	100	80.00	80.0	
O-Xylene (1,2-Dimethylbenzene)	ug/kg	0	50	39.00	78.0	
Styrene	ug/kg	0	50	36.00	72.0	
Bromoform	ug/kg	0	50	34.00	68.0	
Isopropylbenzene (Cumene)	ug/kg	0	50	39.00	78.0	
1,1,2,2-Tetrachloroethane	ug/kg	0	50	37.00	74.0	
Bromobenzene	ug/kg	0	50	33.00	66.0	
1,2,3-Trichloropropane	ug/kg	0	50	42.00	84.0	
n-Propylbenzene	ug/kg	0	50	24.00	48.0	
2-Chlorotoluene	ug/kg	0	50	36.00	72.0	
1,3,5-Trimethylbenzene	ug/kg	0	50	36.00	72.0	
4-Chlorotoluene	ug/kg	0	50	34.00	68.0	
1,2,4-Trimethylbenzene	ug/kg	0	50	34.00	68.0	
sec-Butylbenzene	ug/kg	0	50	34.00	68.0	
tert-Butylbenzene	ug/kg	0	50	36.00	72.0	
p-Isopropyltoluene	ug/kg	0	50	33.00	66.0	
1,3-Dichlorobenzene	ug/kg	0	50	30.00	60.0	
1,4-Dichlorobenzene	ug/kg	0	50	29.00	58.0	

Butylbenzene	ug/kg	0	50	30.00	60.0
2-Dichlorobenzene	ug/kg	0	50	30.00	60.0
2-Dibromo-3-Chloropropane	ug/kg	0	50	38.00	76.0
1,2,4-Trichlorobenzene	ug/kg	0	50	19.00	38.0
Hexachlorobutadiene	ug/kg	0	50	22.00	44.0
Naphthalene	ug/kg	0	50	19.00	38.0

QUALITY CONTROL DATA

DATE: 07/20/98

AGE: 74

Pace Project Number:

98217

Client Project ID:

980625-04

MATRIX SPIKE: 10724557

arameter	Units	10707339	Spike Conc.	Matrix Spike Result	Spike % Rec	Footnotes
,2,3-Trichlorobenzene	ug/kg	0	50	19.00	38.0	
rans-1,3-Dichloropropene	ug/kg	0	50	32.00	64.0	
is-1,3-Dichloropropene	ug/kg	0	50	32.00	64.0	
Dibromofluoromethane (S)					88	
luene-d8 (S)					100	
romofluorobenzene (S)					104	
,2-Dichloroethane-d4 (S)					92	

LABORATORY CONTROL SAMPLE: 10724573

rameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
ichlorodifluoromethane	ug/kg	50	58.00	116	
hloromethane	ug/kg	50	58.00	116	
nyl Chloride	ug/kg	50	59.00	118	
Bromomethane	ug/kg	50	58.00	116	
hloroethane	ug/kg	50	55.00	110	
richlorofluoromethane	ug/kg	50	45.00	90.0	
Methylene Chloride	ug/kg	50	48.00	96.0	
,1-Dichloroethene	ug/kg	50	44.00	88.0	
rans-1,2-Dichloroethene	ug/kg	50	42.00	84.0	
,1-Dichloroethane	ug/kg	50	46.00	92.0	
,2-Dichloropropane	ug/kg	50	46.00	92.0	
is-1,2-Dichloroethene	ug/kg	50	43.00	86.0	
hloroform	ug/kg	50	44.00	88.0	
Bromochloromethane	ug/kg	50	41.00	82.0	
,1,1-Trichloroethane	ug/kg	50	43.00	86.0	
rbon Tetrachloride	ug/kg	50	42.00	84.0	
-Dichloropropene	ug/kg	50	45.00	90.0	
nzene	ug/kg	50	49.00	98.0	
,2-Dichloroethane	ug/kg	50	44.00	88.0	
richloroethene	ug/kg	50	44.00	88.0	
1,2 Dichloropropane	ug/kg	50	38.00	76.0	

romodichloromethane	ug/kg	50	37.00	74.0
bromomethane	ug/kg	50	37.00	74.0
oluene	ug/kg	50	48.00	96.0
1,2-Trichloroethane	ug/kg	50	39.00	78.0
trachloroethene	ug/kg	50	44.00	88.0
3-Dichloropropane	ug/kg	50	39.00	78.0
ibromochloromethane	ug/kg	50	38.00	76.0

QUALITY CONTROL DATA

DATE: 07/20/98

GE: 75

Pace Project Number:

8217

Client Project ID:

30625-04

LABORATORY CONTROL SAMPLE: 10724573

rameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
2-Dibromoethane	ug/kg	50	39.00	78.0	
lorobenzene	ug/kg	50	48.00	96.0	
1,1,2-Tetrachloroethane	ug/kg	50	43.00	86.0	
Ethylbenzene	ug/kg	50	52.00	104	
-Xylene	ug/kg	100	100.0	100	
ylene (1,2-Dimethylbenzene)	ug/kg	50	51.00	102	
ityrene	ug/kg	50	51.00	102	
omoform	ug/kg	50	43.00	86.0	
opropylbenzene (Cumene)	ug/kg	50	51.00	102	
1,2,2-Tetrachloroethane	ug/kg	50	47.00	94.0	
Bromobenzene	ug/kg	50	48.00	96.0	
2,3-Trichloropropane	ug/kg	50	40.00	80.0	
-Propylbenzene	ug/kg	50	33.00	66.0	
2-Chlorotoluene	ug/kg	50	51.00	102	
3,5-Trimethylbenzene	ug/kg	50	50.00	100	
-Chlorotoluene	ug/kg	50	50.00	100	
2,4-Trimethylbenzene	ug/kg	50	48.00	96.0	
ec-Butylbenzene	ug/kg	50	50.00	100	
rt-Butylbenzene	ug/kg	50	48.00	96.0	
Isopropyltoluene	ug/kg	50	48.00	96.0	
1,3-Dichlorobenzene	ug/kg	50	49.00	98.0	
4-Dichlorobenzene	ug/kg	50	48.00	96.0	
-Butylbenzene	ug/kg	50	49.00	98.0	
2-Dichlorobenzene	ug/kg	50	48.00	96.0	
2-Dibromo-3-Chloropropane	ug/kg	50	47.00	94.0	
2,4-Trichlorobenzene	ug/kg	50	42.00	84.0	
exachlorobutadiene	ug/kg	50	43.00	86.0	
Naphthalene	ug/kg	50	37.00	74.0	
2,3-Trichlorobenzene	ug/kg	50	41.00	82.0	
ans-1,3-Dichloropropene	ug/kg	50	38.00	76.0	
-1,3-Dichloropropene	ug/kg	50	38.00	76.0	
romofluoromethane (S)				88	
luene-d8 (S)				96	
-Bromofluorobenzene (S)				104	
1,2-Dichloroethane-d4 (S)				88	

QUALITY CONTROL DATA

DATE: 07/20/98

GE: 76

ce Analytical Long Beach SC
08217
60 Gilman Street
0625-04
Long Beach, CA 90815

Pace Project Number:

Client Project ID:

ttn: Mr. Richard Villafania
one: (562)498-9515

QC Batch ID: 14283
alysis Method: EPA 8260
ociated Pace Samples: 10707594

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260

THOD BLANK: 10724813
Associated Pace Samples:
10707594

Parameter	Units	Method Blank Result	PRL	Footnotes
ichlorodifluoromethane	ug/kg	ND	5	
Chloromethane	ug/kg	ND	5	
nyl Chloride	ug/kg	ND	5	
romomethane	ug/kg	ND	5	
Chloroethane	ug/kg	ND	5	
richlorofluoromethane	ug/kg	ND	5	
ethylene Chloride	ug/kg	ND	5	
,1-Dichloroethene	ug/kg	ND	5	
rans-1,2-Dichloroethene	ug/kg	ND	5	
,1-Dichloroethane	ug/kg	ND	5	
,2-Dichloropropane	ug/kg	ND	5	
cis-1,2-Dichloroethene	ug/kg	ND	5	
hloroform	ug/kg	ND	5	
romochloromethane	ug/kg	ND	5	
,1-Trichloroethane	ug/kg	ND	5	
rbon Tetrachloride	ug/kg	ND	5	
,1-Dichloropropene	ug/kg	ND	5	
enzene	ug/kg	ND	5	
,2-Dichloroethane	ug/kg	ND	5	

I chloroethene	ug/kg	ND	5
1 ?-Dichloropropane	ug/kg	ND	5
Bromodichloromethane	ug/kg	ND	5
bromomethane	ug/kg	ND	5
l .uene	ug/kg	ND	5
1,1,2-Trichloroethane	ug/kg	ND	5

QUALITY CONTROL DATA

DATE: 07/20/98

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Pace Project Number:

13217

Client Project ID:

970625-04

METHOD BLANK: 10724813

Associated Pace Samples:

10707594

Parameter	Units	Method Blank Result	PRL	Footnotes
Tetrachloroethene	ug/kg	ND	5	
1,2-Dichloropropane	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,2-Dibromoethane	ug/kg	ND	5	
Chlorobenzene	ug/kg	ND	5	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5	
Ethylbenzene	ug/kg	ND	5	
m&p-Xylene	ug/kg	ND	5	
o-Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
Bromoform	ug/kg	ND	5	
Isopropylbenzene (Cumene)	ug/kg	ND	5	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
1,2,3-Trichloropropane	ug/kg	ND	5	
n-Propylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
1,3,5-Trimethylbenzene	ug/kg	ND	5	
4-Chlorotoluene	ug/kg	ND	5	
tert-Butylbenzene	ug/kg	ND	5	
1,2,4-Trimethylbenzene	ug/kg	ND	5	
sec-Butylbenzene	ug/kg	ND	5	
p-Isopropyltoluene	ug/kg	ND	5	
1,3-Dichlorobenzene	ug/kg	ND	5	
1,4-Dichlorobenzene	ug/kg	ND	5	
n-Butylbenzene	ug/kg	ND	5	
1,2-Dichlorobenzene	ug/kg	ND	5	
1,2-Dibromo-3-Chloropropane	ug/kg	ND	5	
1,2,4-Trichlorobenzene	ug/kg	ND	5	
Hexachlorobutadiene	ug/kg	ND	5	
Naphthalene	ug/kg	ND	5	
1,2,3 Trichlorobenzene	ug/kg	ND	5	

	ans-1,3-Dichloropropene	ug/kg	ND	5	
	s-1,3-Dichloropropene	ug/kg	ND	5	
2	-Chloroethyl Vinyl Ether	ug/kg	ND	5	
	etone	ug/kg	7.6	20	3,6
	Butanone	ug/kg	ND	10	
4	Methyl-2-Pentanone	ug/kg	ND	10	

QUALITY CONTROL DATA

DATE: 07/20/98

GE: 78

Pace Project Number:

8217

Client Project ID:

980625-04

METHOD BLANK: 10724813

sociated Pace Samples:

10707594

rameter	Units	Method Blank Result	PRL	Footnotes
Carbon Disulfide	ug/kg	ND	10	
exanone	ug/kg	ND	100	
yl Acetate	ug/kg	ND	100	
ethyl-tert-butyl Ether	ug/kg	ND	5	
hanol	ug/kg	ND	500	
opropyl Ether	ug/kg	ND	5	
hyl-tert-butyl ether	ug/kg	ND	5	
tert Amylmethyl ether	ug/kg	ND	5	
Methyl-2-propanol	ug/kg	ND	100	
bromofluoromethane (S)	%	80		
oluene-d8 (S)	%	98		
Bromofluorobenzene (S)	%	104		
2-Dichloroethane-d4 (S)	%	86		

BORATORY CONTROL SAMPLE: 10724821

rameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
ichlorodifluoromethane	ug/kg	50	56.00	112	
hloromethane	ug/kg	50	58.00	116	
nyl Chloride	ug/kg	50	62.00	124	
omomethane	ug/kg	50	66.00	132	
Chloroethane	ug/kg	50	59.00	118	
ichlorofluoromethane	ug/kg	50	46.00	92.0	
thylene Chloride	ug/kg	50	51.00	102	
-Dichloroethene	ug/kg	50	47.00	94.0	
ans-1,2-Dichloroethene	ug/kg	50	45.00	90.0	
1-Dichloroethane	ug/kg	50	50.00	100	
2-Dichloropropane	ug/kg	50	48.00	96.0	
cis-1,2-Dichloroethene	ug/kg	50	47.00	94.0	

loroform	ug/kg	50	48.00	96.0
omochloromethane	ug/kg	50	44.00	88.0
1,1,1-Trichloroethane	ug/kg	50	45.00	90.0
rbon Tetrachloride	ug/kg	50	44.00	88.0
1-Dichloropropene	ug/kg	50	47.00	94.0
nzene	ug/kg	50	52.00	104
2-Dichloroethane	ug/kg	50	47.00	94.0

QUALITY CONTROL DATA

DATE: 07/20/98

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Pace Project Number:

9217

Client Project ID:

20625-04

LABORATORY CONTROL SAMPLE: 10724821

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichloroethene	ug/kg	50	47.00	94.0	
2-Dichloropropane	ug/kg	50	42.00	84.0	
Bromodichloromethane	ug/kg	50	41.00	82.0	
Dibromomethane	ug/kg	50	40.00	80.0	
Toluene	ug/kg	50	51.00	102	
1,2-Trichloroethane	ug/kg	50	43.00	86.0	
Tetrachloroethene	ug/kg	50	47.00	94.0	
1,3-Dichloropropane	ug/kg	50	42.00	84.0	
Dibromochloromethane	ug/kg	50	41.00	82.0	
1,2-Dibromoethane	ug/kg	50	42.00	84.0	
Chlorobenzene	ug/kg	50	51.00	102	
1,1,1,2-Tetrachloroethane	ug/kg	50	48.00	96.0	
Ethylbenzene	ug/kg	50	54.00	108	
M&P-Xylene	ug/kg	100	110.0	110	
O-Xylene (1,2-Dimethylbenzene)	ug/kg	50	54.00	108	
Styrene	ug/kg	50	55.00	110	
Bromoform	ug/kg	50	46.00	92.0	
Isopropylbenzene (Cumene)	ug/kg	50	53.00	106	
1,1,2,2-Tetrachloroethane	ug/kg	50	48.00	96.0	
Bromobenzene	ug/kg	50	52.00	104	
1,2,3-Trichloropropane	ug/kg	50	40.00	80.0	
n-Propylbenzene	ug/kg	50	35.00	70.0	
2-Chlorotoluene	ug/kg	50	53.00	106	
1,3,5-Trimethylbenzene	ug/kg	50	52.00	104	
4-Chlorotoluene	ug/kg	50	53.00	106	
1,2,4-Trimethylbenzene	ug/kg	50	51.00	102	
sec-Butylbenzene	ug/kg	50	52.00	104	
tert-Butylbenzene	ug/kg	50	51.00	102	
p-Isopropyltoluene	ug/kg	50	51.00	102	
1,3-Dichlorobenzene	ug/kg	50	52.00	104	
1,4-Dichlorobenzene	ug/kg	50	52.00	104	
n-Butylbenzene	ug/kg	50	53.00	106	
1,2-Dichlorobenzene	ug/kg	50	51.00	102	
1,2-Dibromo-3-Chloropropane	ug/kg	50	48.00	96.0	
1,2,4-Trichlorobenzene	ug/kg	50	48.00	96.0	

xachlorobutadiene	ug/kg	50	48.00	96.0
phthalene	ug/kg	50	41.00	82.0
1,2,3-Trichlorobenzene	ug/kg	50	47.00	94.0
ans-1,3-Dichloropropene	ug/kg	50	43.00	86.0
s-1,3-Dichloropropene	ug/kg	50	42.00	84.0
bromofluoromethane (S)				90

QUALITY CONTROL DATA

DATE: 07/20/98

PAGE: 80

Pace Project Number:

8217

Client Project ID:

070625-04

LABORATORY CONTROL SAMPLE: 10724821

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Toluene-d8 (S)				96	
4-Bromofluorobenzene (S)				102	
1,2-Dichloroethane-d4 (S)				88	

Pace Analytical

QUALITY CONTROL DATA

DATE: 07/20/98

Pace Analytical Long Beach SC
08217
960 Gilman Street
30625-04
Long Beach, CA 90815

Pace Project Number:

Client Project ID:

ttn: Mr. Richard Villafania
hone: (562)498-9515

QC Batch ID: 14615
alysis Method: EPA 8260
sociated Pace Samples: 10707438

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260 MN

METHOD BLANK: 10739597
Associated Pace Samples:
10707438

arameter	Units	Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/L	ND	5	
Chloromethane	ug/L	ND	5	
inyl Chloride	ug/L	ND	5	
romomethane	ug/L	ND	5	
Chloroethane	ug/L	ND	5	
richlorofluoromethane	ug/L	ND	5	
ethylene Chloride	ug/L	ND	5	
1,1-Dichloroethene	ug/L	ND	5	
rans-1,2-Dichloroethene	ug/L	ND	5	
,1-Dichloroethane	ug/L	ND	5	
,2-Dichloropropane	ug/L	ND	5	
cis-1,2-Dichloroethene	ug/L	ND	5	
hloroform	ug/L	ND	5	
romochloromethane	ug/L	ND	5	
,1,1-Trichloroethane	ug/L	1.7	5	3
arbon Tetrachloride	ug/L	ND	5	
,1-Dichloropropene	ug/L	ND	5	
Benzene	ug/L	ND	5	
,2 Dichloroethane	ug/L	ND	5	

ichloroethene	ug/L	ND	5
2-Dichloropropane	ug/L	ND	5
omodichloromethane	ug/L	ND	5
bromomethane	ug/L	ND	5
ans-1,3-Dichloropropene	ug/L	ND	5
luene	ug/L	ND	5

Pace Analytical

QUALITY CONTROL DATA

DATE: 07/20/98

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Pace Project Number:

3217

Client Project ID:

980625-04

METHOD BLANK: 10739597

Associated Pace Samples:

10707438

Parameter	Units	Method Blank Result	PRL	Footnotes
cis-1,3-Dichloropropene	ug/L	ND	5	
1,2-Trichloroethane	ug/L	ND	5	
Tetrachloroethene	ug/L	ND	5	
1,3-Dichloropropane	ug/L	ND	5	
Dibromochloromethane	ug/L	ND	5	
1,2-Dibromoethane	ug/L	ND	5	
Chlorobenzene	ug/L	ND	5	
1,1,1,2-Tetrachloroethane	ug/L	ND	5	
Ethylbenzene	ug/L	ND	5	
Xylene (Total)	ug/L	ND	5	
Styrene	ug/L	ND	5	
Bromoform	ug/L	ND	5	
Isopropylbenzene (Cumene)	ug/L	ND	5	
1,1,2,2-Tetrachloroethane	ug/L	ND	5	
Bromobenzene	ug/L	ND	5	
1,2,3-Trichloropropane	ug/L	ND	5	
n-Propylbenzene	ug/L	ND	5	
2-Chlorotoluene	ug/L	ND	5	
1,3,5-Trimethylbenzene	ug/L	ND	5	
4-Chlorotoluene	ug/L	ND	5	
1,2,4-Trimethylbenzene	ug/L	ND	5	
sec-Butylbenzene	ug/L	ND	5	
tert-Butylbenzene	ug/L	ND	5	
p-Isopropyltoluene	ug/L	ND	5	
1,3-Dichlorobenzene	ug/L	ND	5	
1,4-Dichlorobenzene	ug/L	ND	5	
n-Butylbenzene	ug/L	ND	5	
1,2-Dichlorobenzene	ug/L	ND	5	
1,2-Dibromo-3-Chloropropane	ug/L	ND	5	
1,2,4 Trichlorobenzene	ug/L	ND	5	
Hexachlorobutadiene	ug/L	ND	5	
Naphthalene	ug/L	ND	5	

2,3-Trichlorobenzene	ug/L	ND	5	
opropyl Ether	ug/L	ND	50	
ethyl-tert-butyl Ether	ug/L	ND	5	
etone	ug/L	14	10	3,6
Butanone	ug/L	ND	10	
rbon Disulfide	ug/L	ND	5	

QUALITY CONTROL DATA

DATE: 07/20/98

GE: 83

Pace Project Number:

8217

Client Project ID:

980625-04

METHOD BLANK: 10739597

ssociated Pace Samples:

10707438

rameter	Units	Method Blank Result	PRL	Footnotes
2-Chloroethyl Vinyl Ether	ug/L	ND	10	
Hexanone	ug/L	ND	10	
ethyl-2-Pentanone	ug/L	ND	10	
ert-Amylmethyl ether	ug/L	ND	100	
hyl-tert-butyl ether	ug/L	ND	5	
Methyl-2 propanol	ug/L	ND	100	
nyl Acetate	ug/L	ND	10	
Ethanol	ug/L	ND	500	
bromofluoromethane (S)	%	100		
luene-d8 (S)	%	94		
4-Bromofluorobenzene (S)	%	92		
2-Dichloroethane-d4 (S)	%	98		

BORATORY CONTROL SAMPLE: 10739605

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
chlorodifluoromethane	ug/L	50	47.00	94.0	
loromethane	ug/L	50	45.00	90.0	
Vinyl Chloride	ug/L	50	55.00	110	
omomethane	ug/L	50	67.00	134	
loroethane	ug/L	50	60.00	120	
Trichlorofluoromethane	ug/L	50	52.00	104	
thylene Chloride	ug/L	50	52.00	104	
1 Dichloroethene	ug/L	50	56.00	112	
ns-1,2-Dichloroethene	ug/L	50	49.00	98.0	
-Dichloroethane	ug/L	50	45.00	90.0	
2-Dichloropropane	ug/L	50	55.00	110	
s-1,2-Dichloroethene	ug/L	50	53.00	106	
Chloroform	ug/L	50	52.00	104	

Bromochloromethane	ug/L	50	53.00	106
1,1,1-Trichloroethane	ug/L	50	61.00	122
Carbon Tetrachloride	ug/L	50	57.00	114
1,1-Dichloropropene	ug/L	50	55.00	110
Benzene	ug/L	50	45.00	90.0
1,2-Dichloroethane	ug/L	50	49.00	98.0
Trichloroethene	ug/L	50	53.00	106

QUALITY CONTROL DATA

DATE: 07/20/98

GE: 84

Pace Project Number:

8217

Client Project ID:

980625-04

LABORATORY CONTROL SAMPLE: 10739605

rameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
2-Dichloropropane	ug/L	50	48.00	96.0	
omodichloromethane	ug/L	50	52.00	104	
bromomethane	ug/L	50	51.00	102	
trans-1,3-Dichloropropene	ug/L	50	52.00	104	
luene	ug/L	50	53.00	106	
-1,3-Dichloropropene	ug/L	50	51.00	102	
1,1,2-Trichloroethane	ug/L	50	50.00	100	
Tetrachloroethene	ug/L	50	69.00	138	
3-Dichloropropane	ug/L	50	50.00	100	
bromochloromethane	ug/L	50	54.00	108	
1,2-Dibromoethane	ug/L	50	52.00	104	
hlorobenzene	ug/L	50	50.00	100	
1,1,1,2-Tetrachloroethane	ug/L	50	53.00	106	
thylbenzene	ug/L	50	51.00	102	
ylene (Total)	ug/L	150	150.0	100	
yrene	ug/L	50	50.00	100	
omoform	ug/L	50	55.00	110	
Isopropylbenzene (Cumene)	ug/L	50	49.00	98.0	
1,2,2-Tetrachloroethane	ug/L	50	48.00	96.0	
omobenzene	ug/L	50	53.00	106	
1,2,3-Trichloropropane	ug/L	50	47.00	94.0	
Propylbenzene	ug/L	50	47.00	94.0	
Chlorotoluene	ug/L	50	48.00	96.0	
3,5-Trimethylbenzene	ug/L	50	49.00	98.0	
4-Chlorotoluene	ug/L	50	46.00	92.0	
2,4-Trimethylbenzene	ug/L	50	52.00	104	
c-Butylbenzene	ug/L	50	45.00	90.0	
tert-Butylbenzene	ug/L	50	46.00	92.0	
-Isopropyltoluene	ug/L	50	47.00	94.0	
3-Dichlorobenzene	ug/L	50	50.00	100	
-Dichlorobenzene	ug/L	50	48.00	96.0	
utylbenzene	ug/L	50	48.00	96.0	
2-Dichlorobenzene	ug/L	50	47.00	94.0	
2-Dibromo-3-Chloropropane	ug/L	50	44.00	88.0	
1,2,4-Trichlorobenzene	ug/L	50	48.00	96.0	

xachlorobutadiene	ug/L	50	46.00	92.0
phthalene	ug/L	50	44.00	88.0
1,2,3-Trichlorobenzene	ug/L	50	47.00	94.0
ibromofluoromethane (S)				102
luene-d8 (S)				104
Bromofluorobenzene (S)				98

QUALITY CONTROL DATA

DATE: 07/20/98

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Pace Project Number:

3217

Client Project ID:

980625-04

LABORATORY CONTROL SAMPLE: 10739605

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
1,2-Dichloroethane-d4 (S)				96	

DATE: 07/20/98

I JE: 86

Pace Project Number:

: 3217

Client Project ID:

980625-04

QUALITY CONTROL DATA PARAMETER FOOTNOTES

(hsistent with EPA guidelines unrounded concentrations are displayed and have been used to
c..lculate % Rec and RPD values.

ND	Not Detected
I	Not Calculable
[L	Pace Reporting Limit
RPD	Relative Percent Difference
)	Surrogate
)	Compound concentration exceeds the calibration range of the instrument (CLP E-Flag).
[2]	Spiked sample recovery is not within control limits.
[3]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-flag).
]	Outside of control limits of 30-154%.
[5]	Outside of control limits of 42-146%.
]	Common laboratory contaminant.

Pace Analytical

July 28, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 108216
Client Project ID: 980625-01 / WO 13488a

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on June 26, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

Pace Analytical

TE: 07/28/98

PAGE: 1

ace Analytical Long Beach SC
8216
60 Gilman Street
980625-04
ng Beach, CA 90815

Pace Project Number:

Client Project ID:

tn: Mr. Richard Villafania
one: (562)498-9515

lid results are reported on a wet weight basis

ace Sample No: 10707339
rix: Soil
ent Sample ID: TTB67-4-10

Date Collected: 06/24/98

Date Received: 06/26/98

Parameters / Footnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
/MS - VOA						
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA
60						
Dichlorodifluoromethane	ND	ug/kg	5	07/08/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/08/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/08/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/08/98	TAW	74-83-9
Chloroethane	ND	ug/kg	5	07/08/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/08/98	TAW	75-69-4
Methylene Chloride	ND	ug/kg	5	07/08/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/08/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/08/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/08/98	TAW	56-23-5

1,1-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/08/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/08/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/08/98	TAW	75-27-4
Dibromomethane	ND	ug/kg	5	07/08/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/08/98	TAW	108-88-3
1,1,2-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/08/98	TAW	127-18-4

Pace Project Number:

8216

Client Project ID:

0625-04

ce Sample No: 10707339 Date Collected: 06/24/98

trix: Soil

Client Sample ID: TTB67-4-10 Date Received: 06/26/98

rameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
1,3-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/08/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/08/98	TAW	106-93-4
Chlorobenzene	ND	ug/kg	5	07/08/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/08/98	TAW	100-41-4
M&P-Xylene	ND	ug/kg	5	07/08/98	TAW	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/08/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/08/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/08/98	TAW	75-25-2
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/08/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/08/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/08/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/08/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/08/98	TAW	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/08/98	TAW	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/08/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/08/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	87-61-6

trans-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/08/98	TAW	110-75-8
Acetone	11	ug/kg	20	07/08/98	TAW	67-64-1
2-Butanone	ND	ug/kg	10	07/08/98	TAW	78-93-3
4-Methyl-2-Pentanone	ND	ug/kg	10	07/08/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/08/98	TAW	75-15-0
2-Hexanone	ND	ug/kg	100	07/08/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/08/98	TAW	108-05-4

ATE: 07/28/98

PAGE: 3

Pace Project Number:

108216

Client Project ID:

30625-04

Pace Sample No: 10707339 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: TTB67-4-10 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Methyl-tert-butyl Ether	ND	ug/kg	5	07/08/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/08/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/08/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/08/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/08/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/08/98	TAW	75-65-0	
Dibromofluoromethane (S)	88	%		07/08/98	TAW	1868-53-7	
Toluene-d8 (S)	102	%		07/08/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	100	%		07/08/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%		07/08/98	TAW	17060-07-	

Pace Project Number:

108216

Client Project ID:

0625-04

ace Sample No: 10707347 Date Collected: 06/24/98

atrix: Soil

Client Sample ID: TTB69-4-10 Date Received: 06/26/98

arameters ootnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
GC/MS -- VOA						
C/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA	
8260						
Dichlorodifluoromethane	ND	ug/kg	5	07/08/98	TAW	75-71-8
Chloromethane	ND	ug/kg	5	07/08/98	TAW	74-87-3
Vinyl Chloride	ND	ug/kg	5	07/08/98	TAW	75-01-4
Bromomethane	ND	ug/kg	5	07/08/98	TAW	74-83-9
Chloroethane	ND	ug/kg	5	07/08/98	TAW	75-00-3
Trichlorofluoromethane	ND	ug/kg	5	07/08/98	TAW	75-69-4
Methylene Chloride	ND	ug/kg	5	07/08/98	TAW	75-09-2
1,1-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-60-5
1,1-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	75-34-3
2,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	594-20-7
cis 1,2-Dichloroethene	ND	ug/kg	5	07/08/98	TAW	156-59-2
Chloroform	ND	ug/kg	5	07/08/98	TAW	67-66-3
Bromochloromethane	ND	ug/kg	5	07/08/98	TAW	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	5	07/08/98	TAW	71-55-6
Carbon Tetrachloride	ND	ug/kg	5	07/08/98	TAW	56-23-5
1,1-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	563-58-6
Benzene	ND	ug/kg	5	07/08/98	TAW	71-43-2
1,2-Dichloroethane	ND	ug/kg	5	07/08/98	TAW	107-06-2
Trichloroethene	ND	ug/kg	5	07/08/98	TAW	79-01-6
1,2-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	78-87-5
Bromodichloromethane	ND	ug/kg	5	07/08/98	TAW	75-27-4
Dibromomethane	ND	ug/kg	5	07/08/98	TAW	74-95-3
Toluene	ND	ug/kg	5	07/08/98	TAW	108-88-3
1,1,2 Trichloroethane	ND	ug/kg	5	07/08/98	TAW	79-00-5
Tetrachloroethene	ND	ug/kg	5	07/08/98	TAW	127-18-4

1,3-Dichloropropane	ND	ug/kg	5	07/08/98	TAW	142-28-9
Dibromochloromethane	ND	ug/kg	5	07/08/98	TAW	124-48-1
1,2-Dibromoethane	ND	ug/kg	5	07/08/98	TAW	106-93-4
Chlorobenzene	ND	ug/kg	5	07/08/98	TAW	108-90-7
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	630-20-6
Ethylbenzene	ND	ug/kg	5	07/08/98	TAW	100-41-4
M&P-Xylene	ND	ug/kg	5	07/08/98	TAW	7816-60-0
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/08/98	TAW	95-47-6
Styrene	ND	ug/kg	5	07/08/98	TAW	100-42-5
Bromoform	ND	ug/kg	5	07/08/98	TAW	75-25-2

Pace Project Number:

108216

Client Project ID:

0625-04

ce Sample No: 10707347 Date Collected: 06/24/98

trix: Soil

Client Sample ID: TTB69-4-10 Date Received: 06/26/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#
otnotes						
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/08/98	TAW	98-82-8
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/08/98	TAW	79-34-5
Bromobenzene	ND	ug/kg	5	07/08/98	TAW	108-86-1
1,2,3-Trichloropropane	ND	ug/kg	5	07/08/98	TAW	96-18-4
n-Propylbenzene	ND	ug/kg	5	07/08/98	TAW	103-65-1
2-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	95-49-8
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	108-67-8
4-Chlorotoluene	ND	ug/kg	5	07/08/98	TAW	106-43-4
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/08/98	TAW	95-63-6
sec-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	135-98-8
tert-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	98-06-6
p-Isopropyltoluene	ND	ug/kg	5	07/08/98	TAW	99-87-6
1,3-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	106-46-7
n-Butylbenzene	ND	ug/kg	5	07/08/98	TAW	104-51-8
1,2-Dichlorobenzene	ND	ug/kg	5	07/08/98	TAW	95-50-1
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/08/98	TAW	96-12-8
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	120-82-1
Hexachlorobutadiene	ND	ug/kg	5	07/08/98	TAW	87-68-3
Naphthalene	ND	ug/kg	5	07/08/98	TAW	91-20-3
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/08/98	TAW	87-61-6
trans-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-02-
cis-1,3-Dichloropropene	ND	ug/kg	5	07/08/98	TAW	10061-01-
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/08/98	TAW	110-75-8
Acetone	8.9	ug/kg	20	07/08/98	TAW	67-64-1
2,3						
2-Butanone	ND	ug/kg	10	07/08/98	TAW	78-93-3
4-Methyl-2-Pentanone	ND	ug/kg	10	07/08/98	TAW	108-10-1
Carbon Disulfide	ND	ug/kg	10	07/08/98	TAW	75-15-0

2-Hexanone	ND	ug/kg	100	07/08/98	TAW	591-78-6
Vinyl Acetate	ND	ug/kg	100	07/08/98	TAW	108-05-4
Methyl-tert-butyl Ether	ND	ug/kg	5	07/08/98	TAW	1634-04-4
Ethanol	ND	ug/kg	500	07/08/98	TAW	64-17-5
Isopropyl Ether	ND	ug/kg	5	07/08/98	TAW	108-20-3
Ethyl-tert-butyl ether	ND	ug/kg	5	07/08/98	TAW	637-92-3
tert-Amylmethyl ether	ND	ug/kg	5	07/08/98	TAW	994-05-8
2-Methyl-2-propanol	ND	ug/kg	100	07/08/98	TAW	75-65-0
Dibromofluoromethane (S)	88	%		07/08/98	TAW	1868-53-7
Toluene-d8 (S)	100	%		07/08/98	TAW	2037-26-5
4-Bromofluorobenzene (S)	100	%		07/08/98	TAW	460-00-4
1,2-Dichloroethane-d4 (S)	96	%		07/08/98	TAW	17060-07-

cc Sample No: 10707354 Date Collected: 06/24/98

trix: Soil

Client Sample ID: TTB69-3-10 Date Received: 06/26/98

rameters ootnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
GC/MS -- Semi-VOA						
emivolatile Organics 3550	Method: EPA 8270				Prep Method: EPA	
Phenol	ND	ug/kg	330	07/02/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/02/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/02/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/02/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/02/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/02/98	SAC	39638-32-
4-Methylphenol	ND	ug/kg	330	07/02/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/02/98	SAC	621-64-7
Hexachloroethane	ND	ug/kg	330	07/02/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/02/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/02/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/02/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/02/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/02/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/02/98	SAC	111-91-1
2,4-Dichlorophenol	ND	ug/kg	330	07/02/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/02/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/02/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/02/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/02/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/02/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/02/98	SAC	91-57-6

Hexachlorocyclopentadiene	ND	ug/kg	330	07/02/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/02/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/02/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/02/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/02/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/02/98	SAC	51-28-5

Pace Project Number:

108216

Client Project ID:

0625-04

ce Sample No: 10707354 Date Collected: 06/24/98

trix: Soil

Client Sample ID: TTB69-3-10 Date Received: 06/26/98

rameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
4-Nitrophenol	ND	ug/kg	1600	07/02/98	SAC	100-02-7
Dibenzofuran	ND	ug/kg	330	07/02/98	SAC	132-64-9
2,4-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	121-14-2
Diethylphthalate	ND	ug/kg	330	07/02/98	SAC	84-66-2
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	7005-72-3
Fluorene	ND	ug/kg	330	07/02/98	SAC	86-73-7
4-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	100-01-6
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/02/98	SAC	534-52-1
N-Nitrosodiphenylamine	ND	ug/kg	330	07/02/98	SAC	86-30-6
4-Bromophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	101-55-3
Hexachlorobenzene	ND	ug/kg	330	07/02/98	SAC	118-74-1
Pentachlorophenol	ND	ug/kg	1600	07/02/98	SAC	87-86-5
Phenanthrene	ND	ug/kg	330	07/02/98	SAC	85-01-8
Anthracene	ND	ug/kg	330	07/02/98	SAC	120-12-7
Di-n-butylphthalate	ND	ug/kg	330	07/02/98	SAC	84-74-2
Fluoranthene	ND	ug/kg	330	07/02/98	SAC	206-44-0
Pyrene	ND	ug/kg	330	07/02/98	SAC	129-00-0
Butylbenzylphthalate	ND	ug/kg	330	07/02/98	SAC	85-68-7
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/02/98	SAC	91-94-1
Benzo(a)anthracene	ND	ug/kg	330	07/02/98	SAC	56-55-3
Chrysene	ND	ug/kg	330	07/02/98	SAC	218-01-9
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/02/98	SAC	117-81-7
Di-n-octylphthalate	ND	ug/kg	330	07/02/98	SAC	117-84-0
Benzo(b)fluoranthene	ND	ug/kg	330	07/02/98	SAC	205-99-2
Benzo(k)fluoranthene	ND	ug/kg	330	07/02/98	SAC	207-08-9
Benzo(a)pyrene	ND	ug/kg	330	07/02/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/02/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/02/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/02/98	SAC	191-24-2
Nitrobenzene-d5 (S)	71	%		07/02/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	74	%		07/02/98	SAC	321-60-8

Terphenyl-d14 (S)	119	%	07/02/98	SAC	1718-51-0
Phenol-d6 (S)	65	%	07/02/98	SAC	13127-88-
2-Fluorophenol (S)	56	%	07/02/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	47	%	07/02/98	SAC	118-79-6
Date Extracted			06/30/98		

Pace Project Number:

08216

Client Project ID:

0625-04

ce Sample No: 10707362 Date Collected: 06/24/98

trix: Soil

lient Sample ID: TTB67-1-10 Date Received: 06/26/98

rameters otnotes	Results	Units	PRL	Analyzed	Analyst	CAS#
GC/MS -- Semi-VOA						
emivolatile Organics 50	Method: EPA 8270					Prep Method: EPA
Phenol	ND	ug/kg	330	07/02/98	SAC	108-95-2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/02/98	SAC	111-44-4
2-Chlorophenol	ND	ug/kg	330	07/02/98	SAC	95-57-8
1,3-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	106-46-7
Benzyl Alcohol	ND	ug/kg	660	07/02/98	SAC	100-51-6
1,2-Dichlorobenzene	ND	ug/kg	330	07/02/98	SAC	95-50-1
2-Methylphenol	ND	ug/kg	330	07/02/98	SAC	95-48-7
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/02/98	SAC	39638 32-
4-Methylphenol	ND	ug/kg	330	07/02/98	SAC	106-44-5
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/02/98	SAC	621 64-7
Hexachloroethane	ND	ug/kg	330	07/02/98	SAC	67-72-1
Nitrobenzene	ND	ug/kg	330	07/02/98	SAC	98-95-3
Isophorone	ND	ug/kg	330	07/02/98	SAC	78-59-1
2-Nitrophenol	ND	ug/kg	330	07/02/98	SAC	88-75-5
2,4-Dimethylphenol	ND	ug/kg	330	07/02/98	SAC	105-67-9
Benzoic Acid	ND	ug/kg	1600	07/02/98	SAC	65-85-0
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/02/98	SAC	111-91 1
2,4-Dichlorophenol	ND	ug/kg	330	07/02/98	SAC	120-83-2
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/02/98	SAC	120-82-1
Naphthalene	ND	ug/kg	330	07/02/98	SAC	91-20-3
4-Chloroaniline	ND	ug/kg	660	07/02/98	SAC	106-47-8
Hexachlorobutadiene	ND	ug/kg	330	07/02/98	SAC	87-68-3
4-Chloro-3-methylphenol	ND	ug/kg	660	07/02/98	SAC	59-50-7
2-Methylnaphthalene	ND	ug/kg	330	07/02/98	SAC	91-57-6

Hexachlorocyclopentadiene	ND	ug/kg	330	07/02/98	SAC	77-47-4
2,4,6-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	88-06-2
2,4,5-Trichlorophenol	ND	ug/kg	330	07/02/98	SAC	95-95-4
2-Chloronaphthalene	ND	ug/kg	330	07/02/98	SAC	91-58-7
2-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	88-74-4
Dimethylphthalate	ND	ug/kg	330	07/02/98	SAC	131-11-3
Acenaphthylene	ND	ug/kg	330	07/02/98	SAC	208-96-8
2,6-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	606-20-2
3-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	99-09-2
Acenaphthene	ND	ug/kg	330	07/02/98	SAC	83-32-9
2,4-Dinitrophenol	ND	ug/kg	1600	07/02/98	SAC	51-28-5

Pace Project Number:

108216

Client Project ID:

10625-04

Pace Sample No: 10707362 Date Collected: 06/24/98

Matrix: Soil

Client Sample ID: TTB67-1-10 Date Received: 06/26/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/02/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/02/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/02/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/02/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/02/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/02/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/02/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/02/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/02/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/02/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/02/98	SAC	87-86-5	
Phenanthrene	100	ug/kg	330	07/02/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/02/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/02/98	SAC	84-74-2	
Fluoranthene	110	ug/kg	330	07/02/98	SAC	206-44-0	
Pyrene	240	ug/kg	330	07/02/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/02/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/02/98	SAC	91-94-1	
Benzo(a)anthracene	76	ug/kg	330	07/02/98	SAC	56-55-3	
Chrysene	94	ug/kg	330	07/02/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/02/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/02/98	SAC	117-84-0	
Benzo(b)fluoranthene	84	ug/kg	330	07/02/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/02/98	SAC	207-08-9	

Benzo(a)pyrene	ND	ug/kg	330	07/02/98	SAC	50-32-8
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/02/98	SAC	193-39-5
Dibenz(a,h)anthracene	ND	ug/kg	330	07/02/98	SAC	53-70-3
Benzo(g,h,i)perylene	ND	ug/kg	330	07/02/98	SAC	191-24-2
Nitrobenzene-d5 (S)	81	%		07/02/98	SAC	4165-60-0
2-Fluorobiphenyl (S)	86	%		07/02/98	SAC	321-60-8
Terphenyl-d14 (S)	145	%		07/02/98	SAC	1718-51-0
Phenol-d6 (S)	76	%		07/02/98	SAC	13127-88-
2-Fluorophenol (S)	64	%		07/02/98	SAC	367-12-4
2,4,6-Tribromophenol (S)	71	%		07/02/98	SAC	118-79-6
Date Extracted				06/30/98		

Pace Project Number:

8216

Client Project ID:

0625-04

RAMETER FOOTNOTES

ND	Not Detected
	Not Calculable
L	Pace Reporting Limit
S)	Surrogate
]	Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
]	Common laboratory contaminant.
]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

QUALITY CONTROL DATA

TE: 07/28/98

PAGE: 11

ce Analytical Long Beach SC
8216
60 Gilman Street
80625-04
ng Beach, CA 90815

Pace Project Number:

Client Project ID:

tn: Mr. Richard Villafania
one: (562)498-9515

Batch ID: 13933
alysis Method: EPA 8270
Associated Pace Samples: 10707354 10707362

QC Batch Method: EPA 3550
Analysis Description: Semivolatile Organics

METHOD BLANK: 10709996
ssociated Pace Samples:
10707354 10707362

rameter	Units	Method Blank Result	PRL	Footnotes
enol	ug/kg	ND	330	
s(2-Chloroethyl)ether	ug/kg	ND	330	
-Chlorophenol	ug/kg	ND	330	
1,3-Dichlorobenzene	ug/kg	ND	330	
,4 Dichlorobenzene	ug/kg	ND	330	
nzyl Alcohol	ug/kg	ND	660	
1,2-Dichlorobenzene	ug/kg	ND	330	
Methylphenol	ug/kg	ND	330	
s(2-Chloroisopropyl)ether	ug/kg	ND	330	
-Methylphenol	ug/kg	ND	330	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	
exachloroethane	ug/kg	ND	330	
itrobenzene	ug/kg	ND	330	
Isophorone	ug/kg	ND	330	
-Nitrophenol	ug/kg	ND	330	
,4-Dimethylphenol	ug/kg	ND	330	
zoic Acid	ug/kg	ND	1600	
s(2-Chloroethoxy)methane	ug/kg	ND	330	
,4-Dichlorophenol	ug/kg	ND	330	

1 4-Trichlorobenzene	ug/kg	ND	330
Naphthalene	ug/kg	ND	330
Chloroaniline	ug/kg	ND	660
1 Hexachlorobutadiene	ug/kg	ND	330
4 Chloro-3-methylphenol	ug/kg	ND	660
Methylnaphthalene	ug/kg	ND	330

QUALITY CONTROL DATA

TE: 07/28/98

GE: 12

Pace Project Number:

8216

Client Project ID:

0625-04

THOD BLANK: 10709996

sociated Pace Samples:

10707354 10707362

rameter	Units	Method Blank Result	PRL	Footnotes
xachlorocyclopentadiene	ug/kg	ND	330	
4,6-Trichlorophenol	ug/kg	ND	330	
4,5-Trichlorophenol	ug/kg	ND	330	
hloronaphthalene	ug/kg	ND	330	
itroaniline	ug/kg	ND	1600	
methylphthalate	ug/kg	ND	330	
enaphthylene	ug/kg	ND	330	
6-Dinitrotoluene	ug/kg	ND	330	
Nitroaniline	ug/kg	ND	1600	
enaphthene	ug/kg	ND	330	
4-Dinitrophenol	ug/kg	ND	1600	
Nitrophenol	ug/kg	ND	1600	
benzofuran	ug/kg	ND	330	
4-Dinitrotoluene	ug/kg	ND	330	
ethylphthalate	ug/kg	ND	330	
Chlorophenyl-phenylether	ug/kg	ND	330	
luorene	ug/kg	ND	330	
Nitroaniline	ug/kg	ND	1600	
6-Dinitro-2-methylphenol	ug/kg	ND	1600	
Nitrosodiphenylamine	ug/kg	ND	330	
Bromophenyl-phenylether	ug/kg	ND	330	
exachlorobenzene	ug/kg	ND	330	
entachlorophenol	ug/kg	ND	1600	
henanthrene	ug/kg	ND	330	
nthracene	ug/kg	ND	330	
-n-butylphthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
yrene	ug/kg	ND	330	
utylbenzylphthalate	ug/kg	ND	330	
'-Dichlorobenzidine	ug/kg	ND	660	
enzo(a)anthracene	ug/kg	ND	330	
hrysene	ug/kg	ND	330	

bis(2-Ethylhexyl)phthalate	ug/kg	ND	330
Di-n-octylphthalate	ug/kg	ND	330
Benzo(b)fluoranthene	ug/kg	ND	330
Benzo(k)fluoranthene	ug/kg	ND	330
Benzo(a)pyrene	ug/kg	ND	330
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330

METHOD BLANK: 10709996
Associated Pace Samples:
10707354 10707362

Parameter	Units	Method Blank Result	PRL	Footnotes
benz(a,h)anthracene	ug/kg	ND	330	
nzo(g,h,i)perylene	ug/kg	ND	330	
Nitrobenzene-d5 (S)	%	69		
Fluorobiphenyl (S)	%	74		
phenyl-d14 (S)	%	90		
enol-d6 (S)	%	73		
Fluorophenol (S)	%	69		
4,6-Tribromophenol (S)	%	76		

LABORATORY CONTROL SAMPLE & LCSD: 10710002 10710010

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
henol	ug/kg	2500	1247	49.9	1307	52.3	5	
Chlorophenol	ug/kg	2500	1200	48.0	1240	49.6	3	
1,4-Dichlorobenzene	ug/kg	1667	1163	69.8	1200	72.0	3	
Nitroso-di-n-propylamine	ug/kg	1667	1227	73.6	1277	76.6	4	
2,4-Trichlorobenzene	ug/kg	1667	1110	66.6	1140	68.4	3	
-Chloro-3-methylphenol	ug/kg	2500	1293	51.7	1437	57.5	11	
cenaphthene	ug/kg	1667	1190	71.4	1297	77.8	9	
Nitrophenol	ug/kg	2500	1157	46.3	1347	53.9	15	
4-Dinitrotoluene	ug/kg	1667	1257	75.4	1400	84.0	11	
Pentachlorophenol	ug/kg	2500	890.0	35.6	996.7	39.9	11	
yrene	ug/kg	1667	1343	80.6	1493	89.6	11	
itrobenzene d5 (S)				76		81		
luorobiphenyl (S)				80		83		
phenyl-d14 (S)				92		101		

QUALITY CONTROL DATA

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cc Analytical Long Beach SC
8216
60 Gilman Street
0625-04
ng Beach, CA 90815

Pace Project Number:

Client Project ID:

tn: Mr. Richard Villafania
one: (562)498-9515

Batch ID: 14275
alysis Method: EPA 8260
Associated Pace Samples: 10707339 10707347

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260

THOD BLANK: 10724540
sociated Pace Samples:
10707339 10707347

rameter	Units	Method Blank Result	PRL	Footnotes
chlorodifluoromethane	ug/kg	ND	5	
loromethane	ug/kg	ND	5	
nyl Chloride	ug/kg	ND	5	
romomethane	ug/kg	ND	5	
loroethane	ug/kg	ND	5	
ichlorofluoromethane	ug/kg	ND	5	
ethylene Chloride	ug/kg	ND	5	
1-Dichloroethene	ug/kg	ND	5	
ans-1,2-Dichloroethene	ug/kg	ND	5	
1-Dichloroethane	ug/kg	ND	5	
2-Dichloropropane	ug/kg	ND	5	
s-1,3-Dichloroethene	ug/kg	ND	5	
loroform	ug/kg	ND	5	
Bromochloromethane	ug/kg	ND	5	
1,1-Trichloroethane	ug/kg	ND	5	
rbon Tetrachloride	ug/kg	ND	5	
-Dichloropropene	ug/kg	ND	5	
zene	ug/kg	ND	5	
2-Dichloroethane	ug/kg	ND	5	

hloroethene	ug/kg	ND	5
-Dichloropropane	ug/kg	ND	5
promodichloromethane	ug/kg	ND	5
bromomethane	ug/kg	ND	5
luene	ug/kg	ND	5
1,2-Trichlorocthane	ug/kg	ND	5

THOD BLANK: 10724540

ociated Pace Samples: 10707339 10707347

rameter	Units	Method Blank Result	PRL	Footnotes
trachloroethene	ug/kg	ND	5	
3-Dichloropropane	ug/kg	ND	5	
Dibromochloromethane	ug/kg	ND	5	
Dibromoethane	ug/kg	ND	5	
robenzene	ug/kg	ND	5	
1,1,2-Tetrachloroethane	ug/kg	ND	5	
hylbenzene	ug/kg	ND	5	
P-Xylene	ug/kg	ND	5	
-Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
omoform	ug/kg	ND	5	
opropylbenzene (Cumene)	ug/kg	ND	5	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5	
omobenzene	ug/kg	ND	5	
2,3-Trichloropropane	ug/kg	ND	5	
-Propylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
3,5-Trimethylbenzene	ug/kg	ND	5	
Chlorotoluene	ug/kg	ND	5	
1,2,4-Trimethylbenzene	ug/kg	ND	5	
c-Butylbenzene	ug/kg	ND	5	
rt-Butylbenzene	ug/kg	ND	5	
-Isopropyltoluene	ug/kg	ND	5	
3-Dichlorobenzene	ug/kg	ND	5	
4-Dichlorobenzene	ug/kg	ND	5	
-Butylbenzene	ug/kg	ND	5	
1,2 Dichlorobenzene	ug/kg	ND	5	
2-Dibromo 3-Chloropropane	ug/kg	ND	5	
2,4-Trichlorobenzene	ug/kg	ND	5	
achlorobutadiene	ug/kg	ND	5	
phthalene	ug/kg	ND	5	
2,3-Trichlorobenzene	ug/kg	ND	5	

s-1,3-Dichloropropene	ug/kg	ND	5	
s-1,3-Dichloropropene	ug/kg	ND	5	
Chloroethyl Vinyl Ether	ug/kg	ND	5	
etone	ug/kg	7.7	20	1,2
-Butanone	ug/kg	ND	10	
Methyl-2-Pentanone	ug/kg	ND	10	

THOD BLANK: 10724540
ociated Pace Samples: 10707339 10707347

arameter	Units	Method Blank Result	PRL	Footnotes
rbon Disulfide	ug/kg	ND	10	
Hexanone	ug/kg	ND	100	
Vinyl Acetate	ug/kg	ND	100	
hyl-tert-butyl Ether	ug/kg	ND	5	
anol	ug/kg	ND	500	
sopropyl Ether	ug/kg	ND	5	
hyl-tert-butyl ether	ug/kg	ND	5	
rt-Amylmethyl ether	ug/kg	ND	5	
Methyl-2-propanol	ug/kg	ND	100	
Dibromofluoromethane (S)	%	94		
luene-d8 (S)	%	104		
Bromofluorobenzene (S)	%	104		
1,2-Dichloroethane-d4 (S)	%	104		

MATRIX SPIKE: 10724557

arameter	Units	10707339	Spike Conc.	Matrix Spike Result	Spike % Rec	Footnotes
ichlorodifluoromethane	ug/kg	0	50	53.00	106	
loromethane	ug/kg	0	50	53.00	106	
inyl Chloride	ug/kg	0	50	55.00	110	
romomethane	ug/kg	0	50	53.00	106	
loroethane	ug/kg	0	50	53.00	106	
ichlorofluoromethane	ug/kg	0	50	40.00	80.0	
Methylene Chloride	ug/kg	0	50	43.00	86.0	
1-Dichloroethene	ug/kg	0	50	40.00	80.0	
ans 1,2-Dichloroethene	ug/kg	0	50	36.00	72.0	
-Dichloroethane	ug/kg	0	50	41.00	82.0	
2-Dichloropropane	ug/kg	0	50	40.00	80.0	
s-1,2-Dichloroethene	ug/kg	0	50	37.00	74.0	

roform	ug/kg	0	50	39.00	78.0
Bromochloromethane	ug/kg	0	50	36.00	72.0
1,1-Trichloroethane	ug/kg	0	50	38.00	76.0
rbon Tetrachloride	ug/kg	0	50	37.00	74.0
1,1-Dichloropropene	ug/kg	0	50	38.00	76.0
nzene	ug/kg	0	50	42.00	84.0
2-Dichloroethane	ug/kg	0	50	38.00	76.0

QUALITY CONTROL DATA

TE: 07/28/98

GE: 17

Pace Project Number:

108216

Client Project ID:

0625-04

TRIX SPIKE: 10724557

Parameter	Units	10707339	Spike Conc.	Matrix Spike Result	Spike % Rec	Footnotes
ichloroethene	ug/kg	0	50	37.00	74.0	
,2-Dichloropropane	ug/kg	0	50	34.00	68.0	
omodichloromethane	ug/kg	0	50	32.00	64.0	
bromomethane	ug/kg	0	50	32.00	64.0	
luene	ug/kg	0	50	40.00	80.0	
1,1,2-Trichloroethane	ug/kg	0	50	34.00	68.0	
rachloroethene	ug/kg	0	50	36.00	72.0	
-Dichloropropane	ug/kg	0	50	33.00	66.0	
ibromochloromethane	ug/kg	0	50	32.00	64.0	
2-Dibromoethane	ug/kg	0	50	32.00	64.0	
lorobenzene	ug/kg	0	50	36.00	72.0	
1,1,2-Tetrachloroethane	ug/kg	0	50	36.00	72.0	
hylbenzene	ug/kg	0	50	40.00	80.0	
P-Xylene	ug/kg	0	100	80.00	80.0	
Xylene (1,2-Dimethylbenzene)	ug/kg	0	50	39.00	78.0	
tyrene	ug/kg	0	50	36.00	72.0	
omoform	ug/kg	0	50	34.00	68.0	
opropylbenzene (Cumene)	ug/kg	0	50	39.00	78.0	
,1,2,2-Tetrachloroethane	ug/kg	0	50	37.00	74.0	
omobenzene	ug/kg	0	50	33.00	66.0	
2,3-Trichloropropane	ug/kg	0	50	42.00	84.0	
-Propylbenzene	ug/kg	0	50	24.00	48.0	
2-Chlorotoluene	ug/kg	0	50	36.00	72.0	
3,5-Trimethylbenzene	ug/kg	0	50	36.00	72.0	
Chlorotoluene	ug/kg	0	50	34.00	68.0	
,2,4-Trimethylbenzene	ug/kg	0	50	34.00	68.0	
ec Butylbenzene	ug/kg	0	50	34.00	68.0	
rt-Butylbenzene	ug/kg	0	50	36.00	72.0	
-Isopropyltoluene	ug/kg	0	50	33.00	66.0	
1,3-Dichlorobenzene	ug/kg	0	50	30.00	60.0	
4-Dichlorobenzene	ug/kg	0	50	29.00	58.0	
-Butylbenzene	ug/kg	0	50	30.00	60.0	
Dichlorobenzene	ug/kg	0	50	30.00	60.0	
,2-Dibromo-3-Chloropropane	ug/kg	0	50	38.00	76.0	
2,4-Trichlorobenzene	ug/kg	0	50	19.00	38.0	

chlorobutadiene	ug/kg	0	50	22.00	44.0
Naphthalene	ug/kg	0	50	19.00	38.0
2,3-Trichlorobenzene	ug/kg	0	50	19.00	38.0
ans-1,3-Dichloropropene	ug/kg	0	50	32.00	64.0
s-1,3-Dichloropropene	ug/kg	0	50	32.00	64.0
bromofluoromethane (S)					88

QUALITY CONTROL DATA

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AGE: 18

Pace Project Number:

108216

Client Project ID:

10625-04

TRIX SPIKE: 10724557

Parameter	Units	10707339	Spike Conc.	Matrix Spike Result	Spike % Rec	Footnotes
luene-d8 (S)					100	
Bromofluorobenzene (S)					104	
2-Dichloroethane-d4 (S)					92	

BORATORY CONTROL SAMPLE: 10724573

rometer	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
chlorodifluoromethane	ug/kg	50	58.00	116	
loromethane	ug/kg	50	58.00	116	
Vinyl Chloride	ug/kg	50	59.00	118	
omomethane	ug/kg	50	58.00	116	
loroethane	ug/kg	50	55.00	110	
richlorofluoromethane	ug/kg	50	45.00	90.0	
ethylene Chloride	ug/kg	50	48.00	96.0	
1-Dichloroethene	ug/kg	50	44.00	88.0	
ans-1,2-Dichloroethene	ug/kg	50	42.00	84.0	
1-Dichloroethane	ug/kg	50	46.00	92.0	
2-Dichloropropane	ug/kg	50	46.00	92.0	
is-1,2-Dichloroethene	ug/kg	50	43.00	86.0	
Chloroform	ug/kg	50	44.00	88.0	
romochloromethane	ug/kg	50	41.00	82.0	
1,1-Trichloroethane	ug/kg	50	43.00	86.0	
arbon Tetrachloride	ug/kg	50	42.00	84.0	
1-Dichloropropene	ug/kg	50	45.00	90.0	
enzene	ug/kg	50	49.00	98.0	
2-Dichloroethane	ug/kg	50	44.00	88.0	
Trichloroethene	ug/kg	50	44.00	88.0	
2-Dichloropropane	ug/kg	50	38.00	76.0	
romodichloromethane	ug/kg	50	37.00	74.0	
romomethane	ug/kg	50	37.00	74.0	
luene	ug/kg	50	48.00	96.0	
1,2-Trichloroethane	ug/kg	50	39.00	78.0	

T achloroethene	ug/kg	50	44.00	88.0
1 -Dichloropropane	ug/kg	50	39.00	78.0
I bromochloromethane	ug/kg	50	38.00	76.0
2-Dibromoethane	ug/kg	50	39.00	78.0
Chlorobenzene	ug/kg	50	48.00	96.0
1,1,2-Tetrachloroethane	ug/kg	50	43.00	86.0
I hylbenzene	ug/kg	50	52.00	104

QUALITY CONTROL DATA

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Pace Project Number:

08216

Client Project ID:

0625-04

BORATORY CONTROL SAMPLE: 10724573

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
P-Xylene	ug/kg	100	100.0	100	
Xylene (1,2-Dimethylbenzene)	ug/kg	50	51.00	102	
yrene	ug/kg	50	51.00	102	
omoform	ug/kg	50	43.00	86.0	
opropylbenzene (Cumene)	ug/kg	50	51.00	102	
1,1,2,2-Tetrachloroethane	ug/kg	50	47.00	94.0	
omobenzene	ug/kg	50	48.00	96.0	
,3-Trichloropropane	ug/kg	50	40.00	80.0	
Propylbenzene	ug/kg	50	33.00	66.0	
Chlorotoluene	ug/kg	50	51.00	102	
3,5-Trimethylbenzene	ug/kg	50	50.00	100	
Chlorotoluene	ug/kg	50	50.00	100	
1,2,4-Trimethylbenzene	ug/kg	50	48.00	96.0	
ec-Butylbenzene	ug/kg	50	50.00	100	
rt-Butylbenzene	ug/kg	50	48.00	96.0	
-Isopropyltoluene	ug/kg	50	48.00	96.0	
,3-Dichlorobenzene	ug/kg	50	49.00	98.0	
,4-Dichlorobenzene	ug/kg	50	48.00	96.0	
Butylbenzene	ug/kg	50	49.00	98.0	
1,2-Dichlorobenzene	ug/kg	50	48.00	96.0	
,2-Dibromo-3-Chloropropane	ug/kg	50	47.00	94.0	
,2,4-Trichlorobenzene	ug/kg	50	42.00	84.0	
Hexachlorobutadiene	ug/kg	50	43.00	86.0	
aphthalene	ug/kg	50	37.00	74.0	
,2,3-Trichlorobenzene	ug/kg	50	41.00	82.0	
rans-1,3-Dichloropropene	ug/kg	50	38.00	76.0	
is-1,3-Dichloropropene	ug/kg	50	38.00	76.0	
ibromofluoromethane (S)				88	
oluene-d8 (S)				96	
4-Bromofluorobenzene (S)				104	
,2-Dichloroethane-d4 (S)				88	

Pace Project Number:

8216

Client Project ID:

0625-04

ALITY CONTROL DATA PARAMETER FOOTNOTES

nsistent with EPA guidelines unrounded concentrations are displayed and have been used to
lculate % Rec and RPD values.

	Not Detected
	Not Calculable
PRL	Pace Reporting Limit
D	Relative Percent Difference
)	Surrogate
..]	Common laboratory contaminant.
?]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-g).

Pace Analytical

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980625-01

396394

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE. HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001.TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date: 7/10/98
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/24/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020	8260 (3)	4270 (11)	3580 (5)			REMARKS
1	TTB67-4-5	0759	SOIL								X	X	X						Rushes due 7/1/98
2	TTB67-4-5.0	0803									X	X	X						
3	TTB67-4-5.0	0803									X	X	X						
4	TTB67-4-10.0	0806									X	X	X						5-Day RUSH
5	TTB67-4-15.0										X	X	X						ARCHIVE (HOLD)
6	TTB69-4-5	0629									X	X	X						
7	TTB69-4-3.0	0851									X	X	X						
8	TTB69-4-5.0	0831									X	X	X						

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
Fed Ex		6/24/98	1

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/24/98	1600	FED EX	6/24/98	
				Hung Lam / Pace	6/25/98	AM

SAMPLE CONDITION

Temp: 7.0 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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980625-01

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date: 7/10/98
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/24/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	CAM 17	4020	8260	8270	8080	REMARKS
1	TTB69-1-10.0	0839	SOIL		1						X	X		X			RUSH
2	TTB69-1-15.0	0842	SOIL		1						X	X		X			ARCHIVES
3	TTB69-1-W	0902	H2O		13						X	X	X	X	X	X	
4	TTB69-3-5	0945	SOIL		1						X	X	X		X		
5	TTB69-3-3.0	0948	↓		1						X	X	X		X		
6	TTB69-3-5.0	0948			1						X	X	X		X		
7	TTB69-3-10.0	0951			1						X	X	X		X		RUSH
8	TTB69-3-15.0	0956	↓		1						X	X	X		X		ARCHIVES

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/24/98	1600	FED EX	6/24/98	

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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423812

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 8GOOLTBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date: 7/10/98
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/24/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	CAM 17	8020	8260	8270	8080	REMARKS
1	TTB67-1-5.5	1009	SOIL		1						X	X	X		X		
2	TTB67-1-8.0	1024			1						X	X	X		X		
3	TTB67-1-5.0	1024			1						X	X	X		X		
4	TTB67-1-10.0	1026			1						X	X	X		X		RUSH
5	TTB67-1-15.0	1028			1						X	X	X		X		ARCHIVES
6	DTB56-2-5	1137									X	X	X		X		
7	DTB56-2-3.0	1138									X	X	X		X		
8	DTB59-2-5	1141									X	X	X		X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/24/98	1600	FED EX	6/24/98	

SAMPLE CONDITION

Temp: ___ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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980625-01

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396393

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1326 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001TBT		Pace Project No.
	Project Name / No.: CALTRANS TBT		*Requested Due Date: 7/10/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature / Date Sampled: CHRIS MERRITT 6/24/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	CAM 17	8020	8260	8270	8080	REMARKS
1	DTB54-2-3.0	1132									X	X	X		X	X	
2	DTB57-2-5	1127									X	X	X		X		
3	DTB57-2-3.0	1125									X	X	X		X		
4	DTB58-2-5	1107									X	X		X			
5	DTB58-2-3.0	1104									X	X		X			
6	DTB57-1-5	1116									X	X		X		X	
7	DTB57-1-3.0	1116									X	X		X		X	
8	DTB58-1-5	1100									X	X	X		X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/24/98	1600	FED EX	6/24/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

13488A
980625-01

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423317

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME
	P.O. # / Billing Reference: 8C001 TBT
Phone: 510 785-1111	Project Name / No.: CALTRANS TBT

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week ☐ 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 7/10/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 6/24/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	(DHM 17)	8020	8260	8270	8080	REMARKS
1	DTB53-1-3.0	1101	SOIL		1						X	X	X		X		
2																	
3																	
4																	
5																	
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/24/98	1600	FED EX	6/24/98	

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name:	PROFESSIONAL SERVICES INDUSTRIES, INC. 1320 W. WINTON AVENUE HAYWARD, CA 94545
Report To:	FRANK POSS
Project Name:	TRANSBAY TERMINAL
Site Location:	
Date:	7/31/98

PACE ANALYTICAL Project #: 980530-02
PACE ANALYTICAL WO #: 13812A
Client ID #: 575-6G001

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/27/98 and received on 06/30/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Soil)	2-18
BTEX (Soil)	19-25
TPH-Speciation (Soil)	26-29
List of Abbreviations and Definitions	30

In addition the analysis for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by,
Richard Villafana, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project# 980630-02
PACE ANALYTICAL WO# 13512A
Client ID# 575-8G001

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB66-2-1	TTB66-2-3	TTB66-2-5	TTB66-3-1	TTB66-3-3	TTB66-3-5		EPA
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	PRL mg/kg	Method
Date Analyzed:	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	19	5.3	5.4	21	5.8	5.3	5.0	6010
Barium (Ba)	240	60	40	190	35	26	10	6010
Beryllium (Be)	0.6	<0.5	<0.5	0.6	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.7	0.7	<0.5	<0.5	0.6	<0.5	0.5	6010
Chromium (Cr)	23	24	18	21	23	26	0.5	6010
Cobalt (Co)	21	3.8	3.5	18	3.5	3.6	1.0	6010
Copper (Cu)	35	120	180	30	47	19	2.5	6010
Lead (Pb)	28	400	370	13	140	87	1.0	6010
Mercury (Hg)*	0.21	0.42	0.45	0.11	0.27	0.39	0.05	7471
Molybdenum (Mo)	<2.5	8.8	13	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	43	20	19	43	17	18	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	5.7	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	23	17	14	23	16	17	0.5	6010
Zinc (Zn)	79	260	240	73	170	70	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/08/98

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3970 Gilman St.
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Pace Analytical

PACE ANALYTICAL Project#:980630-02
PACE ANALYTICAL WO#:10512A
Client ID#:575-8G001

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TTB66-3-10	TNF38-1-1	TNF38-1-3	TNF38-1-5	TNF37-1-1	TNF37-1-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.3	7.0	<5.0	<5.0	12	7.7	5.0	6010
Barium (Ba)	39	47	<10	10	140	140	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	24	26	31	27	32	47	0.5	6010
Cobalt (Co)	3.6	4.9	3.5	3.2	5.6	5.4	1.0	6010
Copper (Cu)	38	53	3.2	3.0	30	31	2.5	6010
Lead (Pb)	120	130	1.1	15	32	40	1.0	6010
Mercury (Hg)*	0.23	1.1	<0.05	<0.05	0.10	0.12	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	4.4	9.4	2.5	6010
Nickel (Ni)	17	21	14	14	24	26	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	15	18	20	16	33	31	0.5	6010
Zinc (Zn)	130	88	20	20	70	69	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/08/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980630-02
PACE ANALYTICAL WO#:13512A
Client ID#:575-BG001

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	TNF37-1-5	TNF36-1-1	TNF36-1-3	TNF36-1-5	DTB39-1-1	DTB39-1-3		EPA
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	PRL mg/kg	Method
Date Analyzed:	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	8.7	9.0	<5.0	<5.0	13	11	5.0	6010
Barium (Ba)	190	61	12	12	210	230	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.6	0.7	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	0.5	0.8	0.5	6010
Chromium (Cr)	25	27	33	33	17	12	0.5	6010
Cobalt (Co)	5.2	5.3	3.5	4.7	15	23	1.0	6010
Copper (Cu)	28	21	3.8	<2.5	33	28	2.5	6010
Lead (Pb)	20	316	2.3	2.9	21	14	1.0	6010
Mercury (Hg)*	0.11	3.8	<0.05	<0.05	0.07	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	25	24	16	17	48	53	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	6.3	6.4	5.0	6010
Vanadium (V)	36	28	23	19	24	23	0.5	6010
Zinc (Zn)	49	100	19	26	77	78	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/06/98

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Pace Analytical

PACE ANALYTICAL Project#:980830-02
PACE ANALYTICAL WO#:[illegible]512A
Client ID#:575-8G001

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB39-2-1	DTB39-2-3	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/24/98	07/24/98	07/24/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	14	17	<5.0	5.0	6010
Barium (Ba)	240	170	<10	10	6010
Beryllium (Be)	0.6	0.6	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.6	<0.5	0.5	6010
Chromium (Cr)	19	22	<0.5	0.5	6010
Cobalt (Co)	13	13	<1.0	1.0	6010
Copper (Cu)	27	31	<2.5	2.5	6010
Lead (Pb)	34	51	<1.0	1.0	6010
Mercury (Hg)*	0.05	0.39	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	39	44	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	5.4	7.0	<5.0	5.0	6010
Vanadium (V)	21	23	<0.5	0.5	6010
Zinc (Zn)	76	88	<10	10	6010
DF	1	1	1		

*Mercury analyzed on 07/08/98.

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Pace Analytical

PACE ANALYTICAL Project# 980630-02
PACE ANALYTICAL WO#:13512A
Client ID#:575-8C001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	EPA3010
Matrix.	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		07/24/98		07/24/98	07/24/98			
Antimony (Sb)	6010	88	70-130	69	72	60-130	5.0	0-25
Arsenic (As)	6010	87	78-104	87	89	34-135	2.0	0-15
Barium (Ba)	6010	95	81-117	93	93	55-130	0.0	0-25
Beryllium (Be)	6010	89	70-130	91	91	70-130	1.0	0-25
Cadmium (Cd)	6010	86	75-104	86	87	73-115	0.9	0-15
Chromium (Cr)	6010	91	81-103	87	87	62-125	0.0	0-15
Cobalt (Co)	6010	89	70-130	85	86	70-130	1.0	0-25
Copper (Cu)	6010	91	70-130	82	85	70-140	4.0	0-25
Lead (Pb)	6010	88	76-104	75	74	48-120	1.0	0-30
Mercury (Hg)*	7471	96	76-121	109	104	70-135	4.0	0-30
Molybdenum (Mo)	6010	91	70-130	85	88	70-130	3.0	0-25
Nickel (Ni)	6010	89	70-130	86	87	70-130	1.0	0-25
Selenium (Se)	6010	88	79-102	85	84	42-120	1.0	0-16
Silver (Ag)	6010	87	77-107	84	88	53-115	4.0	0-19
Thallium (Tl)	6010	90	70-130	85	88	70-130	3.0	0-25
Vanadium (V)	6010	92	70-130	92	92	70-130	0.0	0-25
Zinc (Zn)	6010	93	70-130	77	75	70-130	3.0	0-25

*Mercury analyzed on 07/08/98.

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Fax: 562-597-0786

Pace Analytical

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB40-1-1	DTB40-1-3	DTB41-1-1	DTB41-1-3	DTB41-2-1	DTB41-2-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	14	17	14	12	14	14	5.0	6010
Barium (Ba)	250	240	290	160	370	270	10	6010
Beryllium (Be)	0.8	0.7	0.7	<0.5	0.7	0.6	0.5	6010
Cadmium (Cd)	0.6	0.8	0.6	<0.5	1.1	0.5	0.5	6010
Chromium (Cr)	17	17	16	14	12	17	0.5	6010
Cobalt (Co)	23	19	36	8.6	22	15	1.0	6010
Copper (Cu)	30	40	32	19	39	34	2.5	6010
Lead (Pb)	23	18	27	13	17	18	1.0	6010
Mercury (Hg)*	0.10	0.18	0.07	0.07	0.07	0.09	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	51	57	55	29	91	48	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	8.4	10	9.3	<5.0	12	7.0	5.0	6010
Vanadium (V)	22	26	26	15	24	24	0.5	6010
Zinc (Zn)	94	100	99	55	100	92	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/08/98.

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Fax: 562-597-0786

Pace Analytical

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB42-1-1	DTB42-1-3	DTB42-2-1	DTB42-2-3	DTB43-1-1	DTB43-1-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	16	12	12	18	9.2	20	5.0	6010
Barium (Ba)	180	260	160	230	79	210	10	6010
Beryllium (Be)	<0.5	0.6	<0.5	0.6	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.7	0.6	1.3	1.2	0.7	3.9	0.5	6010
Chromium (Cr)	27	19	29	23	20	35	0.5	6010
Cobalt (Co)	13	21	12	25	4.6	7.1	1.0	6010
Copper (Cu)	55	37	84	86	81	610	2.5	6010
Lead (Pb)	150	47	83	220	66	670	1.0	6010
Mercury (Hg)*	0.16	0.06	0.11	0.28	0.13	8.3	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	37	75	31	70	19	30	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	6.3	7.6	5.1	12	5.1	<5.0	5.0	6010
Vanadium (V)	25	25	30	26	21	27	0.5	6010
Zinc (Zn)	140	94	110	160	170	1,600	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/08/98

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3970 Gilman St.
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Pace Analytical

PACE ANALYTICAL Project#:980630 02
PACE ANALYTICAL WO#:13512A
Client ID#:575-9G001

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB43-2-1	DTB43-2-3	DTB44-1-1	DTB44-1-3	DTB44-2-1	DTB44-2-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	19	19	12	12	18	8.2	5.0	6010
Barium (Ba)	140	220	180	70	210	61	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	0.5	6010
Cadmium (Cd)	1.8	2.3	0.6	<0.5	0.6	1.1	0.5	6010
Chromium (Cr)	31	28	22	38	36	14	0.5	6010
Cobalt (Co)	9.8	7.9	9.0	7.9	15	5.0	1.0	6010
Copper (Cu)	420	250	140	20	66	68	2.5	6010
Lead (Pb)	600	790	130	130	57	1,900	1.0	6010
Mercury (Hg)*	3.2	2.0	0.50	0.43	0.33	1.8	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	34	32	29	33	56	26	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	7.6	<5.0	5.6	<5.0	8.9	<5.0	5.0	6010
Vanadium (V)	31	29	22	32	25	21	0.5	6010
Zinc (Zn)	590	610	150	42	110	210	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/09/98

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980630 02
PACE ANALYTICAL WO#:13512A
Client ID#:575 0G001

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB45-1-1	DTB45-1-3	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/24/98	07/24/98	07/24/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	12	22	<5.0	5.0	6010
Barium (Ba)	86	370	<10	10	6010
Beryllium (Be)	0.7	0.7	<0.5	0.5	6010
Cadmium (Cd)	<0.5	0.7	<0.5	0.5	6010
Chromium (Cr)	18	16	<0.5	0.5	6010
Cobalt (Co)	11	9.0	<1.0	1.0	6010
Copper (Cu)	64	710	<2.5	2.5	6010
Lead (Pb)	19	150	<1.0	1.0	6010
Mercury (Hg)*	0.81	1.9	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	20	60	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	7.1	<5.0	5.0	6010
Vanadium (V)	30	45	<0.5	0.5	6010
Zinc (Zn)	35	250	<10	10	6010
DF	1	1	1		

*Mercury analyzed on 07/08/98

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Pace Analytical

PACE ANALYTICAL Project#:980630-02
PACE ANALYTICAL WO#:13512A
Client ID#:575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: SC
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		07/24/98		07/24/98	07/24/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	87	70-130	24**	28**	60-130	15	0-25
Arsenic (As)	6010	86	78-104	82	78	34-135	5.0	0-15
Barium (Ba)	6010	99	81-117	90	81	55-130	11	0-25
Beryllium (Be)	6010	89	70-130	90	95	70-130	5.0	0-25
Cadmium (Cd)	6010	87	75-104	83	85	73-115	2.0	0-15
Chromium (Cr)	6010	92	81-103	100	73	62-125	31	0-15
Cobalt (Co)	6010	89	70-130	79	81	70-130	2.0	0-25
Copper (Cu)	6010	95	70-130	95***	95***	70-140	0.0	0-25
Lead (Pb)	6010	98	76-104	77	82	48-120	6.0	0-30
Mercury (Hg)*	7471	106	76-121	109	230**	70-135	2.0	0-30
Molybdenum (Mo)	6010	91	70-130	66	66	70-130	1.0	0-25
Nickel (Ni)	6010	90	70-130	85	78	70-130	9.0	0-25
Selenium (Se)	6010	89	79-102	77	76	42-120	1.0	0-15
Silver (Ag)	6010	83	77-107	86	83	53-115	4.0	0-19
Thallium (Tl)	6010	88	70-130	82	78	70-130	5.0	0-25
Vanadium (V)	6010	93	70-130	83	73	70-130	13	0-25
Zinc (Zn)	6010	98	70-130	76	78	70-130	3.0	0-25

*Mercury analyzed on 07/08/98.
**Sample matrix effect
***MS/MSD outside control limits; LCS/LCSD used as control

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PACE ANALYTICAL Project#:980630 02
PACE ANALYTICAL WO#:13512A
Client ID#:575-8G001

Analyst: SC
Preparation Analyst: SC
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB45-2-1	DTB45-2-3	DTB56-1-1	DTB56-1-3	DTB55-1-1	DTB55-1-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	9.0	9.1	21	10	9.7	13	5.0	6010
Barium (Ba)	90	91	100	75	940	160	10	6010
Beryllium (Be)	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.7	<0.5	0.6	<0.5	0.6	0.6	0.5	6010
Chromium (Cr)	24	21	25	48	9.3	18	0.5	6010
Cobalt (Co)	5.2	5.1	12	9.2	25	14	1.0	6010
Copper (Cu)	73	69	33	9.8	46	37	2.5	6010
Lead (Pb)	380	130	82	4.8	9.9	17	1.0	6010
Mercury (Hg)*	0.41	0.57	0.13	0.71	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	24	22	42	34	50	53	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	7.1	<5.0	11	6.9	5.0	6010
Vanadium (V)	21	19	24	39	23	24	0.5	6010
Zinc (Zn)	150	140	94	24	72	73	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/06/98.

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Pace Analytical

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB56-2-1	DTB55-2-3	DTB54-2-1	DTB54-2-3	DTB53-2-1	DTB53-2-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	20	7.0	17	9.6	17	5.9	5.0	6010
Barium (Ba)	160	110	75	78	280	30	10	6010
Beryllium (Be)	0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.5	6010
Cadmium (Cd)	0.5	4.3	<0.5	0.9	0.9	0.6	0.5	6010
Chromium (Cr)	25	25	22	33	29	27	0.5	6010
Cobalt (Co)	15	4.9	10	9.0	16	4.1	1.0	6010
Copper (Cu)	36	160	31	80	41	18	2.5	6010
Lead (Pb)	23	1,200	15	94	14	50	1.0	6010
Mercury (Hg)*	0.08	0.19	0.07	0.13	0.10	0.21	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	45	21	35	24	77	19	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	6.9	<5.0	5.5	<5.0	6.8	<5.0	5.0	6010
Vanadium (V)	23	18	22	28	25	18	0.5	6010
Zinc (Zn)	85	660	73	340	86	56	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/08/98

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PACE ANALYTICAL Project#:980630-02
PACE ANALYTICAL WO#:13512A
Client ID#:575 BG001

Analyst: SC
Preparation Analyst: SC
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB53-1-1	DTB53-1-3	DTB59-1-1	DTB59-1-3	DTB49-2-1	DTB49-2-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	12	11	27	5.1	7.8	12	5.0	6010
Barium (Ba)	210	170	120	24	79	60	10	6010
Beryllium (Be)	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	7.8	0.9	1.4	0.7	1.0	0.9	0.5	6010
Chromium (Cr)	32	31	18	16	27	36	0.5	6010
Cobalt (Co)	7.6	10	15	4.8	6.2	10	1.0	6010
Copper (Cu)	220	25	27	6.2	30	12	2.5	6010
Lead (Pb)	4,400	61	27	18	190	7.4	1.0	6010
Mercury (Hg)*	0.39	<0.05	5.4	3.9	<0.05	0.06	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	30	33	43	17	20	26	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	24	26	29	13	22	34	0.5	6010
Zinc (Zn)	2,800	79	78	34	140	32	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/08/98

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

PACE ANALYTICAL Project#:980630-02
PACE ANALYTICAL WO#:13512A
Client ID#:575-BG001

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB48-2-1	DTB48-2-3	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/24/98	07/24/98	07/24/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	6.0	6.7	<5.0	5.0	6010
Barium (Ba)	65	68	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	1.0	<0.5	<0.5	0.5	6010
Chromium (Cr)	22	28	<0.5	0.5	6010
Cobalt (Co)	5.8	4.8	<1.0	1.0	6010
Copper (Cu)	24	22	<2.5	2.5	6010
Lead (Pb)	490	130	<1.0	1.0	6010
Mercury (Hg)*	0.87	0.91	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	20	19	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	18	19	<0.5	0.5	6010
Zinc (Zn)	130	89	<10	10	6010
DF	1	1	1		

*Mercury analyzed on 07/08/98

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: SC
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		07/24/98		07/24/98	07/24/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	85	70-130	55**	62	60-130	13	0-25
Arsenic (As)	6010	86	78-104	93	98	34-136	5.0	0-15
Barium (Ba)	6010	80	81-117	70	93	66-130	28**	0-25
Beryllium (Be)	6010	82	70-130	88	96	70-130	9.0	0-25
Cadmium (Cd)	6010	94	75-104	85	88	73-115	4.0	0-15
Chromium (Cr)	6010	84	81-103	89	95	62-125	6.0	0-15
Cobalt (Co)	6010	81	70-130	86	94	70-130	9.0	0-25
Copper (Cu)	6010	100	70-130	100***	88***	70-140	13***	0-25
Lead (Pb)	6010	84	78-104	84***	84***	48-120	0***	0-30
Mercury (Hg)*	7471	97	76-121	110	112	70-135	1.0	0-30
Molybdenum (Mo)	6010	80	70-130	77	90	70-130	15	0-25
Nickel (Ni)	6010	82	70-130	93	101	70-130	8.0	0-25
Selenium (Se)	6010	87	79-102	82	88	42-120	7.0	0-15
Silver (Ag)	6010	42	77-107	86	92	53-115	7.0	0-19
Thallium (Tl)	6010	94	70-130	85	93	70-130	8.0	0-25
Vanadium (V)	6010	82	70-130	89	97	70-130	9.0	0-25
Zinc (Zn)	6010	102	70-130	102***	87***	70-130	16***	0-25

*Mercury analyzed on 07/08/98.
**Sample matrix effect
***MS/MSD outside control limits; LCS/LCSD used as control

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PACE ANALYTICAL Project#.980930-02
PACE ANALYTICAL WO#.13512A
Client ID#:575-8G001

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB46-2-1	DTB46-2-3	DTB47-1-1	DTB47-1-3	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98		
Analyte							
Antimony (Sb)	<5.0	<5.0	<5.0	6.2	<5.0	5.0	6010
Arsenic (As)	8.9	7.9	18	21	<5.0	5.0	6010
Barium (Ba)	92	279	100	350	<10	10	6010
Beryllium (Be)	<0.5	3.0	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	<0.5	1.0	2.4	<0.5	0.5	6010
Chromium (Cr)	20	17	25	19	<0.5	0.5	6010
Cobalt (Co)	6.3	5.4	7.5	5.8	<1.0	1.0	6010
Copper (Cu)	110	51	120	1,600	<2.5	2.5	6010
Lead (Pb)	240	190	200	1,200	<1.0	1.0	6010
Mercury (Hg)*	0.45	0.39	0.19	1.4	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	32	19	29	24	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.8	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	7.4	<5.0	5.0	6010
Vanadium (V)	16	25	25	18	<0.5	0.5	6010
Zinc (Zn)	140	100	220	1,600	<10	10	6010
DF	1	1	1	1	1		

*Mercury analyzed on 07/08/98.

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		07/24/98		07/24/98	07/24/98			
Antimony (Sb)	6010	85	70-130	64	64**	60-130	18	0-25
Arsenic (As)	6010	86	78-104	95	101	34-135	6.0	0-15
Barium (Ba)	6010	93	81-117	93***	91***	56-130	2***	0-25
Beryllium (Be)	6010	85	70-130	92	91	70-130	2.0	0-25
Cadmium (Cd)	6010	89	75-104	97	95	73-115	2.0	0-15
Chromium (Cr)	6010	88	81-103	92	88	62-125	7.0	0-15
Cobalt (Co)	6010	87	70-130	86	88	70-130	2.0	0-25
Copper (Cu)	6010	109	70-130	109***	102***	70-140	6***	0-25
Lead (Pb)	6010	89	76-104	89***	87***	48-120	3***	0-30
Mercury (Hg)*	7471	113	76-121	120	135	70-135	12	0-30
Molybdenum (Mo)	6010	88	70-130	87	85	70-130	3.0	0-25
Nickel (Ni)	6010	86	70-130	91	93	70-130	2.0	0-25
Selenium (Se)	6010	87	79-102	76	75	42-120	1.0	0-16
Silver (Ag)	6010	87	77-107	96	91	53-115	5.0	0-19
Thallium (Tl)	6010	88	70-130	99	105	70-130	6.0	0-25
Vanadium (V)	6010	88	70-130	82	91	70-130	10	0-25
Zinc (Zn)	6010	101	70-130	101***	95***	70-130	6***	0-25

*Mercury analzyed on 07/08/98.
**Sample matrix effect
***MS/MSD outside control limits; LCS/LCSD used as control

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Pace Analytical

PACE ANALYTICAL Project#:980630-02
PACE ANALYTICAL WO# 13512A
Client ID#:575-8G001

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	DTB45-1-1	DTB45-1-3	DTB56-1-1	DTB56-1-3	DTB55-2-1	DTB55-2-3	DTB53-2-1	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/30/98	06/30/98	06/30/98	06/30/98	06/30/98	06/30/98	06/30/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:	
a,a,a-Trifluorotoluene	92	88	92	91	87	88	92	59-134

Client ID:	DTB53-2-3	DTB59-1-1	DTB59-1-3	DTB48-2-1	DTB48-2-3	DTB47-1-1	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	06/30/98	06/30/98	06/30/98	06/30/98	06/30/98	06/30/98	06/30/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:	
a,a,a-Trifluorotoluene	88	89	86	86	86	84	86	59-134

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
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Pace Analytical

PACE ANALYTICAL Project# 980630-02
PACE ANALYTICAL WO#: 13512A
Client ID# 575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/30/98		06/30/98	06/30/98			
Analyte							
Benzene	93	74-116	90	87	72-115	3.4	0-26
Toluene	93	73-116	92	89	70-114	3.3	0-22
Ethylbenzene	94	75-119	93	90	68-119	3.3	0-24
Total Xylenes	94	78-120	93	90	74-117	3.3	0-22

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Pace Analytical

PACE ANALYTICAL Project# 980630-02
PACE ANALYTICAL WO # 13512A
Client ID#: 575-80(01

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	TTB66-3-1	TTB66-3-3	TTB66-3-5	TTBB6-3-10	TNF38-1-1	TNF38-1-3	TNF38-1-5	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/30/98	06/30/98	06/30/98	06/30/98	06/30/98	06/30/98	06/30/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:	
a,a,a-Trifluorotoluene	95	96	96	98	96	97	94	59-134

Client ID:	TNF36-1-1	TNF36-1-3	TNF36-1-5	DTB39-2-3	DTB41-1-1	DTB41-1-3	DTB42-1-1	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	06/30/98	06/30/98	06/30/98	06/30/98	06/30/98	06/30/98	06/30/98	
Analyte								
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:	
a,a,a-Trifluorotoluene	93	97	89	94	92	94	91	59-134

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Pace Analytical

PACE ANALYTICAL Project#:960630-02
PACE ANALYTICAL WO# 13512A
Client ID#:575-8G001

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	DTB42-1-3	DTB43-1-1	DTB43-1-3	DTB44-1-3	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	06/30/98	06/30/98	06/30/98	06/30/98	06/30/98	
Analyte						
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	
Surrogate Recovery %:						**Acceptable Range:**
a,a,a-Trifluorotoluene	94	94	90	86	92	60-134

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/30/98		06/30/98	06/30/98			
Analyte							
Benzene	91	74-116	94	86	72-115	8.9	0-26
Toluene	95	73-116	97	89	70-114	8.6	0-22
Ethylbenzene	98	75-118	99	91	68-119	8.4	0-24
Total Xylenes	98	78-120	99	91	74-117	8.4	0-22

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Pace Analytical

PACE ANALYTICAL Project#:980630-02
PACE ANALYTICAL WO#:13512A
Client ID#:575-8G001

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	DTB44-1-1	DTB47-1-3	DTB39-2-1	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	07/01/98	07/01/98	07/01/98	07/01/98	
Analyte					
Benzene	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	15
DF	1	1	1	1	
Surrogate Recovery %:					Acceptable Range:
a,a,a-Trifluorotoluene	93	97	94	96	59-134

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	CCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/01/98		07/01/98	07/01/98			
Analyte							
Benzene	95	74-116	91	91	72-115	0.0	0-26
Toluene	96	73-116	93	92	70-114	1.1	0-22
Ethylbenzene	97	75-118	94	94	68-119	0.0	0-24
Total Xylenes	97	78-120	95	95	74-117	0.0	0-22

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PACE ANALYTICAL Project#.980630-02
PACE ANALYTICAL WO#.13512A
Client ID# 575-0G001

Analyst: AN/WK
Preparation Analyst: AN/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	07/06/98	<10	---	10	1
TNF38-1-5	07/06/98	<10	---	10	1
TNF36-1-5	07/06/98	<10	---	10	1
TTB66-2-5	07/06/98	<10	---	10	1
TTB66-3-10	07/06/98	<10	---	10	1
TNF37-1-5	07/06/98	240	C14-C40 Oil	10	1
DTB39-1-1	07/13/98	<10	---	10	1
DTB39-1-3	07/13/98	<10	---	10	1
DTB40-1-1	07/13/98	<10	---	10	1
DTB41-1-3	07/13/98	<10	---	10	1
DTB39-2-1	07/13/98	<10	---	10	1
DTB39-2-3	07/13/98	<10	---	10	1
TNF36-1-3	07/13/98	<10	---	10	1
TTB66-3-3	07/13/98	<10	---	10	1
TTB66-3-5	07/13/98	<10	---	10	1
TNF36-1-1	07/13/98	<10	---	10	1
TNF38-1-3	07/13/98	<10	---	10	1
DTB49-2-3	07/13/98	<10	---	10	1
DTB56-1-1	07/13/98	<10	---	10	1
DTB53-1-3	07/13/98	<10	---	10	1
DTB54-2-1	07/13/98	<10	---	10	1
DTB54-2-3	07/13/98	<10	---	10	1
DTB55-1-3	07/13/98	<10	---	10	1
DTB55-2-3	07/13/98	<10	---	10	1
DTB[illegible]5-2-3	07/13/98	<10		10	1
DTB53-2-3	07/13/98	<10	---	10	1

REPORT OF LABORATORY ANALYSIS

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Analyst: AN/WK
Preparation Analyst: AN/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	07/14/98	<10	---	10	1
DTB44-1-3	07/14/98	<10	---	10	1
DTB56-1-3	07/14/98	<10	---	10	1
DTB40-1-3	07/14/98	<10	---	10	1
DTB41-1-1	07/14/98	<10	---	10	1
DTB41-2-3	07/14/98	50	C20-C36 Oil	10	1
DTB59-1-3	07/14/98	<10	---	10	1
DTB53-1-1	07/14/98	<10	---	10	1
DTB53-2-1	07/14/98	<10	---	10	1
DTB55-2-1	07/14/98	40	C20-C36 Oil	10	1
DTB41-2-1	07/14/98	80	C20-C40 Oil	10	1
TTB66-2-1	07/14/98	50	C16-C40 Oil	10	1
TTB66-3-1	07/14/98	<10	---	10	1
TNF38-1-1	07/14/98	20	C20-C40 Oil	10	1
DTB48-2-3	07/14/98	<10	---	10	1
DTB43-2-1	07/14/98	50	C16 C40 Oil	10	1
DTB45-2-1	07/14/98	80	C16-C40 Oil	10	1
DTB42-2-1	07/14/98	140	C16-C40 Oil	10	1
DTB44-2-1	07/14/98	110	C14-C40 Oil	10	1
DTB47-1-3	07/14/98	130	C14-C40 Oil	10	1
DTB42-1-3	07/15/98	<10	---	10	1
DTB44-1-1	07/15/98	50	C20 C40 Oil	10	1
DTB49-2-1	07/15/98	90	C14-C40 Oil	10	1
DTB45-1-3	07/15/98	190	C20-C40 Oil	10	1
DTB45-2-3	07/15/98	110	C14-C40 Oil	10	1
DTB43-1-3	07/15/98	60	C20-C40 Oil	10	1
DTB46-2-1	07/15/98	70	C16 C40 Oil	10	1
DTB46-2-3	07/15/98	750	C14-C40 Oil	10	1
DTB47-1-1	07/15/98	400	C16-C40 Oil	10	1
DTB56-1-1	07/15/98	480	C16-C40 Oil	10	1
TNF37-1-1	07/15/98	550	C16-C40 Oil	10	1
TNF37-1-3	07/15/98	220	C16-C40 Oil	10	1
DTB42-1-1	07/15/98	640	C16-C40 Oil	10	1
DTB42-2-3	07/15/98	40	C16-C40 Oil	10	1
DTB43-1-1	07/15/98	330	C16-C40 Oil	10	1
DTB43-2-3	07/15/98	250	C14-C40 Oil	10	1
DTB44-2-3	07/15/98	1,900	C12-C40 Oil	10	1
DTB45-1-1	07/15/98	1,500	C14-C40 Oil	10	1
DTB48-2-1	07/15/98	490	C14-C40 Oil	10	1
DTB59-1-1	07/15/98	110	C20-C40 Oil	10	1

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: AN/WK
Preparation Analyst: AN/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/14/98		07/14/98	07/14/98			
TPH-Speciation	97	80-120	91	94	70-130	3.2	0-30

	CCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/14/98		07/14/98	07/14/98			
TPH-Speciation	81	80-120	97	84	70-130	14	0-30

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV		Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

July 09, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 108302
Client Project ID: 980630-02

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received on July 1, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout
Project Manager

Enclosures

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Fax: 612-617-6444

DATE: 07/09/98
PAGE: 1

e Analytical Long Beach SC
0 Gilman Street
g Beach, CA 90815

Pace Project Number: 108302
Client Project ID: 980630-02

n: Mr. Richard Villafania
hone: (562)498-9515

id results are reported on a wet weight basis

e Sample No:	10714780	Date Collected:	06/27/98	Matrix:	Soil
ent Sample ID:	TTB66 2 5	Date Received:	07/01/98		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
CB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/06/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/06/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/06/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/06/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/06/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/06/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/06/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	103	%		07/06/98	SJW	877-09-8	
Decachlorobiphenyl (S)	82	%		07/06/98	SJW	2051-24-3	
Date Extracted				07/02/98			

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Pace Analytical

Pace Project Number: 108302
Client Project ID: 980630-02

e Sample No: 10714798 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: TT866 3 10 Date Received: 07/01/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
emivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/07/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/07/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/07/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/07/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/07/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/07/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/07/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/07/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/07/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/07/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/07/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/07/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/07/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/07/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/07/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/07/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/07/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/07/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/07/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/07/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/07/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/07/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/07/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/07/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/07/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/07/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/07/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/07/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108302
Client Project ID: 980630-02

le Sample No: 10714798 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: TT066 3 10 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/07/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/07/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/07/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/07/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/07/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/07/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/07/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/07/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/07/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/07/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/07/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/07/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/07/98	SAC	129-00-0	
Butylbenzylphthalate	77	ug/kg	330	07/07/98	SAC	85-68-7	1
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/07/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/07/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/07/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/07/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/07/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/07/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/07/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/07/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/07/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/07/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/07/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	83	%		07/07/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	92	%		07/07/98	SAC	321-60-8	
Terphenyl-d14 (S)	125	%		07/07/98	SAC	1718-51-0	
Phenol-d6 (S)	68	%		07/07/98	SAC	13127-88-3	
2-Fluorophenol (S)	66	%		07/07/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	89	%		07/07/98	SAC	118-79-6	
Date Extracted				07/02/98			

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Pace Analytical

Pace Project Number: 108302
Client Project ID: 980630-02

e Sample No: 10714806 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: TNF38 1 5 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
/MS -- Semi-VOA							
emivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	790	ug/kg	330	07/07/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/07/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/07/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/07/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/07/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/07/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/07/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/07/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/07/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/07/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/07/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/07/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/07/98	SAC	105-67-9	
Benzoic Acid	100	ug/kg	1600	07/07/98	SAC	65-85-0	1
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/07/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/07/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/07/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/07/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/07/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/07/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/07/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/07/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/07/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/07/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/07/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/07/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/07/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/07/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108302
Client Project ID: 980630-02

e Sample No: 10714806 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: TNF38 1 5 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/07/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/07/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/07/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/07/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/07/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/07/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/07/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/07/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/07/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/07/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/07/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/07/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/07/98	SAC	129-00-0	
Butylbenzylphthalate	98	ug/kg	330	07/07/98	SAC	85-68-7	1
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/07/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/07/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/07/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/07/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/07/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/07/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/07/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/07/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/07/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/07/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/07/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	86	%		07/07/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	94	%		07/07/98	SAC	321-60-8	
Terphenyl-d14 (S)	123	%		07/07/98	SAC	1718-51-0	
Phenol-d6 (S)	72	%		07/07/98	SAC	13127-88-3	
2-Fluorophenol (S)	55	%		07/07/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	52	%		07/07/98	SAC	118-79-6	
Date Extracted				07/02/98			

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Pace Analytical

Pace Project Number: 108302
Client Project ID: 980630-02

e Sample No: 10714814 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: INF36 1 5 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
MS -- Semi-VOA							
emivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/07/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/07/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/07/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/07/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/07/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/07/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/07/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/07/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/07/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/07/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/07/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/07/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/07/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/07/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/07/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/07/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/07/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/07/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/07/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/07/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/07/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/07/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/07/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/07/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/07/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/07/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/07/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/07/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/07/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/07/98	SAC	51-28-5	

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Pace Project Number: 108302
Client Project ID: 980630-02

Pace Sample No: 10714814 Date Collected: 06/27/98 Matrix: Soil
Client Sample ID: TNF36 1 5 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/07/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/07/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/07/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/07/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/07/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/07/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/07/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/07/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/07/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/07/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/07/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/07/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/07/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/07/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/07/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/07/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/07/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/07/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/07/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/07/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/07/98	SAC	117-81 7	
Di-n-octylphthalate	ND	ug/kg	330	07/07/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/07/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/07/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/07/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/07/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/07/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/07/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	86	%		07/07/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	93	%		07/07/98	SAC	321-60-8	
Terphenyl-d14 (S)	130	%		07/07/98	SAC	1718-51-0	
Phenol-d6 (S)	68	%		07/07/98	SAC	13127-88-3	
2-Fluorophenol (S)	64	%		07/07/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	80	%		07/07/98	SAC	118-79-6	
Date Extracted				07/02/98			

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Pace Project Number: 108302
Client Project ID: 980630-02

AMETER FOOTNOTES

Not Detected
Not Calculable
Pace Reporting Limit
Surrogate
Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

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QUALITY CONTROL DATA

Analytical Long Beach SC
Gilman Street
Beach, CA 90815

Pace Project Number: 108302
Client Project ID: 980630-02

Mr. Richard Villafania
e: (562)498-9515

atch ID: 14014 QC Batch Method: EPA 3550
Analysis Method: EPA 8270 Analysis Description: Semivolatile Organics
ociated Pace Samples: 10714798 10714806 10714814

METHOD BLANK: 10714384
ociated Pace Samples:

	10714798	10714806	10714814	
meter	Units	Method Blank Result	PRL	Footnotes
nol	ug/kg	ND	330	
(2-Chloroethyl)ether	ug/kg	ND	330	
lorophenol	ug/kg	ND	330	
Dichlorobenzene	ug/kg	ND	330	
1,4-Dichlorobenzene	ug/kg	ND	330	
zyl Alcohol	ug/kg	ND	660	
-Dichlorobenzene	ug/kg	ND	330	
ethylphenol	ug/kg	ND	330	
bis(2-Chloroisopropyl)ether	ug/kg	ND	330	
ethylphenol	ug/kg	ND	330	
itroso-di-n-propylamine	ug/kg	ND	330	
achloroethane	ug/kg	ND	330	
Nitrobenzene	ug/kg	ND	330	
phorone	ug/kg	ND	330	
itrophenol	ug/kg	ND	330	
-Dimethylphenol	ug/kg	ND	330	
Benzoic Acid	ug/kg	ND	1600	
s(2-Chloroethoxy)methane	ug/kg	ND	330	
-Dichlorophenol	ug/kg	ND	330	
2,4-Trichlorobenzene	ug/kg	ND	330	
phthalene	ug/kg	ND	330	
Chloroaniline	ug/kg	ND	660	
kachlorobutadiene	ug/kg	ND	330	
-Chloro-3-methylphenol	ug/kg	ND	660	
Methylnaphthalene	ug/kg	ND	330	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Pace Project Number: 108302
Client Project ID: 980630-02

METHOD BLANK: 10714384
Associated Pace Samples: 10714798 10714806 10714814

Parameter	Units	Method Blank Result	PRL	Footnotes
Hexachlorocyclopentadiene	ug/kg	ND	330	
2,4,6-Trichlorophenol	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2-Chloronaphthalene	ug/kg	ND	330	
2-Nitroaniline	ug/kg	ND	1600	
Dimethylphthalate	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
3-Nitroaniline	ug/kg	ND	1600	
Acenaphthene	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1600	
4-Nitrophenol	ug/kg	ND	1600	
Dibenzofuran	ug/kg	ND	330	
2,4-Dinitrotoluene	ug/kg	ND	330	
Diethylphthalate	ug/kg	ND	330	
4-Chlorophenyl-phenylether	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
4-Nitroaniline	ug/kg	ND	1600	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1600	
N-Nitrosodiphenylamine	ug/kg	ND	330	
4-Bromophenyl-phenylether	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1600	
Phenanthrene	ug/kg	ND	330	
Anthracene	ug/kg	ND	330	
Di-n-butylphthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	
Butylbenzylphthalate	ug/kg	ND	330	
3,3'-Dichlorobenzidine	ug/kg	ND	660	
Benzo(a)anthracene	ug/kg	ND	330	
Chrysene	ug/kg	ND	330	
Bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	
Di-n-octylphthalate	ug/kg	ND	330	
Benzo(b)fluoranthene	ug/kg	ND	330	
Benzo(k)fluoranthene	ug/kg	ND	330	
Benzo(a)pyrene	ug/kg	ND	330	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	

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QUALITY CONTROL DATA

Pace Project Number: 108302
Client Project ID: 980630-02

OD BLANK: 10714384
ssociated Pace Samples: 10714798 10714806 10714814

arameter	Units	Method Blank Result	PRL	Footnotes
nz(a,h)anthracene	ug/kg	ND	330	
o(g,h,i)perylene	ug/kg	ND	330	
itrobenzene-d5 (S)	%	92		
luorobiphenyl (S)	%	95		
phenyl-d14 (S)	%	108		
ol-d6 (S)	%	81		
luorophenol (S)	%	71		
,6-Tribromophenol (S)	%	88		

ABORATORY CONTROL SAMPLE & LCSD: 10714392 10714400

meter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
nol	ug/kg	1667	1027	61.6	1180	70.8	14	
lorophenol	ug/kg	1667	1183	71.0	1297	77.8	9	
Dichlorobenzene	ug/kg	1667	1240	74.4	1260	75.6	2	
N-nitroso-di-n-propylamine	ug/kg	1667	1133	68.0	1260	75.6	11	
,4-Trichlorobenzene	ug/kg	1667	1037	62.2	1107	66.4	7	
hloro-3-methylphenol	ug/kg	1667	1030	61.8	1173	70.4	13	
naphthene	ug/kg	1667	1297	77.8	1380	82.8	6	
4-Nitrophenol	ug/kg	1667	526.7,	31.6	646.7	38.8	20	1,1
-Dinitrotoluene	ug/kg	1667	1187	71.2	1310	78.6	10	
tachlorophenol	ug/kg	1667	646.7	38.8	696.7	41.8	7	1,1
ene	ug/kg	1667	1180	70.8	1167	70.0	1	
Nitrobenzene-d5 (S)				84		94		
luorobiphenyl (S)				91		97		
phenyl-d14 (S)				86		86		

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QUALITY CONTROL DATA

Analytical Long Beach SC
Gilman Street
ong Beach, CA 90815

Pace Project Number: 108302
Client Project ID: 980630-02

ttn: Mr. Richard Villafania
e: (562)498-9515

C atch ID: 14051
nalysis Method: EPA 8080
A: ociated Pace Samples: 10714780

QC Batch Method: EPA 3550
Analysis Description: PCB's in Soil, Low Level

ETHOD BLANK: 10716199
ociated Pace Samples:
10714780

ameter	Units	Method Blank Result	PRL	Footnotes
CB-1016 (Arochlor 1016)	mg/kg	ND	0.03	
-1221 (Arochlor 1221)	mg/kg	ND	0.03	
1232 (Arochlor 1232)	mg/kg	ND	0.03	
-1242 (Arochlor 1242)	mg/kg	ND	0.03	
CB-1248 (Arochlor 1248)	mg/kg	ND	0.03	
-1254 (Arochlor 1254)	mg/kg	ND	0.03	
-1260 (Arochlor 1260)	mg/kg	ND	0.03	
rachloro-meta-xylene (S)	%	97		
ecachlorobiphenyl (S)	%	78		

ORATORY CONTROL SAMPLE & LCSD: 10716207 10716215

ameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
B-1016 (Arochlor 1016)	mg/kg	0.33	0.3144	94.3	0.3425	103	9	
B-1260 (Arochlor 1260)	mg/kg	0.33	0.2764	82.9	0.2928	87.8	6	
trachloro-meta-xylene (S)				95		101		
achlorobiphenyl (S)				86		82		

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Pace Project Number: 108302
Client Project ID: 980630-02

TY CONTROL DATA PARAMETER FOOTNOTES

istent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

Not Detected
Not Calculable
Pace Reporting Limit
Relative Percent Difference
Surrogate
Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

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July 20, 1998

Mr. Richard Villafania
Pace Analytical Long Beach SC
3960 Gilman Street
Long Beach, CA 90815

RE: Pace Project Number: 108303
Client Project ID: 980630-02

Dear Mr. Villafania:

Enclosed are the results of analyses for sample(s) received July 1, 1998 through July 15, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
Project Manager

Enclosures

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Pace Analytical

DATE: 07/20/98
PAGE: 1

Analytical Long Beach SC
Gilman Street
Beach, CA 90815

Pace Project Number: 108303
Client Project ID: 980630-02

Mr. Richard Villafania
e: (562)498-9515

d results are reported on a wet weight basis

Sample No: 10714822 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: TTB66 ? 1 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC - Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/08/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/08/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/08/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/08/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/08/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/08/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/08/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	89	%		07/08/98	SJW	877-09-8	
Decachlorobiphenyl (S)	109	%		07/08/98	SJW	2051-24-3	
Date Extracted				07/06/98			
MS - VOA							
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 8260	
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	

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Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714822 Date Collected: 06/27/98 Matrix: Soil
Client Sample ID: TTB66 2 1 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	79-00-5	
Tetrachloroethene	2.2	ug/kg	5	07/11/98	TAW	127-18-4	1,2
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	95-50-1	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714822 Date Collected: 06/27/98 Matrix: Soil
Client Sample ID: TTB66 2 1 Date Received: 07/01/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/11/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	TAW	110-75-8	
Acetone	8.4	ug/kg	20	07/11/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/11/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	TAW	637-92-3	
Tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	TAW	75-65-0	
Dibromofluoromethane (S)	102	%		07/11/98	TAW	1868-53-7	
Toluene-d8 (S)	122	%		07/11/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	108	%		07/11/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%		07/11/98	TAW	17060-07-0	

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Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714830 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: TTB66 2 3 Date Received: 07/01/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
B's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/08/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/08/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/08/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/08/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/08/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/08/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/08/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	98	%		07/08/98	SJW	877-09-8	
Decachlorobiphenyl (S)	128	%		07/08/98	SJW	2051-24-3	
Date Extracted				07/06/98			
IS -- VOA							
/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714830 Date Collected: 06/27/98 Matrix: Soil
Client Sample ID: TTR66 2 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/11/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	79-00-5	
Tetrachloroethene	2.2	ug/kg	5	07/11/98	TAW	127-18-4	1,2
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/11/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	TAW	110-75-8	
Acetone	8.5	ug/kg	20	07/11/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/11/98	TAW	78-93-3	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714848 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: TTB66 3 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
MS -- Semi-VOA							
mivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	110	ug/kg	330	07/15/98	SAC	108-95-2	2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/15/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/15/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/15/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/15/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/15/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/15/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/15/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/15/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/15/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/15/98	SAC	78-59-1	
)-Nitrophenol	ND	ug/kg	330	07/15/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/15/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/15/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/15/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/15/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/15/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/15/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/15/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/15/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/15/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/15/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/15/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/15/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/15/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/15/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/15/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/15/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/15/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/15/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/15/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714848 Date Collected: 06/27/98 Matrix: Soil
Sample ID: TTB66 3 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/15/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/15/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/15/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/15/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/15/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/15/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/15/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/15/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/15/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/15/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/15/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/15/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/15/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/15/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/15/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/15/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/15/98	SAC	85-68-7	
),3'-Dichlorobenzidine	ND	ug/kg	660	07/15/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/15/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/15/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	130	ug/kg	330	07/15/98	SAC	117-81-7	2
Di-n-octylphthalate	ND	ug/kg	330	07/15/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/15/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/15/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/15/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/15/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/15/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/15/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	64	%		07/15/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	61	%		07/15/98	SAC	321-60-8	
Terphenyl-d14 (S)	83	%		07/15/98	SAC	1718-51-0	
Phenol-d6 (S)	70	%		07/15/98	SAC	13127-88-3	
2-Fluorophenol (S)	54	%		07/15/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	31	%		07/15/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714855 Date Collected: 06/27/98 Matrix: Soil
Client Sample ID: TTB66 3 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/15/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/15/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/15/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/15/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/15/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/15/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/15/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/15/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/15/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/15/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/15/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/15/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/15/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/15/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/15/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/15/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/15/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/15/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/15/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/15/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/15/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/15/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/15/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/15/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/15/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/15/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/15/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/15/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/15/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/15/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/15/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714855 Date Collected: 06/27/98 Matrix: Soil
Sample ID: TT666 3 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/15/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/15/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/15/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/15/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/15/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/15/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/15/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/15/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/15/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/15/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/15/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/15/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/15/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/15/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/15/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/15/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/15/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/15/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/15/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/15/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	82	ug/kg	330	07/15/98	SAC	117-81-7	2
Di-n-octylphthalate	ND	ug/kg	330	07/15/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/15/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/15/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/15/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/15/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/15/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/15/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	70	%		07/15/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	65	%		07/15/98	SAC	321-60-8	
Terphenyl-d14 (S)	96	%		07/15/98	SAC	1718-51-0	
Phenol-d6 (S)	76	%		07/15/98	SAC	13127-88-3	
2-Fluorophenol (S)	62	%		07/15/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	34	%		07/15/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714863 Date Collected: 06/27/98 Matrix: Soil
Sample ID: TTB66 3 5 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics		Method: EPA 8270			Prep Method: EPA 3550		
Phenol	79	ug/kg	330	07/15/98	SAC	108-95-2	Z
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/15/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/15/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/15/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/15/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/15/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/15/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/15/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/15/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/15/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/15/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/15/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/15/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/15/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/15/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/15/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/15/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/15/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/15/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/15/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/15/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/15/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/15/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/15/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/15/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/15/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/15/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/15/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/15/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/15/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/15/98	SAC	51-28-5	

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10714863 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: ITB66 3 5 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/15/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/15/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/15/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/15/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/15/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/15/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/15/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/15/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/15/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/15/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/15/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/15/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/15/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/15/98	SAC	84-74-2	
Fluoranthene	84	ug/kg	330	07/15/98	SAC	206-44-0	2
Pyrene	100	ug/kg	330	07/15/98	SAC	129-00-0	2
Butylbenzylphthalate	ND	ug/kg	330	07/15/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/15/98	SAC	91-94-1	
Benzo(a)anthracene	87	ug/kg	330	07/15/98	SAC	56-55-3	2
Chrysene	110	ug/kg	330	07/15/98	SAC	218-01-9	2
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/15/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/15/98	SAC	117-84-0	
Benzo(b)fluoranthene	230	ug/kg	330	07/15/98	SAC	205-99-2	2
Benzo(k)fluoranthene	120	ug/kg	330	07/15/98	SAC	207-08-9	2
Benzo(a)pyrene	230	ug/kg	330	07/15/98	SAC	50-32-8	2
Indeno(1,2,3-cd)pyrene	190	ug/kg	330	07/15/98	SAC	193-39-5	2
Dibenz(a,h)anthracene	ND	ug/kg	330	07/15/98	SAC	53-70-3	
Benzo(g,h,i)perylene	220	ug/kg	330	07/15/98	SAC	191-24-2	2
Nitrobenzene-d5 (S)	77	%		07/15/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	64	%		07/15/98	SAC	321-60-8	
Terphenyl-d14 (S)	104	%		07/15/98	SAC	1718-51-0	
Phenol-d6 (S)	70	%		07/15/98	SAC	13127-88-3	
2-Fluorophenol (S)	67	%		07/15/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	48	%		07/15/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714871 Date Collected: 06/27/98 Matrix: Soil
Sample ID: TNF38 1 1 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/16/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/16/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/16/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/16/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/16/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/16/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/16/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/16/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/16/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/16/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/16/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/16/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/16/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/16/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/16/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/16/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/16/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/16/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/16/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/16/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/16/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/16/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/16/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/16/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/16/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/16/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/16/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/16/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/16/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/16/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/16/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/16/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/16/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10714871 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: TNF38 I 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/16/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/16/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/16/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/16/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/16/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/16/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/16/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/16/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/16/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/16/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/16/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/16/98	SAC	87-86-5	
Phenanthrene	97	ug/kg	330	07/16/98	SAC	85-01-8	?
Anthracene	ND	ug/kg	330	07/16/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/16/98	SAC	84-74-2	
Fluoranthene	150	ug/kg	330	07/16/98	SAC	206-44-0	2
Pyrene	210	ug/kg	330	07/16/98	SAC	129-00-0	2
Butylbenzylphthalate	ND	ug/kg	330	07/16/98	SAC	85-68-7	
),3'-Dichlorobenzidine	ND	ug/kg	660	07/16/98	SAC	91-94-1	
Benzo(a)anthracene	120	ug/kg	330	07/16/98	SAC	56-55-3	?
Chrysene	170	ug/kg	330	07/16/98	SAC	218-01-9	2
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/16/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/16/98	SAC	117-84-0	
Benzo(b)fluoranthene	180	ug/kg	330	07/16/98	SAC	205-99-2	2
Benzo(k)fluoranthene	89	ug/kg	330	07/16/98	SAC	207-08-9	2
Benzo(a)pyrene	140	ug/kg	330	07/16/98	SAC	50-32-8	2
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/16/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/16/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/16/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	78	%		07/16/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	62	%		07/16/98	SAC	321-60-8	
Terphenyl-d14 (S)	97	%		07/16/98	SAC	1718-51-0	
Phenol-d6 (S)	77	%		07/16/98	SAC	13127-88-3	
2-Fluorophenol (S)	76	%		07/16/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	69	%		07/16/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10714009 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: TMF38 1 3 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- Semi-VOA							
emivolatile Organics		Method: EPA 8270			Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/16/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/16/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/16/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/16/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/16/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/16/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/16/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/16/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/16/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/16/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/16/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/16/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/16/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/16/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/16/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/16/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/16/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/16/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/16/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/16/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/16/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/16/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/16/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/16/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/16/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/16/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/16/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/16/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/16/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/16/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/16/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/16/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/16/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10714089 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: TNF38 I 3 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/16/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/16/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/16/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/16/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/16/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/16/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/16/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/16/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/16/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/16/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/16/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/16/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/16/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/16/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/16/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/16/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/16/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/16/98	SAC	85-68-7	
),3'-Dichlorobenzidine	ND	ug/kg	660	07/16/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/16/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/16/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/16/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/16/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/16/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/16/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/16/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/16/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/16/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/16/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	74	%		07/16/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	59	%		07/16/98	SAC	321-60-8	
Terphenyl-d14 (S)	105	%		07/16/98	SAC	1718-51-0	
Phenol-d6 (S)	71	%		07/16/98	SAC	13127-88-3	
2-Fluorophenol (S)	61	%		07/16/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	28	%		07/16/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

c Sample No: 10714897 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: TNF37 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- VOA							
C/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	79-00-5	
Tetrachloroethene	2.9	ug/kg	5	07/11/98	TAW	127-18-4	1,2
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	TAW	75-25-2	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10714897 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: TNF37 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/11/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-01-5	
Dibromofluoromethane (S)	40	%		07/11/98	TAW	1868-53-7	4
Toluene-d8 (S)	122	%		07/11/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	106	%		07/11/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%		07/11/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714905 Date Collected: 06/27/98 Matrix: Soil
Client Sample ID: TNF37 1 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA							
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	79-00-5	
Tetrachloroethene	2.4	ug/kg	5	07/11/98	TAW	127-18-4	1,2
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	TAW	75-25-2	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

g Sample No: 10714905 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: TNF37 1 3 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- VOA							
C/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	79-00-5	
Tetrachloroethene	2.4	ug/kg	5	07/11/98	TAW	127-18-4	1,2
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	TAW	75-25-2	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714905 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: TNF37 1 3 Date Received: 07/01/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/11/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-01-5	
Dibromofluoromethane (S)	100	%		07/11/98	TAW	1868-53-7	
Toluene-d8 (S)	122	%		07/11/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	108	%		07/11/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%		07/11/98	TAW	17060-07-0	

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Client Project ID: 980630-02

e Sample No: 10714913 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: TNF37 1 5 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
MS -- VOA							
C/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	79-00-5	
Tetrachloroethene	2.3	ug/kg	5	07/11/98	TAW	127-18-4	1,2
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	TAW	75-25-2	

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10714913 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: TNF37 1 5 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/11/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-01-5	
Dibromofluoromethane (S)	58	%		07/11/98	TAW	1868-53-7	4
Toluene-d8 (S)	122	%		07/11/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	108	%		07/11/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%		07/11/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714921 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: TNF36 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
MS -- Semi-VOA							
mivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/16/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/16/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/16/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/16/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/16/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/16/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/16/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/16/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/16/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/16/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/16/98	SAC	78-59-1	
)-Nitrophenol	ND	ug/kg	330	07/16/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/16/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/16/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/16/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/16/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/16/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/16/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/16/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/16/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/16/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/16/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/16/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/16/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/16/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/16/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/16/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/16/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/16/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/16/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/16/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/16/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/16/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714939 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: TNF36 1 3 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
MS -- Semi-VOA							
mivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/16/98	DKP	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/16/98	DKP	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/16/98	DKP	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/16/98	DKP	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/16/98	DKP	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/16/98	DKP	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/16/98	DKP	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/16/98	DKP	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/16/98	DKP	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/16/98	DKP	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/16/98	DKP	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/16/98	DKP	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/16/98	DKP	98-95-3	
Isophorone	ND	ug/kg	330	07/16/98	DKP	78-59-1	
j-Nitrophenol	ND	ug/kg	330	07/16/98	DKP	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/16/98	DKP	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/16/98	DKP	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/16/98	DKP	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/16/98	DKP	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/16/98	DKP	120-82-1	
Naphthalene	ND	ug/kg	330	07/16/98	DKP	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/16/98	DKP	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/16/98	DKP	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/16/98	DKP	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/16/98	DKP	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/16/98	DKP	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/16/98	DKP	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/16/98	DKP	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/16/98	DKP	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/16/98	DKP	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/16/98	DKP	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/16/98	DKP	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/16/98	DKP	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/16/98	DKP	99-09-2	
Acenaphthene	ND	ug/kg	330	07/16/98	DKP	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/16/98	DKP	51-28-5	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714939
ent Sample ID: TNF36 1 3

Date Collected: 06/27/98
Date Received: 07/01/98

Matrix: Soil

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/16/98	DKP	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/16/98	DKP	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/16/98	DKP	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/16/98	DKP	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/16/98	DKP	7005-72-3	
Fluorene	ND	ug/kg	330	07/16/98	DKP	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/16/98	DKP	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/16/98	DKP	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/16/98	DKP	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/16/98	DKP	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/16/98	DKP	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/16/98	DKP	87-86-5	
Phenanthrene	ND	ug/kg	330	07/16/98	DKP	85-01-8	
Anthracene	ND	ug/kg	330	07/16/98	DKP	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/16/98	DKP	84-74-2	
Fluoranthene	ND	ug/kg	330	07/16/98	DKP	206-44-0	
Pyrene	ND	ug/kg	330	07/16/98	DKP	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/16/98	DKP	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/16/98	DKP	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/16/98	DKP	56-55-3	
Chrysene	ND	ug/kg	330	07/16/98	DKP	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/16/98	DKP	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/16/98	DKP	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/16/98	DKP	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/16/98	DKP	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/16/98	DKP	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/16/98	DKP	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/16/98	DKP	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/16/98	DKP	191-24-2	
Nitrobenzene-d5 (S)	80	%		07/16/98	DKP	4165-60-0	
2-Fluorobiphenyl (S)	64	%		07/16/98	DKP	321-60-8	
Terphenyl-d14 (S)	114	%		07/16/98	DKP	1718-51-0	
Phenol-d6 (S)	75	%		07/16/98	DKP	13127-88-3	
2-Fluorophenol (S)	71	%		07/16/98	DKP	367-12-4	
2,4,6-Tribromophenol (S)	34	%		07/16/98	DKP	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10714947 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB39 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
CB's in Soil, Low Level		Method: EPA 8080			Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/08/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/08/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/08/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/08/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/08/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/08/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/08/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	98	%		07/08/98	SJW	877-09-8	
Decachlorobiphenyl (S)	117	%		07/08/98	SJW	2051-24-3	
Date Extracted				07/06/98			
MS -- VOA							
C/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	SAC	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	SAC	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	SAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	SAC	75-27-4	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714947 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB39 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/11/98	SAC	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	SAC	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/11/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	SAC	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	SAC	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	SAC	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	SAC	87-68-3	
Naphthalene	15	ug/kg	5	07/11/98	SAC	91-20-3	1
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	SAC	110-75-8	
Acetone	9.6	ug/kg	20	07/11/98	SAC	67-64-1	1,2,3
2-Butanone	1.6	ug/kg	10	07/11/98	SAC	78-93-3	2

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10714954 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB39 1 3 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
MC -- Semi-VOA							
CB's in Soil, Low Level		Method: EPA 8080			Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/08/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/08/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/08/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/08/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/08/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/08/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/08/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	96	%		07/08/98	SJW	877-09-8	
Decachlorobiphenyl (S)	133	%		07/08/98	SJW	2051-24-3	
Date Extracted				07/06/98			
GC/MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	SAC	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	SAC	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	SAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	SAC	75-27-4	

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Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714954 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DT839 1 3 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/11/98	SAC	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	SAC	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/11/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	SAC	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	SAC	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	SAC	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	SAC	87-68-3	
Naphthalene	14	ug/kg	5	07/11/98	SAC	91-20-3	1
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	SAC	110-75-8	
Acetone	7.0	ug/kg	20	07/11/98	SAC	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/11/98	SAC	78-93-3	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714954 Date Collected: 06/27/98 Matrix: Soil
Client Sample ID: DTB39 1 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	SAC	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	SAC	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	SAC	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	SAC	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	SAC	75-65-0	
Dibromofluoromethane (S)	108	%		07/11/98	SAC	1868-53-7	
Toluene-d8 (S)	100	%		07/11/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	84	%		07/11/98	SAC	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%		07/11/98	SAC	17060-07-0	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714962 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB39 2 1 Date Received: 07/01/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
MS -- Semi-VOA							
mivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/16/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/16/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/16/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/16/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/16/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/16/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/16/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/16/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/16/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/16/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/16/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/16/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/16/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/16/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/16/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/16/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/16/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/16/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/16/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/16/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/16/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/16/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/16/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/16/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/16/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/16/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/16/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/16/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/16/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/16/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/16/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/16/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/16/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714970 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB39 2 3 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
MS -- Semi-VOA							
mivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/16/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/16/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/16/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/16/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/16/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/16/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/16/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/16/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/16/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/16/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/16/98	SAC	78-59-1	
Nitrophenol	ND	ug/kg	330	07/16/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/16/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/16/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/16/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/16/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/16/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/16/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/16/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/16/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/16/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/16/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/16/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/16/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/16/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/16/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/16/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/16/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/16/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/16/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/16/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/16/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/16/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 107149/0 Date Collected: 06/27/98 Matrix: Soil
Client Sample ID: OTB39 2 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/16/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/16/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/16/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/16/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/16/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/16/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/16/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/16/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/16/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/16/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/16/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/16/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/16/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/16/98	SAC	120-12-7	
Di-n-butylphthalate	190	ug/kg	330	07/16/98	SAC	84-74-2	2
Fluoranthene	ND	ug/kg	330	07/16/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/16/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/16/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/16/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/16/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/16/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/16/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/16/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/16/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/16/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/16/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/16/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/16/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/16/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	71	%		07/16/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	67	%		07/16/98	SAC	321-60-8	
Terphenyl-d14 (S)	94	%		07/16/98	SAC	1718-51-0	
Phenol-d6 (S)	67	%		07/16/98	SAC	13127-88-3	
2-Fluorophenol (S)	57	%		07/16/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	30	%		07/16/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714988 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB40 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
CB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/08/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/08/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/08/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/08/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/08/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/08/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/08/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	108	%		07/08/98	SJW	877-09-8	
Decachlorobiphenyl (S)	150	%		07/08/98	SJW	2051-24-3	
Date Extracted				07/06/98			
S -- VOA							
/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	

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Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714988 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB40 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
B's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/08/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/08/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/08/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/08/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/08/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/08/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/08/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	108	%		07/08/98	SJW	877-09-8	
Decachlorobiphenyl (S)	150	%		07/08/98	SJW	2051-24-3	
Date Extracted				07/06/98			
MS -- VOA							
C/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714988 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB40 1 1 Date Received: 07/01/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/11/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	79-00-5	
Tetrachloroethene	2.5	ug/kg	5	07/11/98	TAW	127-18-4	1,2
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/11/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	TAW	110-75-8	
Acetone	8.0	ug/kg	20	07/11/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/11/98	TAW	78-93-3	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714988 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: OTB40 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	TAW	75-65-0	
Dibromofluoromethane (S)	102	%		07/11/98	TAW	1868-53-7	
Toluene-d8 (S)	122	%		07/11/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	108	%		07/11/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%		07/11/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714996 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB40 1 3 Date Received: 07/01/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C MS -- VOA							
/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 8260	
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	SAC	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	SAC	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	SAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	SAC	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	SAC	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	SAC	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/11/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	SAC	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	SAC	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	SAC	75-25-2	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10714996 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB40 1 3 Date Received: 07/01/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	SAC	87-68-3	
Naphthalene	13	ug/kg	5	07/11/98	SAC	91-20-3	1
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	SAC	110-75-8	
Acetone	6.9	ug/kg	20	07/11/98	SAC	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/11/98	SAC	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	SAC	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	SAC	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	SAC	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	SAC	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	SAC	75-65-0	
Dibromofluoromethane (S)	108	%		07/11/98	SAC	1868-53-7	
Toluene-d8 (S)	100	%		07/11/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	86	%		07/11/98	SAC	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%		07/11/98	SAC	17060-07-0	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715001 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB41 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
B's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/08/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/08/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/08/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/08/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/08/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/08/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/08/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	93	%		07/08/98	SJW	877-09-8	
Decachlorobiphenyl (S)	129	%		07/08/98	SJW	2051-24-3	
Date Extracted				07/06/98			
MS -- Semi-VOA							
Nivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/15/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/15/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/15/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/15/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/15/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/15/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/15/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/15/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/15/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/15/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/15/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/15/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/15/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/15/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/15/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/15/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/15/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/15/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/15/98	SAC	106-47-8	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715001 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DIB41 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Hexachlorobutadiene	ND	ug/kg	330	07/15/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/15/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/15/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/15/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/15/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/15/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/15/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/15/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/15/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/15/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/15/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/15/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/kg	1600	07/15/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/15/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/15/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/15/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/15/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/15/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/15/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/15/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/15/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/15/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/15/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/15/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/15/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/15/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/15/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/15/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/15/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/15/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/15/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/15/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	130	ug/kg	330	07/15/98	SAC	117-81-7	2
Di-n-octylphthalate	ND	ug/kg	330	07/15/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/15/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/15/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/15/98	SAC	50-32-8	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Pace Sample No: 10715001 Date Collected: 06/27/98 Matrix: Soil
Client Sample ID: DTB41 1 1 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/15/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/15/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/15/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	65	%		07/15/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	64	%		07/15/98	SAC	321-60-8	
Terphenyl-d14 (S)	87	%		07/15/98	SAC	1718-51-0	
Phenol-d6 (S)	80	%		07/15/98	SAC	13127-88-3	
2-Fluorophenol (S)	69	%		07/15/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	64	%		07/15/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715019 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB41 1 3 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Hexachlorobutadiene	ND	ug/kg	540	07/15/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	1100	07/15/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	540	07/15/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	540	07/15/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	540	07/15/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	540	07/15/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	540	07/15/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	2600	07/15/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	540	07/15/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	540	07/15/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	540	07/15/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	2600	07/15/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	540	07/15/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	2600	07/15/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/kg	2600	07/15/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	540	07/15/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	540	07/15/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	540	07/15/98	SAC	84-66-2	
)-Chlorophenyl-phenylether	ND	ug/kg	540	07/15/98	SAC	7005-72-3	
rluorene	ND	ug/kg	540	07/15/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	2600	07/15/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2600	07/15/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	540	07/15/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	540	07/15/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	540	07/15/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	2600	07/15/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	540	07/15/98	SAC	85-01-8	
Anthracene	ND	ug/kg	540	07/15/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	540	07/15/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	540	07/15/98	SAC	206-44-0	
Pyrene	ND	ug/kg	540	07/15/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	540	07/15/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1100	07/15/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	540	07/15/98	SAC	56-55-3	
Chrysene	ND	ug/kg	540	07/15/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	160	ug/kg	540	07/15/98	SAC	117-81-7	2
Di-n-octylphthalate	ND	ug/kg	540	07/15/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	540	07/15/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	540	07/15/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	540	07/15/98	SAC	50-32-8	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715019 Date Collected: 06/27/98 Matrix: Soil
Sample ID: DTB41 1 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Indeno(1,2,3-cd)pyrene	ND	ug/kg	540	07/15/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	540	07/15/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	540	07/15/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	61	%		07/15/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	59	%		07/15/98	SAC	321-60-8	
Terphenyl-d14 (S)	80	%		07/15/98	SAC	1718-51-0	
Phenol-d6 (S)	66	%		07/15/98	SAC	13127-88-3	
2-Fluorophenol (S)	51	%		07/15/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	26	%		07/15/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715027 Date Collected: 06/27/98 Matrix: Soil
Client Sample ID: DTB41 2 1 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	79-00-5	
Tetrachloroethene	1.8	ug/kg	5	07/11/98	TAW	127-18-4	1,2
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	TAW	75-25-2	

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715027 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB41 2 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/11/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	TAW	110-75-8	
Acetone	7.5	ug/kg	20	07/11/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/11/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	TAW	75-65-0	
Dibromofluoromethane (S)	100	%		07/11/98	TAW	1868-53-7	
Toluene-d8 (S)	124	%		07/11/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	104	%		07/11/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%		07/11/98	TAW	17060-07-0	

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715035 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB41 2 3 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- VOA							
C/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	SAC	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	SAC	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	SAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	SAC	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	SAC	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	SAC	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/11/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	SAC	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	SAC	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	SAC	75-25-2	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715035 Date Collected: 06/27/98 Matrix: Soil
Sample ID: DTB41 2 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	SAC	87-68-3	
Naphthalene	14	ug/kg	5	07/11/98	SAC	91-20-3	1
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	SAC	110-75-8	
Acetone	12	ug/kg	20	07/11/98	SAC	67-64-1	1,2,3
2-Butanone	5.0	ug/kg	10	07/11/98	SAC	78-93-3	2
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	SAC	75-15-0	
2-Hexanone	1.8	ug/kg	100	07/11/98	SAC	591-78-6	2
Vinyl Acetate	ND	ug/kg	100	07/11/98	SAC	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	SAC	1634-04-4	
Ethanol	1300	ug/kg	500	07/11/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	SAC	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	SAC	994-05-8	
2-Methyl-2-propanol	280	ug/kg	100	07/11/98	SAC	75-65-0	1
Dibromofluoromethane (S)	108	%		07/11/98	SAC	1868-53-7	
Toluene-d8 (S)	102	%		07/11/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	82	%		07/11/98	SAC	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%		07/11/98	SAC	17060-07-0	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715043 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB42 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
emivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/16/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/16/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/16/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/16/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/16/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/16/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/16/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/16/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/16/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/16/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/16/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/16/98	SAC	78-59-1	
Nitrophenol	ND	ug/kg	330	07/16/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/16/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/16/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/16/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/16/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/16/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/16/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/16/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/16/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/16/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/16/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/16/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/16/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/16/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/16/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/16/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/16/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/16/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/16/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/16/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/16/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/16/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715043 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB42 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/16/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/16/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/16/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/16/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/16/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/16/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/16/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/16/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/16/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/16/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/16/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/16/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/16/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/16/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/16/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/16/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/16/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/16/98	SAC	85-68-7	
,3'-Dichlorobenzidine	ND	ug/kg	660	07/16/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/16/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/16/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/16/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/16/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/16/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/16/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/16/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/16/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/16/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/16/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	77	%		07/16/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	58	%		07/16/98	SAC	321-60-8	
Terphenyl-d14 (S)	94	%		07/16/98	SAC	1718-51-0	
Phenol-d6 (S)	87	%		07/16/98	SAC	13127-88-3	
2-Fluorophenol (S)	82	%		07/16/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	44	%		07/16/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715050 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DI842 1 3 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- Semi-VOA							
emivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/14/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/14/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/14/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/14/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/14/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/14/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/14/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/14/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/14/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/14/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/14/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/14/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/14/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/14/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/14/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/14/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/14/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/14/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/14/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/14/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/14/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/14/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/14/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/14/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/14/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/14/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/14/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/14/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/14/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/14/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/14/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/14/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/14/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/14/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/14/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/14/98	SAC	51-28-5	

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715050 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB42 1 3 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/14/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/14/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/14/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/14/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/14/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/14/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/14/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/14/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/14/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/14/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/14/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/14/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/14/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/14/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/14/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/14/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/14/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/14/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/14/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/14/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/14/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/14/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/14/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/14/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/14/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/14/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/14/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/14/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/14/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	76	%		07/14/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	76	%		07/14/98	SAC	321-60-8	
Terphenyl-d14 (S)	120	%		07/14/98	SAC	1718-51-0	
Phenol-d6 (S)	76	%		07/14/98	SAC	13127-88-3	
2-Fluorophenol (S)	68	%		07/14/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	52	%		07/14/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715068 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB42 2 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	79-00-5	
Tetrachloroethene	2.6	ug/kg	5	07/11/98	TAW	127-18-4	1,2
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	TAW	100-41-4	
M&P-Xylene	5.7	ug/kg	5	07/11/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	3.3	ug/kg	5	07/11/98	TAW	95-47-6	2
Styrene	ND	ug/kg	5	07/11/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	TAW	75-25-2	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715068 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB42 2 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/11/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	TAW	110-75-8	
Acetone	8.1	ug/kg	20	07/11/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/11/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	TAW	75-65-0	
Dibromofluoromethane (S)	100	%		07/11/98	TAW	1868-53-7	
Toluene-d8 (S)	120	%		07/11/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	108	%		07/11/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%		07/11/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715076 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DfB47 2 3 Date Received: 07/01/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA							
C/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	79-00-5	
Tetrachloroethene	1.9	ug/kg	5	07/11/98	TAW	127-18-4	1,2
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	TAW	100-41-4	
M&P-Xylene	4.1	ug/kg	5	07/11/98	TAW	7816-60-0	2
O-Xylene (1,2-Dimethylbenzene)	2.2	ug/kg	5	07/11/98	TAW	95-47-6	2
Styrene	ND	ug/kg	5	07/11/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	TAW	75-25-2	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715076 Date Collected: 06/27/98 Matrix: Soil
Sample ID: DTB42 2 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/11/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	TAW	110-75-8	
Acetone	7.5	ug/kg	20	07/11/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/11/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	TAW	75-65-0	
Dibromofluoromethane (S)	100	%		07/11/98	TAW	1868-53-7	
Toluene-d8 (S)	124	%		07/11/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	104	%		07/11/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%		07/11/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715084 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: 01843 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
emivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	180	ug/kg	330	07/14/98	SAC	108-95-2	2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/14/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/14/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/14/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/14/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/14/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/14/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/14/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/14/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/14/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/14/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/14/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/14/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/14/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/14/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/14/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/14/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/14/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/14/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/14/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/14/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/14/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/14/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/14/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/14/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/14/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/14/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/14/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/14/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/14/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/14/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/14/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/14/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/14/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/14/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/14/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715084 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB43 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/14/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/14/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/14/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/14/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/14/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/14/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/14/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/14/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/14/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/14/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/14/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/14/98	SAC	87-86-5	
Phenanthrene	430	ug/kg	330	07/14/98	SAC	85-01-8	
Anthracene	66	ug/kg	330	07/14/98	SAC	120-12-7	2
Di-n-butylphthalate	ND	ug/kg	330	07/14/98	SAC	84-74-2	
Fluoranthene	380	ug/kg	330	07/14/98	SAC	206-44-0	
Pyrene	770	ug/kg	330	07/14/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/14/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/14/98	SAC	91-94-1	
Benzo(a)anthracene	260	ug/kg	330	07/14/98	SAC	56-55-3	2
Chrysene	320	ug/kg	330	07/14/98	SAC	218-01-9	2
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/14/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/14/98	SAC	117-84-0	
Benzo(b)fluoranthene	310	ug/kg	330	07/14/98	SAC	205-99-2	2
Benzo(k)fluoranthene	150	ug/kg	330	07/14/98	SAC	207-08-9	2
Benzo(a)pyrene	280	ug/kg	330	07/14/98	SAC	50-32-8	2
Indeno(1,2,3-cd)pyrene	88	ug/kg	330	07/14/98	SAC	193-39-5	2
Dibenz(a,h)anthracene	ND	ug/kg	330	07/14/98	SAC	53-70-3	
Benzo(g,h,i)perylene	86	ug/kg	330	07/14/98	SAC	191-24-2	2
Nitrobenzene-d5 (S)	89	%		07/14/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	93	%		07/14/98	SAC	321-60-8	
Terphenyl-d14 (S)	130	%		07/14/98	SAC	1718-51-0	
Phenol-d6 (S)	86	%		07/14/98	SAC	13127-88-3	
2-Fluorophenol (S)	68	%		07/14/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	95	%		07/14/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715092 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB43 2 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Semi-VOA							
CB's in Soil, Low Level		Method: EPA 8080			Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/08/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/08/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/08/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/08/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/08/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/08/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/08/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	20	%		07/08/98	SJW	877-09-8	5
Decachlorobiphenyl (S)	34	%		07/08/98	SJW	2051-24-3	6
Date Extracted				07/06/98			
MS -- VOA							
C/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	1.6	ug/kg	5	07/11/98	TAW	75-71-8	2
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715092 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB43 2 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/11/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	79-00-5	
Tetrachloroethene	2.1	ug/kg	5	07/11/98	TAW	127-18-4	1,2
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	TAW	96-18-4	
)-Propylbenzene	ND	ug/kg	5	07/11/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/11/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	TAW	110-75-8	
Acetone	ND	ug/kg	20	07/11/98	TAW	67-64-1	
2-Butanone	ND	ug/kg	10	07/11/98	TAW	78-93-3	

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Pace Analytical

Pace Project Number: 108103
Client Project ID: 980630-02

Sample No:	10715092	Date Collected:	06/27/98	Matrix:	Soil
Sample ID:	DTB43 2 1	Date Received:	07/01/98		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	TAW	75-65-0	
Dibromofluoromethane (S)	102	%		07/11/98	TAW	1868-53-7	
Toluene-d8 (S)	124	%		07/11/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	104	%		07/11/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%		07/11/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715100 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB43 2 3 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C -- Semi-VOA							
CB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/08/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/08/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/08/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/08/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/08/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/08/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/08/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	101	%		07/08/98	SJW	877-09-8	
Decachlorobiphenyl (S)	142	%		07/08/98	SJW	2051-24-3	
Date Extracted				07/06/98			
MS -- VOA							
C/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	2.5	ug/kg	5	07/11/98	SAC	75-71-8	2
Chloromethane	ND	ug/kg	5	07/11/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	SAC	75-69-4	
Methylene Chloride	3.5	ug/kg	5	07/11/98	SAC	75-09-2	2,3,7
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	75-35-4	
trans-1,2-Dichloroethene	3.7	ug/kg	5	07/11/98	SAC	156-60-5	2,7
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	SAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	563-58-6	
Benzene	2.7	ug/kg	5	07/11/98	SAC	71-43-2	2,7
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	SAC	75-27-4	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715100 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: 01843 2 3 Date Received: 07/01/98

ometers	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/11/98	SAC	74-95-3	
Toluene	3.4	ug/kg	5	07/11/98	SAC	108-88-3	2,7
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/11/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	630-20-6	
Ethylbenzene	2.2	ug/kg	5	07/11/98	SAC	100-41-4	2,7
M&P-Xylene	3.7	ug/kg	5	07/11/98	SAC	7816-60-0	2,7
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	SAC	75-25-2	
Isopropylbenzene (Cumene)	3.1	ug/kg	5	07/11/98	SAC	98-82-8	2,7
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	SAC	96-18-4	
)-Propylbenzene	3.4	ug/kg	5	07/11/98	SAC	103-65-1	2,7
2-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	2.6	ug/kg	5	07/11/98	SAC	108-67-8	2,7
4-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	3.0	ug/kg	5	07/11/98	SAC	95-63-6	2,7
sec-Butylbenzene	2.6	ug/kg	5	07/11/98	SAC	135-98-8	2,7
tert-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	SAC	99-87-6	
1,3-Dichlorobenzene	3.0	ug/kg	5	07/11/98	SAC	541-73-1	2,7
1,4-Dichlorobenzene	3.2	ug/kg	5	07/11/98	SAC	106-46-7	2,7
n-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	104-51-8	
1,2-Dichlorobenzene	2.3	ug/kg	5	07/11/98	SAC	95-50-1	2,7
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	SAC	87-68-3	
Naphthalene	14	ug/kg	5	07/11/98	SAC	91-20-3	1,8
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	SAC	110-75-8	
Acetone	24	ug/kg	20	07/11/98	SAC	67-64-1	1,3
2-Butanone	2.6	ug/kg	10	07/11/98	SAC	78-93-3	2,7

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Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715100 Date Collected: 06/27/98 Matrix: Soil
Client Sample ID: DTB43 2 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	SAC	108-05-4	
Methyl-tert-butyl Ether	3.0	ug/kg	5	07/11/98	SAC	1634-04-4	2,7
Ethanol	ND	ug/kg	500	07/11/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	SAC	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	SAC	994-05-8	
2-Methyl-2-propanol	220	ug/kg	100	07/11/98	SAC	75-65-0	1,7
Dibromofluoromethane (S)	122	%		07/11/98	SAC	1868-53-7	
Toluene-d8 (S)	120	%		07/11/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	74	%		07/11/98	SAC	460-00-4	9
1,2-Dichloroethane-d4 (S)	134	%		07/11/98	SAC	17060-07-0	9,10

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No:	10715118	Date Collected:	06/27/98	Matrix: Soil
ent Sample ID:	DTB44 1 1	Date Received:	07/01/98	

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
emivolatile Organics		Method: EPA 8270				Prep Method: EPA 3550	
Phenol	ND	ug/kg	330	07/14/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/14/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/14/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/14/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/14/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/14/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/14/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/14/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/14/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/14/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/14/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/14/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/14/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/14/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/14/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/14/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/14/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/14/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/14/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/14/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/14/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/14/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/14/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/14/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/14/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/14/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/14/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/14/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/14/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/14/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/14/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/14/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/14/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/14/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/14/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/14/98	SAC	51-28-5	

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715118 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: OTB44 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/14/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/14/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/14/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/14/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/14/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/14/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/14/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/14/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/14/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/14/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/14/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/14/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/14/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/14/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/14/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/14/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/14/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/14/98	SAC	85-68-7	
\3'-Dichlorobenzidine	ND	ug/kg	660	07/14/98	SAC	91-94-1	
enzo(a)anthracene	ND	ug/kg	330	07/14/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/14/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/14/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/14/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/14/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/14/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/14/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/14/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/14/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/14/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	72	%		07/14/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	74	%		07/14/98	SAC	321-60-8	
Terphenyl-d14 (S)	97	%		07/14/98	SAC	1718-51-0	
Phenol-d6 (S)	70	%		07/14/98	SAC	13127-88-3	
2-Fluorophenol (S)	57	%		07/14/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	74	%		07/14/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715126 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB44 1 3 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- Semi-VOA							
emivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	82	ug/kg	330	07/14/98	SAC	108-95-2	2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/14/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/14/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/14/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/14/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/14/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/14/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/14/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/14/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/14/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/14/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/14/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/14/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/14/98	SAC	78-59-1	
)Nitrophenol	ND	ug/kg	330	07/14/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/14/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/14/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/14/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/14/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/14/98	SAC	120-82-1	
Naphthalene	97	ug/kg	330	07/14/98	SAC	91-20-3	2
4-Chloroaniline	ND	ug/kg	660	07/14/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/14/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/14/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/14/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/14/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/14/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/14/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/14/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/14/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/14/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/14/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/14/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/14/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/14/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/14/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715126 Date Collected: 06/27/98 Matrix: Soil
Sample ID: DTB44 1 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/14/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/14/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/14/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/14/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/14/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/14/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/14/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/14/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/14/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/14/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/14/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/14/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/14/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/14/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/14/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/14/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/14/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/14/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/14/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/14/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/14/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/14/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/14/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/14/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/14/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/14/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/14/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/14/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/14/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	84	%		07/14/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	89	%		07/14/98	SAC	321-60-8	
Terphenyl-d14 (S)	127	%		07/14/98	SAC	1718-51-0	
Phenol-d6 (S)	84	%		07/14/98	SAC	13127-88-3	
2-Fluorophenol (S)	64	%		07/14/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	76	%		07/14/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 106303
Client Project ID: 980630-02

Pace Sample No: 10715134 Date Collected: 06/27/98 Matrix: Soil
Client Sample ID: D1844 2 1 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA							
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	SAC	75-69-4	
Methylene Chloride	2.0	ug/kg	5	07/11/98	SAC	75-09-2	2,3
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	SAC	74-97-5	
1,1,1-Trichloroethane	1.8	ug/kg	5	07/11/98	SAC	71-55-6	2,7
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	SAC	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	SAC	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	SAC	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/11/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	SAC	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	SAC	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	SAC	75-25-2	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715134 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: OTB44 2 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	120-82-1	
exachlorobutadiene	ND	ug/kg	5	07/11/98	SAC	87-68-3	
Naphthalene	14	ug/kg	5	07/11/98	SAC	91-20-3	1
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	SAC	110-75-8	
Acetone	17	ug/kg	20	07/11/98	SAC	67-64-1	1,2,3
2-Butanone	2.7	ug/kg	10	07/11/98	SAC	78-93-3	2
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	SAC	108-10-1	
Carbon Disulfide	3.2	ug/kg	10	07/11/98	SAC	75-15-0	2
2-Hexanone	ND	ug/kg	100	07/11/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	SAC	108-05-4	
Methyl-tert-butyl Ether	3.0	ug/kg	5	07/11/98	SAC	1634-04-4	2
Ethanol	ND	ug/kg	500	07/11/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	SAC	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	SAC	994-05-8	
2-Methyl-2-propanol	220	ug/kg	100	07/11/98	SAC	75-65-0	1
Dibromofluoromethane (S)	118	%		07/11/98	SAC	1868-53-7	
Toluene-d8 (S)	122	%		07/11/98	SAC	2037-26-5	9
4-Bromofluorobenzene (S)	72	%		07/11/98	SAC	460-00-4	9
1,2-Dichloroethane-d4 (S)	128	%		07/11/98	SAC	17060-07-0	9,10

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715142 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB44 2 3 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA							
C/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	2.6	ug/kg	5	07/11/98	SAC	75-71-8	2
Chloromethane	ND	ug/kg	5	07/11/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	SAC	75-69-4	
Methylene Chloride	3.2	ug/kg	5	07/11/98	SAC	75-09-2	2,3,7
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	SAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	SAC	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	SAC	74-95-3	
Toluene	1.5	ug/kg	5	07/11/98	SAC	108-88-3	2,7
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/11/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	SAC	100-41-4	
M&P-Xylene	1.8	ug/kg	5	07/11/98	SAC	7816-60-0	2,7
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	SAC	75-25-2	

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Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715142 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB44 2 3 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	1.7	ug/kg	5	07/11/98	SAC	95-63-6	2,7
sec-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	SAC	87-68-3	
Naphthalene	15	ug/kg	5	07/11/98	SAC	91-20-3	1,7
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	SAC	110-75-8	
Acetone	27	ug/kg	20	07/11/98	SAC	67-64-1	1,3
2-Butanone	2.1	ug/kg	10	07/11/98	SAC	78-93-3	2,7
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	SAC	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	SAC	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	SAC	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	SAC	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	SAC	75-65-0	
Dibromofluoromethane (S)	120	%		07/11/98	SAC	1868-53-7	
Toluene-d8 (S)	126	%		07/11/98	SAC	2037-26-5	9
4-Bromofluorobenzene (S)	68	%		07/11/98	SAC	460-00-4	9
1,2-Dichloroethane-d4 (S)	126	%		07/11/98	SAC	17060-07-0	9,10

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Tel: 612-617-6400
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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715159 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB45 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- Semi-VOA							
emivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	300	ug/kg	330	07/15/98	SAC	108-95-2	2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/15/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/15/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/15/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/15/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/15/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/15/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/15/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/15/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/15/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/15/98	SAC	78-59-1	
p-Nitrophenol	ND	ug/kg	330	07/15/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/15/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/15/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/15/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/15/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/15/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/15/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/15/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/15/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/15/98	SAC	59-50-7	
2-Methylnaphthalene	79	ug/kg	330	07/15/98	SAC	91-57-6	2
Hexachlorocyclopentadiene	ND	ug/kg	330	07/15/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/15/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/15/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/15/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/15/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/15/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/15/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	99 09-2	
Acenaphthene	ND	ug/kg	330	07/15/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/15/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715159 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB45 1 1 Date Received: 07/01/98

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/15/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/15/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/15/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/15/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/15/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/15/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/15/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/15/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/15/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/15/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/15/98	SAC	87-86-5	
Phenanthrene	110	ug/kg	330	07/15/98	SAC	85-01-8	2
Anthracene	ND	ug/kg	330	07/15/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/15/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/15/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/15/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/15/98	SAC	85-68-7	
),3'-Dichlorobenzidine	ND	ug/kg	660	07/15/98	SAC	91-94-1	
enzo(a)anthracene	100	ug/kg	330	07/15/98	SAC	56-55-3	2
Chrysene	340	ug/kg	330	07/15/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/15/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/15/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/15/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/15/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/15/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/15/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/15/98	SAC	53-70-3	
Benzo(g,h,i)perylene	130	ug/kg	330	07/15/98	SAC	191-24-2	2
Nitrobenzene-d5 (S)	63	%		07/15/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	68	%		07/15/98	SAC	321-60-8	
Terphenyl-d14 (S)	113	%		07/15/98	SAC	1718-51-0	
Phenol-d6 (S)	60	%		07/15/98	SAC	13127-88-3	
2-Fluorophenol (S)	50	%		07/15/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	88	%		07/15/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No:	10715167	Date Collected:	06/27/98	Matrix:	Soil
ent Sample ID:	DTB45 1 3	Date Received:	07/01/98		

ameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
emivolatile Organics		Method: EPA 8270			Prep Method: EPA 3550		
Phenol	ND	ug/kg	1600	07/15/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	1600	07/15/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	1600	07/15/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	1600	07/15/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	1600	07/15/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	3300	07/15/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	1600	07/15/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	1600	07/15/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	1600	07/15/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	1600	07/15/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	1600	07/15/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	1600	07/15/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	1600	07/15/98	SAC	98-95-3	
Isophorone	ND	ug/kg	1600	07/15/98	SAC	78-59-1	
j-Nitrophenol	ND	ug/kg	1600	07/15/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	1600	07/15/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	8000	07/15/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	1600	07/15/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	1600	07/15/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	1600	07/15/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	1600	07/15/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	3300	07/15/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	1600	07/15/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	3300	07/15/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	1600	07/15/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	1600	07/15/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	1600	07/15/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	1600	07/15/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	1600	07/15/98	SAC	91-58 7	
2-Nitroaniline	ND	ug/kg	8000	07/15/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	1600	07/15/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	1600	07/15/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	1600	07/15/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	8000	07/15/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	1600	07/15/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	8000	07/15/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715167 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB45 1 3 Date Received: 07/01/98

rameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	8000	07/15/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	1600	07/15/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	1600	07/15/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	1600	07/15/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	1600	07/15/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	1600	07/15/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	8000	07/15/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	8000	07/15/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	1600	07/15/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	1600	07/15/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	1600	07/15/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	8000	07/15/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	1600	07/15/98	SAC	85-01-8	
Anthracene	ND	ug/kg	1600	07/15/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	1600	07/15/98	SAC	84-74-2	
Fluoranthene	2000	ug/kg	1600	07/15/98	SAC	206-44-0	
Pyrene	12000	ug/kg	1600	07/15/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	1600	07/15/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	3300	07/15/98	SAC	91-94-1	
Benzo(a)anthracene	8500	ug/kg	1600	07/15/98	SAC	56-55-3	
Chrysene	9000	ug/kg	1600	07/15/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	1600	07/15/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	1600	07/15/98	SAC	117-84-0	
Benzo(b)fluoranthene	12000	ug/kg	1600	07/15/98	SAC	205-99-2	
Benzo(k)fluoranthene	6300	ug/kg	1600	07/15/98	SAC	207-08-9	
Benzo(a)pyrene	14000	ug/kg	1600	07/15/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	4700	ug/kg	1600	07/15/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	1600	07/15/98	SAC	53-70-3	
Benzo(g,h,i)perylene	4800	ug/kg	1600	07/15/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	112	%		07/15/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	104	%		07/15/98	SAC	321-60-8	
Terphenyl-d14 (S)	215	%		07/15/98	SAC	1718-51-0	
Phenol-d6 (S)	112	%		07/15/98	SAC	13127-88-3	
2-Fluorophenol (S)	91	%		07/15/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	113	%		07/15/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS TBT
Site Location:

PACE ANALYTICAL Project #: 980708-01
PACE ANALYTICAL WO #: 13543A
Client ID #: 8G001 TBT

Date: 8/14/98

Pace Analytical Service, Inc. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 07/02/98 and received on 07/08/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
CCR Metals (Soil)	2-17
TPH-Speciation (Soil)	18-21
BTEX (Soil)	22-26
List of Abbreviations and Definitions	27

In addition the analysis for 8260, 8270 & 8080 were subcontracted to an outside laboratory with results issued in a separate report.

Reviewed by:
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

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Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980708-01
PACE ANALYTICAL WO#:13543A
Client ID#:6G001 TBT

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB33-2-1	DTB33-2-3	DTB33-1-1	DTB33-1-3	DTB34-2-1	DTB34-2-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	8.6	<5.0	5.3	5.0	<5.0	5.0	5.0	6010
Barium (Ba)	38	7.4	46	120	17	34	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.6	<0.5	<0.5	0.8	<0.5	<0.5	0.5	6010
Chromium (Cr)	18	13	21	21	25	24	0.5	6010
Cobalt (Co)	7.1	2.5	6.0	3.8	4.1	4.5	1.0	6010
Copper (Cu)	67	2.4	14	19	11	24	2.5	6010
Lead (Pb)	90	1.7	95	460	26	17	1.5	6010
Mercury (Hg)*	3.2	0.13	0.24	0.07	0.40	0.43	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	20	10	18	17	17	16	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	13	<5.0	8.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	19	14	24	15	18	17	0.5	6010
Zinc (Zn)	27	9.6	68	380	40	28	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/11/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB49-1-1	DTB49-1-3	DTB34-1-S	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/23/98	07/23/98	07/23/98	07/23/98		
Analyte						
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	12	9.4	9.0	<5.0	5.0	6010
Barium (Ba)	69	70	75	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.7	0.7	0.7	<0.5	0.5	6010
Chromium (Cr)	22	13	19	<0.5	0.5	6010
Cobalt (Co)	7.0	3.7	5.9	<1.0	1.0	6010
Copper (Cu)	91	360	48	<2.5	2.5	6010
Lead (Pb)	320	340	200	<1.5	1.5	6010
Mercury (Hg)*	2.3	0.25	0.92	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	21	14	27	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	10	<5.0	5.3	<5.0	5.0	6010
Vanadium (V)	23	13	19	<0.5	0.5	6010
Zinc (Zn)	330	440	240	<10	10	6010
DF	1	1	1	1		

*Mercury analyzed on 07/11/98.

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		07/23/98		07/23/98	07/23/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	93	70-130	59**	61	60-130	3.3	0-25
Arsenic (As)	6010	92	78-104	75	80	34-135	6.5	0-15
Barium (Ba)	6010	107	81-117	85	106	55-130	22	0-25
Beryllium (Be)	6010	97	70-130	87	96	70-130	9.8	0-25
Cadmium (Cd)	6010	93	75-104	80	85	73-115	6.1	0-15
Chromium (Cr)	6010	98	81-103	93	99	62-125	18	0-15
Cobalt (Co)	6010	98	70-130	79	88	70-130	11	0-25
Copper (Cu)	6010	100	70-130	88	329**	70-140	116**	0-25
Lead (Pb)	6010	93	76-104	57	66	48-120	15	0-30
Mercury (Hg)*	7471	105	76-121	**	**	70-135	1.0	0-30
Molybdenum (Mo)	6010	101	70-130	80	91	70-130	13	0-25
Nickel (Ni)	6010	98	70-130	80	89	70 130	11	0-25
Selenium (Se)	6010	97	79-102	79	84	42-120	6.1	0-16
Silver (Ag)	6010	98	77-107	82	88	53-115	7.1	0-19
Thallium (Tl)	6010	83	70-130	64**	65**	70-130	1.6	0-25
Vanadium (V)	6010	102	70-130	92	99	70-130	19	0-25
Zinc (Zn)	6010	94	70-130	52**	98	70-130	62**	0 25

*Mercury analyzed on 07/11/98.
**Sample matrix effect.

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Pace Analytical

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB34-1-3	DTB35-2-S	DTB35-2-3	DTB35-1-S	DTB36-2-S	DTB36-2-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	12	<5.0	<5.0	5.0	6010
Arsenic (As)	6.6	16	17	29	16	18	5.0	6010
Barium (Ba)	40	180	120	190	180	250	10	6010
Beryllium (Be)	<0.5	<0.5	0.5	<0.5	<0.5	0.5	0.5	6010
Cadmium (Cd)	<0.5	1.8	<0.5	1.6	0.9	0.8	0.5	6010
Chromium (Cr)	26	23	23	26	29	31	0.5	6010
Cobalt (Co)	4.7	15	11	12	15	8.6	1.0	6010
Copper (Cu)	18	170	40	270	140	64	2.5	6010
Lead (Pb)	29	160	35	530	290	120	1.5	6010
Mercury (Hg)*	<0.05	0.25	<0.05	55	4.4	2.4	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	19	49	36	32	42	35	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	9.3	10	11	9.2	9.4	5.0	6010
Vanadium (V)	19	23	23	25	27	32	0.5	6010
Zinc (Zn)	34	240	86	580	260	170	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/11/98.

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PACE ANALYTICAL Project# 980708-01
PACE ANALYTICAL WO#:13543A
Client ID# 8G001 TBT

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB36-1-S	DTB36-1-3	DTB37-2-S	DTB37-2-3	DTB37-1-S	DTB37-1-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	13	5.0	6010
Arsenic (As)	9.0	22	12	12	11	26	5.0	6010
Barium (Ba)	110	130	95	160	69	100	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	1.1	1.0	0.9	0.8	1.1	1.5	0.5	6010
Chromium (Cr)	31	26	26	27	24	40	0.5	6010
Cobalt (Co)	8.9	10	7.3	15	6.9	11	1.0	6010
Copper (Cu)	180	100	94	48	71	180	2.5	6010
Lead (Pb)	520	210	280	140	320	580	1.5	6010
Mercury (Hg)*	1.0	4.7	1.0	<0.05	0.81	17	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	29	32	27	46	24	46	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	9.0	9.8	10	5.2	21	5.0	6010
Vanadium (V)	22	25	23	25	26	35	0.5	6010
Zinc (Zn)	370	300	260	160	240	180	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/11/98.

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PACE ANALYTICAL Project#:980708-01
PACE ANALYTICAL WO# 13543A
Client ID#:8G001 TBT

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB38-1-S	DTB38-1-3	DTB47-2-1	DTB47-2-3	DTB46-1-1	DTB46-1-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	16	20	6.3	<5.0	11	8.0	5.0	6010
Barium (Ba)	89	120	43	21	82	49	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	1.2	0.8	<0.5	<0.5	0.9	<0.5	0.5	6010
Chromium (Cr)	27	29	25	22	21	19	0.5	6010
Cobalt (Co)	5.1	9.6	5.3	4.2	5.7	3.8	1.0	6010
Copper (Cu)	910	130	31	5.5	130	130	2.5	6010
Lead (Pb)	1500	240	340	4.4	330	92	1.5	6010
Mercury (Hg)*	0.63	1.3	0.11	<0.05	0.44	3.2	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	28	34	21	17	28	14	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	5.1	6.6	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	25	24	22	18	21	18	0.5	6010
Zinc (Zn)	430	210	69	15	270	110	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/11/98.

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Pace Analytical

PACE ANALYTICAL Project#:980708-01
PACE ANALYTICAL WO#:13543A
Client ID#:8G001 TBT

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB40-2-1	DTB40-2-3	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/23/98	07/23/98	07/23/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	18	16	<5.0	5.0	6010
Barium (Ba)	260	30	<10	10	6010
Beryllium (Be)	0.7	0.6	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	18	15	<0.5	0.5	6010
Cobalt (Co)	18	20	<1.0	1.0	6010
Copper (Cu)	40	32	<2.5	2.5	6010
Lead (Pb)	20	18	<1.5	1.5	6010
Mercury (Hg)*	0.77	<0.05	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	50	51	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	11	10	<5.0	5.0	6010
Vanadium (V)	25	23	<0.5	0.5	6010
Zinc (Zn)	96	74	<10	10	6010
DF	1	1	1		

*Mercury analyzed on 07/11/98

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Date Analyzed:		07/23/98		07/23/98	07/23/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	89	70-130	69	61	60-130	12	0-25
Arsenic (As)	6010	86	78-104	82	85	34-135	3.6	0-15
Barium (Ba)	6010	96	81-117	96	97	55-130	1.0	0-25
Beryllium (Be)	6010	90	70-130	92	92	70-130	0.0	0-25
Cadmium (Cd)	6010	89	75-104	86	85	73-115	1.2	0-15
Chromium (Cr)	6010	92	81-103	83	92	62-125	10	0-15
Cobalt (Co)	6010	91	70-130	88	85	70-130	3.5	0-25
Copper (Cu)	6010	93	70-130	94	102	70-140	8.2	0-25
Lead (Pb)	6010	89	76-104	82	81	48-120	1.2	0-30
Mercury (Hg)*	7471	108	76-121	105	119	70-135	12	0-30
Molybdenum (Mo)	6010	92	70-130	88	85	70-130	3.5	0-25
Nickel (Ni)	6010	90	70-130	86	90	70-130	4.5	0-25
Selenium (Se)	6010	91	79-102	84	82	42-120	2.4	0-16
Silver (Ag)	6010	92	77-107	87	86	53-115	1.2	0-19
Thallium (Tl)	6010	82	70-130	82	83	70-130	1.2	0-25
Vanadium (V)	6010	93	70-130	87	91	70-130	4.5	0-25
Zinc (Zn)	6010	92	70-130	82	83	70-130	1.2	0-25

*Mercury analyzed on 07/11/98

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PACE ANALYTICAL Project#:980708-01
PACE ANALYTICAL WO#:13543A
Client ID#:8G001 T&T

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB50-1-1	DTB50-1-3	DTB48-1-1	DTB48-1-3	DTB52-2-1	DTB52-2-3		EPA
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	PRL mg/kg	Method
Date Analyzed:	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	8.6	<5.0	<5.0	5.0	6010
Arsenic (As)	17	10	13	23	7.2	12	5.0	6010
Barium (Ba)	96	60	40	200	68	120	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.7	<0.5	<0.5	4.2	<0.5	0.8	0.5	6010
Chromium (Cr)	27	13	3.3	21	19	25	0.5	6010
Cobalt (Co)	7.1	3.6	5.1	8.6	4.9	6.5	1.0	6010
Copper (Cu)	98	100	44	9400	72	600	2.5	6010
Lead (Pb)	160	120	<1.5	1400	180	640	1.5	6010
Mercury (Hg)*	<0.05	0.87	6.6	2.4	0.59	0.54	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	23	15	4.3	62	16	23	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	6.7	<5.0	<5.0	18	<5.0	<5.0	5.0	6010
Vanadium (V)	27	17	32	30	16	21	0.5	6010
Zinc (Zn)	180	160	23	2100	150	860	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/11/98.

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Pace Analytical

PACE ANALYTICAL Project# 980708 01
PACE ANALYTICAL WO#:13543A
Client ID#:8G001 TBT

Analyst:
Preparation Analyst:
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	DTB52-1-1	DTB52-1-3	DTB51-2-1	DTB51-2-3	DTB50-2-1	DTB50-2-3	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98		
Analyte								
Antimony (Sb)	7.4	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	41	7.4	<5.0	55	14	16	5.0	6010
Barium (Ba)	160	42	170	180	81	30	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	4.0	<0.5	<0.5	<0.5	0.8	0.6	0.5	6010
Chromium (Cr)	22	31	37	35	21	31	0.5	6010
Cobalt (Co)	7.2	5.7	14	24	6.0	6.8	1.0	6010
Copper (Cu)	3,400	38	270	8,900	120	34	2.5	6010
Lead (Pb)	2,000	91	210	490	300	50	1.5	6010
Mercury (Hg)*	0.54	1.6	0.09	1.9	0.94	0.86	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	33	23	29	53	21	31	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	12	<5.0	<5.0	<5.0	5.2	<5.0	5.0	6010
Vanadium (V)	27	24	48	79	21	25	0.5	6010
Zinc (Zn)	3,600	87	180	710	290	120	10	6010
DF	1	1	10	10	1	1		

*Mercury analyzed on 07/11/98

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Pace Analytical

PACE ANALYTICAL Project# 980708-01
PACE ANALYTICAL WO#:13543A
Client ID#:8G001 TBT

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		07/23/98		07/23/98	07/23/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	88	70-130	58**	59**	60-130	1.7	0-25
Arsenic (As)	6010	89	78-104	89	90	34-135	1.1	0-15
Barium (Ba)	6010	97	81-117	91	96	55-130	5.3	0-25
Beryllium (Be)	6010	90	70-130	89	91	70-130	2.2	0-25
Cadmium (Cd)	6010	84	75-104	82	83	73-116	1.2	0-15
Chromium (Cr)	6010	92	81-103	96	100	62-125	4.1	0-15
Cobalt (Co)	6010	89	70-130	82	84	70-130	2.4	0-25
Copper (Cu)	6010	91	70-130	21**	15**	70-140	33	0-25
Lead (Pb)	6010	86	76-104	72	74	48-120	2.7	0-30
Mercury (Hg)*	7471	108	78-121	105	119	70-135	12	0-30
Molybdenum (Mo)	6010	92	70-130	82	85	70-130	3.8	0-25
Nickel (Ni)	6010	90	70-130	88	92	70-130	4.4	0-25
Selenium (Se)	6010	89	79-102	81	83	42-120	2.4	0-16
Silver (Ag)	6010	88	77-107	84	85	53-115	1.2	0-19
Thallium (Tl)	6010	94	70-130	89	92	70-130	3.3	0-25
Vanadium (V)	6010	93	70-130	94	97	70-130	3.1	0-25
Zinc (Zn)	6010	92	70-130	68**	69**	70-130	1.5	0-25

*Mercury analyzed on 07/11/98.
**Sample matrix effect.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	OTB51-1-1	OTB51-1-3	T12-2-1	T12-2-3	T12-2-5	T12-2-10	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98	07/23/98		
Analyte								
Antimony (Sb)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	13	9.0	8.9	8.7	7.1	7.6	5.0	6010
Barium (Ba)	83	71	110	100	58	58	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	37	32	31	35	36	33	0.5	6010
Cobalt (Co)	9.3	9.0	8.8	16	7.9	10	1.0	6010
Copper (Cu)	37	10	14	38	6.8	8.8	2.5	6010
Lead (Pb)	54	3.6	42	47	3.3	4.8	1.5	6010
Mercury (Hg)*	0.86	0.70	<0.05	0.07	<0.05	<0.05	0.05	74/1
Molybdenum (Mo)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	25	20	26	33	18	23	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	34	31	30	38	32	30	0.5	6010
Zinc (Zn)	100	23	45	53	17	19	10	6010
DF	1	1	1	1	1	1		

*Mercury analyzed on 07/11/98.

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Pace Analytical

Analyst: SC
Preparation Analyst: HV
Preparation Method: EPA3010
Matrix: Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	D23-S	D23-2	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/23/98	07/23/98	07/23/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	5.1	6.0	<5.0	5.0	6010
Barium (Ba)	29	34	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	<0.5	<0.5	<0.5	0.5	6010
Chromium (Cr)	30	27	<0.5	0.5	6010
Cobalt (Co)	4.7	5.0	<1.0	1.0	6010
Copper (Cu)	7.7	4.5	<2.5	2.5	6010
Lead (Pb)	27	3.5	<1.5	1.5	6010
Mercury (Hg)*	<0.05	0.64	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	19	20	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	24	22	<0.5	0.5	6010
Zinc (Zn)	47	40	<10	10	6010
DF	1	1	1		

*Mercury analyzed on 07/11/98

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		07/23/98		07/23/98	07/23/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	90	70-130	58**	59**	60-130	1.7	0-25
Arsenic (As)	6010	89	78-104	89	90	34-135	1.1	0-15
Barium (Ba)	6010	94	81-117	91	96	55-130	5.3	0-25
Beryllium (Be)	6010	87	70-130	89	91	70-130	2.2	0-25
Cadmium (Cd)	6010	87	75-104	82	83	73-115	1.2	0-15
Chromium (Cr)	6010	90	81-103	96	100	62-125	4.1	0-15
Cobalt (Co)	6010	88	70-130	82	84	70-130	2.4	0-25
Copper (Cu)	6010	95	70-130	21**	15**	70-140	33	0-25
Lead (Pb)	6010	88	76-104	72	74	48-120	2.7	0-30
Mercury (Hg)	7471	119	76-121	102	132	70-135	26	0-30
Molybdenum (Mo)	6010	89	70-130	82	85	70-130	3.6	0-25
Nickel (Ni)	6010	88	70-130	88	92	70-130	4.4	0-25
Selenium (Se)	6010	90	79-102	81	83	42-120	2.4	0-16
Silver (Ag)	6010	89	77-107	84	85	53-115	1.2	0-19
Thallium (Tl)	6010	92	70-130	89	92	70-130	3.3	0-25
Vanadium (V)	6010	90	70-130	94	97	70-130	3.1	0-25
Zinc (Zn)	6010	92	70-130	68**	69**	70-130	1.9	0-25

*Mercury analyzed on 07/11/98
**Sample matrix effect.

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PACE ANALYTICAL Project#:080708-01
PACE ANALYTICAL WO#:13543A
Client ID#:BG001 181

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

Client ID:	T23-1-S	T23-1-2	Method Blank	PRL	EPA Method
Units:	mg/kg	mg/kg	mg/kg	mg/kg	
Date Analyzed:	07/23/98	07/23/98	07/23/98		
Analyte					
Antimony (Sb)	<5.0	<5.0	<5.0	5.0	6010
Arsenic (As)	7.9	8.0	<5.0	5.0	6010
Barium (Ba)	110	120	<10	10	6010
Beryllium (Be)	<0.5	<0.5	<0.5	0.5	6010
Cadmium (Cd)	0.5	0.5	<0.5	0.5	6010
Chromium (Cr)	19	17	<0.5	0.5	6010
Cobalt (Co)	8.4	11	<1.0	1.0	6010
Copper (Cu)	33	27	<2.5	2.5	6010
Lead (Pb)	200	200	<1.5	1.5	6010
Mercury (Hg)*	0.09	0.08	<0.05	0.05	7471
Molybdenum (Mo)	<2.5	<2.5	<2.5	2.5	6010
Nickel (Ni)	24	23	<1.0	1.0	6010
Selenium (Se)	<2.5	<2.5	<2.5	2.5	6010
Silver (Ag)	<0.5	<0.5	<0.5	0.5	6010
Thallium (Tl)	<5.0	<5.0	<5.0	5.0	6010
Vanadium (V)	24	26	<0.5	0.5	6010
Zinc (Zn)	100	87	<10	10	6010
DF	1	1	1		

*Mercury analyzed on 07/11/98

REPORT OF LABORATORY ANALYSIS

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	HV
Preparation Method:	EPA3010
Matrix:	Soil

ANALYSIS OF CCR TITLE 22/26 TTLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Date Analyzed:		07/23/98		07/23/98	07/23/98			
Analyte	**EPA Method**							
Antimony (Sb)	6010	94	70-130	53**	58**	60-130	9.0	0-25
Arsenic (As)	6010	90	78-104	93	90	34-135	3.3	0-15
Barium (Ba)	6010	99	81-117	97	100	55-130	3.0	0-25
Beryllium (Be)	6010	91	70-130	96	94	70-130	2.1	0-25
Cadmium (Cd)	6010	85	75-104	87	84	73-115	3.5	0-15
Chromium (Cr)	6010	93	81-103	100	91	62-125	9.4	0-15
Cobalt (Co)	6010	90	70-130	90	85	70-130	5.7	0-25
Copper (Cu)	6010	92	70-130	82	78	70-140	5.0	0-25
Lead (Pb)	6010	88	76-104	82	78	48-120	5.0	0-30
Mercury (Hg)*	7471	119	76-121	102	132	70-135	26	0-30
Molybdenum (Mo)	6010	92	70-130	89	87	70-130	2.3	0-25
Nickel (Ni)	6010	90	70-130	97	80	70-130	12	0-25
Selenium (Se)	6010	91	79-102	85	80	42-120	6.1	0-15
Silver (Ag)	6010	88	77-107	87	87	53-115	0.0	0-19
Thallium (Tl)	6010	96	70-130	100	96	70-130	4.0	0-25
Vanadium (V)	6010	94	70-130	104	94	70-130	10	0-25
Zinc (Zn)	6010	98	70-130	79	78	70-130	1.3	0-25

*Mercury analyzed on 07/11/98
**Sample matrix effect.

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Analyst: AN/WK
Preparation Analyst: AN/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	07/11/98	<10	---	10	1
T23-1-S	07/11/98	240	C20-C40 Oil	10	1
T23-1-2.0	07/11/98	100	C20-C40 Oil	10	1
-2-					
DTB33-3.0	07/12/98	<10	---	10	1
DTB35-2-3.0	07/12/98	<10	---	10	1
DTB40-2-3.0	07/12/98	<10	---	10	1
DTB51-1-3.0	07/12/98	<10	---	10	1
T12-2-3.0	07/12/98	<10	---	10	1
T12-2-5.0	07/12/98	<10	---	10	1
DTB34-2-1.0	07/12/98	<10	---	10	1
DTB34-2-3.0	07/12/98	<10	---	10	1
DTB34-1-S	07/12/98	<10	---	10	1
DTB34-1-3.0	07/12/98	<10	---	10	1
DTB40-2-1.0	07/12/98	<10	---	10	1
DTB48-1-1.0	07/12/98	<10	---	10	1
DTB52-1-3.0	07/12/98	<10	---	10	1
DTB48-1-3.0	07/12/98	20	C20-C36 Oil	10	1
DTB37-1-3.0	07/12/98	30	C20-C36 Oil	10	1
DTB38-1-3.0	07/12/98	<10	---	10	1
DTB51-1-1.0	07/12/98	<10	---	10	1
DTB52-2-1.0	07/12/98	20	C20-C36 Oil	10	1
T12-2-1.0	07/12/98	<10	---	10	1
D23-S	07/12/98	30	C20-C36 Oil	10	1
DTB47-2-3	07/16/98	<10	---	10	1
DTB33-1-1	07/16/98	110	C18-C40 Oil	10	1
DTB33-1-3	07/16/98	90	C18-C40 Oil	10	1
DTB49-1-1	07/16/98	50	C20-C36 Oil	10	1
DTB49-1-3	07/16/98	60	C20-C36 Oil	10	1

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: AN/WK
Preparation Analyst: AN/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	LCSD % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/11/98	07/11/98			
TPH-Speciation	91	110	70-130	19	0-30

	LCS Spike % REC	LCSD Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/12/98	07/12/98			
TPH-Speciation	80	87	70-130	8.4	0-30

	LCS Spike % REC	LCSD Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/16/98	07/16/98			
TPH-Speciation	96	88	70-130	8.7	0-30

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Pace Analytical

PACE ANALYTICAL Project#:980708-01
PACE ANALYTICAL WO#:13540A
Client ID#:8G001 TBT

Analyst: AN/WK
Preparation Analyst: AN/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

Units:		TPH Speciation mg/Kg	Carbon Range	PRL mg/Kg	DF
Client ID:	Analysis Date				
Method Blank	07/17/98	<10	—	10	1
DTB33-2-1.0	07/17/98	30	C20-C36 Oil	10	1
DTB46-1-1.0	07/17/98	1600	C10-C40 Oil	10	1
DTB46-1-3.0	07/17/98	220	C14-C40 Oil	10	1
DTB47-2-1.0	07/17/98	620	C14-C40 Oil	10	1
DTB37-2-3.0	07/17/98	<10	---	10	1
DTB51-2-1	07/17/98	40	C16-C36 Oil	10	1
DTB51-2-3.0	07/17/98	90	C16-C40 Oil	10	1
DTB35-2-S	07/17/98	170	C20-C40 Oil	10	1
T12-2-10	07/17/98	70	C20-C40 Oil	10	1
DTB36-1-3.0	07/17/98	40	C20-C36 Oil	10	1
DTB37-2-S	07/17/98	80	C20-C36 Oil	10	1
DTB35-1-S	07/17/98	170	C18-C40 Oil	10	1
DTB36-2-S	07/17/98	200	C18 C40 Oil	10	1
DTB36-2-3.0	07/17/98	210	C18-C40 Oil	10	1
D23-2.0	07/17/98	<10	---	10	1
DTB50-1-3.0	07/17/98	160	C18-C40 Oil	10	1
DTB50-1-1.0	07/17/98	510	C10-C40 Oil	10	1
DTB36-1-S	07/17/98	210	C18-C40 Oil	10	1
DTB37-1-S	07/17/98	400	C18-C40 Oil	10	1
DTB38-1-S	07/17/98	120	C18-C40 Oil	10	1
DTB50-2-1.0	07/17/98	360	C12-C40 Oil	10	1
DTB50-2-3.0	07/17/98	650	C10-C40 Oil	10	1
DTB52-1-1.0	07/17/98	140	C14-C40 Oil	10	1
DTB52-2-3.0	07/17/98	130	C14-C40 Oil	10	1

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PACE ANALYTICAL Project#:980708-01
PACE ANALYTICAL WO#:13543A
Client ID# 8G001 TBT

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: AN/WK
Preparation Analyst: AN/WK

Matrix: Soil

ANALYSIS OF TOTAL PETROLEUM HYDROCARBONS - SPECIATION
EPA 8015 MODIFIED

	LCS % REC	LCSD % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/17/98	07/17/98			
TPH-Speciation	102	92	70-130	10	0-30

	LCS % REC	LCSD % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/17/98	07/17/98			
TPH-Speciation	79	93	70-130	16	0-30

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Pace Analytical

PACE ANALYTICAL Project#:980708-01
PACE ANALYTICAL WO# 13543A
Client ID# BG001 TBT

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	DTB33-2-1	DTB33-2-3	DTB34-2-1	DTB34-2-3	DTB35-2-S	DTB35-2-3.0	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	07/08/98	07/08/98	07/08/98	07/08/98	07/08/98	07/08/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	87	93	90	90	84	90	59-134

Client ID:	DTB36-1-S	DTB36-1-3.0	DTB37-1-S	DTB37-1-3.0	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	07/08/98	07/08/98	07/08/98	07/08/98	07/08/98	
Analyte						
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	
Surrogate Recovery %:						Acceptable Range:
a,a,a-Trifluorotoluene	83	83	86	84	93	59-134

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Tel. 562-498-9515
Fax: 562-597-0786

Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/08/98	07/08/98			
Analyte					
Benzene	89	82	72-115	8.2	0-26
Toluene	91	85	70-114	6.9	0-22
Ethylbenzene	92	86	68-119	6.7	0-24
Total Xylenes	92	86	74-117	6.7	0-22

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Long Beach, CA 90815
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Pace Analytical

PACE ANALYTICAL Project#:980706-01
PACE ANALYTICAL WO#:13543A
Client ID#:6G001 TBT

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	DTB38-1-S	DTB38-1-3.0	DTB46-1-1	DTB46-1-3	DTB50-1-0	DTB50-1-3	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	07/09/98	07/09/98	07/09/98	07/09/98	07/09/98	07/09/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	90	92	93	94	90	92	59-134

Client ID:	DTB48-1-1	DTB48-1-3	DTB52-1-1	DTB52-1-3	DTB51-1-1	DTB51-1-3	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	PRL µg/kg
Analysis Date:	07/09/98	07/09/98	07/09/98	07/09/98	07/09/98	07/09/98	
Analyte							
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	1	
Surrogate Recovery %:							Acceptable Range:
a,a,a-Trifluorotoluene	92	87	87	92	87	88	59-134

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 980708-01
PACE ANALYTICAL WO#:13543A
Client ID#:6C001 TBT

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

Client ID:	D23-S	D23-2.0	T23-1-S	T23-1-2.0	Method Blank	PRL
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Analysis Date:	07/09/98	07/09/98	07/09/98	07/09/98	07/09/98	
Analyte						
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Total Xylenes	<15	<15	<15	<15	<15	15
DF	1	1	1	1	1	
Surrogate Recovery %:						**Acceptable Range:**
a,a,a-Trifluorotoluene	88	90	85	88	80	59-134

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN

Preparation Method: 5030
Matrix: Soil

ANALYSIS OF VOLATILE ORGANICS BY GAS CHROMATOGRAPHY/PID
BTEX BY EPA METHOD 8020

	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/09/98	07/09/98			
Analyte					
Benzene	92	90	72-115	2.2	0-26
Toluene	92	90	70-114	2.2	0-22
Ethylbenzene	93	91	68-119	2.2	0-24
Total Xylenes	94	92	74-117	2.2	0-22

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Long Beach, CA 90815
Tel: 562-498-9515
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Pace Analytical

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interferences and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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980708-01

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference #: 86001 TBT		Pace Project No.
	Project Name / No.: CALTRANS TBT		*Requested Due Date: 7/22/98

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT Date Sampled: 7/2/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5 (5)	CAM 17 (52)	8020 (2)	8260 (25)	8270 (25)	8080 (16)	REMARKS
1	DTB33-2-1	0910	SOIL		1						X	X	X		X		
2	DTB33-2-3	0915			1						X	X	X		X		
3	DTB33-1-1	0910			1						X	X		X			
4	DTB33-1-3	0915			1						X	X		X			
5	DTB34-2-1	0905			1						X	X	X		X		
6	DTB34-2-3	0905			1						X	X	X		X		
7	DTB49-1-1	0740			1						X	X		X			
8	DTB49-1-3	0745			1						X	X		X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
FedEx			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	7/7/98	1100	FED EX	7/7/98	
				Hmeglam/Pace	7/8/98	900

SAMPLE CONDITION

Temp: 6.0 °C	Received on Ice: (Y) N	Sealed Cooler: (Y) N	Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date:

Sampler Signature: CHRIS MERRITT Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	TPH-5	8020	8260	8270	8015	REMARKS
1	DTB 34-1-5	0829	Soil						1		X	X		X		X	
2	DTB 34-1-3.0	0836									X	X		X		X	
3	DTB 35-2-5	0806									X	X	X	X	X		
4	DTB 35-2-3.0	0816									X	X	X		X		
5	DTB35-1-5	0800									X	X		X			
6	DTB 36-2-5	0747									X	X		X			
7	DTB36-2-3.0	0754									X	X		X			
8	DTB36-1-5	0732									X	X	X		X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	7/1/98	1100	FED EX	7/1/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
	Project Name / No.: CALTRANS TBT		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature / Date Sampled: CHRIS MERRITT 7/2/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH/5	8020	8260	8270	8040	CAM 17	REMARKS
1	DTB36-1-3.0	0741	SOIL		1						X	X		X	X	X	
2	DTB37-2-5	0716			1						X		X			X	
3	DTB37-2-3.0	0721			1						X		X			X	
4	DTB37-1-5	0702 ~~0647~~			1						X	X		X		X	
5	DTB37-1-3.0	0708			1						X	X		X		X	
6	DTB38-1-5	0647			1						X	X		X	X	X	
7	DTB38-1-3.0	0659			1						X	X		X	X	X	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	7/1/98	1100	FED EX	7/1/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001-TBT		Pace Project No.
	Project Name / No: CALTRANS TBT		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 7/2/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	TPH-5	8020	8260	8270	8080	REMARKS
1	DTB47-2-1	0815	SOIL		1						X	X		X			
2	DTB47-2-3	0820			1						X	X		X			
3	DTB46-1-1	0800			1						X	X	X		X		
4	DTB46-1-3	0805			1						X	X	X		X		
5	DTB40-2-1	0825			1						X	X		X		X	
6	DTB40-2-3	0830			1						X	X		X		X	
7	DTB50-1-1	0720			1						X	X	X		X		
8	DTB50-1-3	0725			1						X	X	X		X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	7/7/98	1100	FED EX	7/8/98	

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date:
Sampler Signature: CHRIS MERRITT	Date Sampled: 7/2/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	TPH-5	8020	8260	8270	4080	REMARKS
1	DTB48-1-1	0750	SOIL		1						X	X	X		X		
2	DTB48-1-3	0755			1						X	X	X		X		
3	DTB52-2-1	0630			1						X	X		X			
4	DTB52-2-3	0640			1						X	X		X			
5	DTB52-1-1	0710			1						X	X	X		X	X	
6	DTB52-1-3	0715			1						X	X	X		X	X	
7	DTB51-2-1	0645			1						X	X		X			
8	DTB51-2-3	0650			1						X	X		X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	7/1/98	1100	FED EX	7/2/98	

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 66001 TBT		Pace Project No.
	Project Name / No.: CALTRANS TBT		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT SCOTT BOWERS

Sampler Signature: CHRIS MERRITT

Date Sampled: 7/2/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	TPH-5	8020	8260	8270	8080	REMARKS
1	DTB50-2-1	0730	S		1						X	X		X			
2	DTB50-2-3	0735			1						X	X		X			
3	DTB51-1-1	0655			1						X	X	X		X		
4	DTB51-1-3	0700			1						X	X	X		X		
5	T12-2-1	0950			1						X	X		X		X	
6	T12-2-3	0955			1						X	X		X		X	
7	T12-2-5	1000			1						X	X		X		X	
8	T12-2-10	1005	V		1						X	X		X		X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	7/2/98	1100	FED EX	7/2/98	

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8.97

Pace Analytical

980708-01

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE. HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 46001 TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date:
Sampler Signature: CHRIS MERRITT	Date Sampled: 7/2/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH		ANALYSES REQUEST: TPH-5	(Am17	8020	4260	8270	8060					REMARKS
1	D23-5	1045	SOIL		1							X	X	X		X						
2	D23-2.0	1049			1							X	X	X		X						
3	T23-1-5	1056			1							X	X	X		X	X					
4	T23-1-2.0	1058			1							X	X	X		X	X					
5																						
6																						
7																						
8																						

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	7/1/98	1100	FED EX	7/7/98	

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Advanced Technology Laboratories

July 21, 1998 ELAP No.: 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Lab No. 27413-001/051

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Cheryl De Los Reyes
Technical Operations Manager
CDR/ms

Enclosures

This cover letter is an integral part of this analytical report

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this laboratory's name for advertising or publicity purposes without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989 4045 Fax: 562 989 4040

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	Method Blank		27413-003		27413-004		27413-007		27413-008	
Client Sample I.D.:	--		DTB 33-1-1		DTB 33-1-3		DTB 49-1-1		DTB 49-1-3	
Date Sampled:	--		07/02/98		07/02/98		07/02/98		07/02/98	
QC Batch #:	P98VOCS130		P98VOCS130		P98VOCS130		P98VOCS130		P98VOCS130	
Date Analyzed:	07/13/98		07/13/98		07/13/98		07/13/98		07/13/98	
Analyst Initials:	EM		EM		EM		EM		EM	
Dilution Factor:	1		1		1		1		1	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Result	DLR	Results
Benzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromodichloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromoform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
sec-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
tert-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Carbon tetrachloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
4-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromochloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dibromo-3-chloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2-Dibromoethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,4-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dichlorodifluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
cis-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	Method Blank			27413-003		27413-004		27413-007		27413-008	
Client Sample I.D.:	--			DTB 33-1-1		DTB 33-1-3		DTB 49-1-1		DTB 49-1-3	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Result	DLR	Results
trans-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloropropene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Ethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Hexachlorobutadiene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Isopropylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
p-Isopropyltoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Methylene Chloride	15	15	ND	15	ND	15	ND	15	ND	15	ND
Naphthalene	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Propylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Styrene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Tetrachloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Toluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,4-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichlorofluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2,4-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3,5-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Vinyl Chloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Xylenes (Total)	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL - Method Detection Limit
ND = Not Detected (Below DLR).
DLR MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 7/21/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	27413-009			27413-010		27413-013		27413-014		27413-015	
Client Sample I.D.:	DTB 34-1-S			DTB 34-1-3.0		DTB 35-1-S		DTB 36-2-S		DTB 36-2-3.0	
Date Sampled:	07/02/98			07/02/98		07/02/98		07/02/98		07/02/98	
QC Batch #:	P98VOCS130			P98VOCS130		P98VOCS130		P98VOCS130		P98VOCS130	
Date Analyzed:	07/13/98			07/13/98		07/13/98		07/14/98		07/14/98	
Analyst Initials:	EM			EM		EM		EM		EM	
Dilution Factor:	1			1		1		1		1	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Result	DLR	Results
Benzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromodichloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromoform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
sec-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
tert-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Carbon tetrachloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
4-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromochloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dibromo-3-chloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2-Dibromoethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,4-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dichlorodifluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
cis-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:		27413-009		27413-010		27413-013		27413-014		27413-015	
Client Sample I.D.:		DTB 34-1-S		DTB 34-1-3.0		DTB 35-1-S		DTB 36-2-S		DTB 36-2-3.0	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Result	DLR	Results
trans-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloropropene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Ethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Hexachlorobutadiene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Isopropylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
p-Isopropyltoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Methylene Chloride	15	15	ND	15	ND	15	ND	15	ND	15	ND
Naphthalene	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Propylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Styrene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Tetrachloroethene	5	5	7.0	5	ND	5	ND	5	ND	5	ND
Toluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,4-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichlorofluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2,4-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3,5-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Vinyl Chloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Xylenes (Total)	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 7/21/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	27413-018			27413-018D		LCS					
Client Sample I.D.:	DTB 37-2-S			DTB 37-2-S		—					
Date Sampled:	07/02/98			07/02/98		---					
QC Batch #:	P98VOCS130			P98VOCS130		P98VOCS130					
Date Analyzed:	07/14/98			07/14/98		07/13/98					
Analyst Initials:	EM			EM		EM					
Dilution Factor:	1			1		1					
ANALYTE	MDL	DLR	Results	DLR	Results	LIMITS	%REC	DLR	Result	DLR	Results
Benzene	5	5	ND	5	ND	21-175	92				
Bromobenzene	5	5	ND	5	ND	21-175	100				
Bromodichloromethane	5	5	ND	5	ND	21-175	97				
Bromoform	5	5	ND	5	ND	21-175	110				
Bromomethane	5	5	ND	5	ND	21-175	89				
n-Butylbenzene	5	5	ND	5	ND	21-175	94				
sec-Butylbenzene	5	5	ND	5	ND	21-175	92				
tert-Butylbenzene	5	5	ND	5	ND	21-175	93				
Carbon tetrachloride	5	5	ND	5	ND	21-175	92				
Chlorobenzene	5	5	ND	5	ND	21-175	92				
Chloroethane	5	5	ND	5	ND	21-175	83				
Chloroform	5	5	ND	5	ND	21-175	92				
Chloromethane	5	5	ND	5	ND	21-175	84				
2-Chlorotoluene	5	5	ND	5	ND	21-175	97				
4-Chlorotoluene	5	5	ND	5	ND	21-175	97				
Dibromochloromethane	5	5	ND	5	ND	21-175	99				
1,2-Dibromo-3-chloropropane	10	10	ND	10	ND	21-175	110				
1,2-Dibromoethane	5	5	ND	5	ND	21-175	100				
Dibromomethane	5	5	ND	5	ND	21-175	98				
1,2-Dichlorobenzene	5	5	ND	5	ND	21-175	95				
1,3-Dichlorobenzene	5	5	ND	5	ND	21-175	97				
1,4-Dichlorobenzene	5	5	ND	5	ND	21-175	97				
Dichlorodifluoromethane	5	5	ND	5	ND	21-175	81				
1,1-Dichloroethane	5	5	ND	5	ND	21-175	92				
1,2-Dichloroethane	5	5	ND	5	ND	21-175	97				
1,1-Dichloroethene	5	5	ND	5	ND	21-175	76				
cis-1,2-Dichloroethene	5	5	ND	5	ND	21-175	94				

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:		27413-018		27413-018D		LCS					
Client Sample I.D.:		DTB 37-2-S		DTB 37-2-S		---					
ANALYTE	MDL	DLR	Results	DLR	Results	LIMIT	%RE	DLR	Result	DLR	Results
trans-1,2-Dichloroethene	5	5	ND	5	ND	21-175	94				
1,2-Dichloropropane	5	5	ND	5	ND	21-175	94				
1,3-Dichloropropane	5	5	ND	5	ND	21-175	100				
2,2-Dichloropropane	5	5	ND	5	ND	21-175	91				
1,1-Dichloropropene	5	5	ND	5	ND	21-175	93				
Ethylbenzene	5	5	ND	5	ND	21-175	92				
Hexachlorobutadiene	5	5	ND	5	ND	21-175	89				
Isopropylbenzene	5	5	ND	5	ND	21-175	97				
p-Isopropyltoluene	5	5	ND	5	ND	21-175	93				
Methylene Chloride	15	15	ND	15	ND	21-175	94				
Naphthalene	5	5	ND	5	ND	21-175	106				
n-Propylbenzene	5	5	ND	5	ND	21-175	97				
Styrene	5	5	ND	5	ND	21-175	94				
1,1,1,2-Tetrachloroethane	5	5	ND	5	ND	21-175	95				
1,1,2,2-Tetrachloroethane	5	5	ND	5	ND	21-175	105				
Tetrachloroethene	5	5	ND	5	ND	21-175	95				
Toluene	5	5	ND	5	ND	21-175	89				
1,2,3-Trichlorobenzene	5	5	ND	5	ND	21-175	99				
1,2,4-Trichlorobenzene	5	5	ND	5	ND	21-175	95				
1,1,1-Trichloroethane	5	5	ND	5	ND	21-175	89				
1,1,2-Trichloroethane	5	5	ND	5	ND	21-175	97				
Trichloroethene	5	5	ND	5	ND	21-175	92				
Trichlorofluoromethane	5	5	ND	5	ND	21-175	81				
1,2,3-Trichloropropane	10	10	ND	10	ND	21-175	102				
1,2,4-Trimethylbenzene	5	5	ND	5	ND	21-175	95				
1,3,5-Trimethylbenzene	5	5	ND	5	ND	21-175	96				
Vinyl Chloride	5	5	ND	5	ND	21-175	83				
Xylenes (Total)	5	5	18	5	11	21-175	92				

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 7/24/98

Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:		LCS	
Client Sample I.D.:		—	
ANALYTE	MDL	%Rec.	Limits
Acenaphthene	330	79	11-182
2,4-Dinitrophenol	1700	55	11-182
Dibenzofuran	330	88	11-182
4-Nitrophenol	1700	97	11-182
2,4-Dinitrotoluene	330	100	11-182
Fluorene	330	82	11-182
Diethylphthalate	330	88	11-182
4-Chlorophenyl-phenyl ether	330	85	11-182
4-Nitroaniline	1700	73	11-182
4,6-Dinitro-2-methylphenol	1700	82	11-182
n-Nitrosodiphenylamine	330	45	11-182
4-Bromophenyl-phenyl ether	330	82	11-182
Hexachlorobenzene	330	91	11-182
Pentachlorophenol	1700	64	11-182
Phenanthrene	330	79	11-182
Anthracene	330	79	11-182
Di-n-butylphthalate	330	79	11-182
Fluoranthene	330	79	11-182
Pyrene	330	76	11-182
Butylbenzylphthalate	330	85	11-182
Benzo[a]anthracene	330	85	11-182
3,3'-Dichlorobenzidine	660	76	11-182
Chrysene	330	82	11-182
bis(2-Ethylhexyl)phthalate	330	79	11-182
Di-n-octylphthalate	330	82	11-182
Benzo[b]fluoranthene	330	82	11-182
Benzo[k]fluoranthene	330	94	11-182
Benzo[a]pyrene	330	91	11-182
Indeno[1,2,3-cd]pyrene	330	91	11-182
Dibenz[a,h,]anthracene	330	100	11-182
Benzo[g,h,i]perylene	330	85	11-182

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed

Approved/Reviewed By: _____ Date: 7/22/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:	Method Blank	27413-042	27413-043	27413-043D	27413-048	27413-049
Client Sample I.D.:	--	DTB 51-1-1	DTB 51-1-3	DTB 51-1-3	D23-S	D23-2.0
Date Sampled:	--	07/02/98	07/02/98	07/02/98	07/02/98	07/02/98
QC Batch #:	R988270S169	R988270S169	R988270S169	R988270S169	R988270S169	R988270S169
Date Extracted:	07/12/98	07/12/98	07/12/98	07/12/98	07/12/98	07/12/98
Date Analyzed:	07/16/98	07/16/98	07/16/98	07/16/98	07/16/98	07/16/98
Analyst Initials:	SC	SC	SC	SC	SC	SC
Dilution Factor:	1	4	1	1	1	1

ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Phenol	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
bis (2-Chloroethyl)ether	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
2-Chlorophenol	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
1,3-Dichlorobenzene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
1,4-Dichlorobenzene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Benzyl Alcohol	660	660	ND	2600	ND	660	ND	660	ND	660	ND	660	ND
1,2-Dichlorobenzene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
2-Methylphenol	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
bis(2-chloroisopropyl)ether	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
n-Nitroso-di-n-propylamine	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
4-Methylphenol	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Hexachloroethane	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Nitrobenzene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Isophorone	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
2-Nitrophenol	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
2,4-Dimethylphenol	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
bis(2-Chloroethoxy)methane	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
2,4-Dichlorophenol	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Benzoic Acid	1700	1700	ND	6800	ND	1700	ND	1700	ND	1700	ND	1700	ND
1,2,4-Trichlorobenzene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Naphthalene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
4-Chloroaniline	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Hexachlorobutadiene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
4-Chloro-3-methylphenol	660	660	ND	2600	ND	660	ND	660	ND	660	ND	660	ND
2-Methylnaphthalene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Hexachlorocyclopentadiene	660	660	ND	2600	ND	660	ND	660	ND	660	ND	660	ND
2,4,6-Trichlorophenol	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
2,4,5-Trichlorophenol	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
2-Chloronaphthalene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
2-Nitroaniline	1700	1700	ND	6800	ND	1700	ND	1700	ND	1700	ND	1700	ND
Dimethylphthalate	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Acenaphthylene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
2,6-Dinitrotoluene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
3-Nitroaniline	1700	1700	ND	6800	ND	1700	ND	1700	ND	1700	ND	1700	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed
The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:		Method Blank		27413-019		27413-024		27413-025		27413-028	
Client Sample I.D.:		--		DTB 37-2-3.0		DTB 47-2-1		DTB 47-2-3		DTB 40-2-1	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Result	DLR	Results
trans-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloropropene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Ethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Hexachlorobutadiene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Isopropylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
p-Isopropyltoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Methylene Chloride	15	15	ND	15	ND	15	ND	15	ND	15	18
Naphthalene	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Propylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Styrene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Tetrachloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Toluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,4-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichlorofluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2,4-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3,5-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Vinyl Chloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Xylenes (Total)	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 7/21/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	27413-029		27413-034		27413-035		27413-038		27413-039	
Client Sample I.D.:	DTB 40-2-3		DTB 52-2-1		DTB 52-2-3		DDTB 51-2-1		DTB 51-2-3	
Date Sampled:	07/02/98		07/02/98		07/02/98		07/02/98		07/02/98	
QC Batch #:	P98VOCS130		P98VOCS130		P98VOCS130		P98VOCS130		P98VOCS130	
Date Analyzed:	07/14/98		07/14/98		07/14/98		07/14/98		07/14/98	
Analyst Initials:	EM		EM		EM		EM		EM	
Dilution Factor:	1		1		1		1		1	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Result	DLR	Results
Benzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromodichloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromoform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
sec-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
tert-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Carbon tetrachloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
4-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromochloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dibromo-3-chloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2-Dibromoethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,4-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dichlorodifluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
cis-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:		27413-029		27413-034		27413-035		27413-038		27413-039	
Client Sample I.D.:		DTB 40-2-3		DTB 52-2-1		DTB 52-2-3		DDTB 51-2-1		DTB 51-2-3	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Result	DLR	Results
trans-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloropropene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Ethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Hexachlorobutadiene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Isopropylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
p-Isopropyltoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Methylene Chloride	15	15	20	15	ND	15	ND	15	ND	15	ND
Naphthalene	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Propylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Styrene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Tetrachloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Toluene	5	5	ND	5	ND	5	ND	5	ND	5	8.6
1,2,3-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,4-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichlorofluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2,4-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3,5-Trimethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Vinyl Chloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Xylenes (Total)	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 7/21/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	27413-040		27413-40D		LCS					
Client Sample I.D.:	DTB 50-2-1		DTB 50-2-1		—					
Date Sampled:	07/02/98		07/02/98		—					
QC Batch #:	P98VOCS130		P98VOCS130		P98VOCS130					
Date Analyzed:	07/14/98		07/14/98		07/14/98					
Analyst Initials:	EM		EM		EM					
Dilution Factor:	1		1		1					

ANALYTE	MDL	DLR	Results	DLR	Results	LIMIT	%RE	DLR	Result	DLR	Results
Benzene	5	5	ND	5	ND	21-175	97				
Bromobenzene	5	5	ND	5	ND	21-175	110				
Bromodichloromethane	5	5	ND	5	ND	21-175	98				
Bromoform	5	5	ND	5	ND	21-175	100				
Bromomethane	5	5	ND	5	ND	21-175	93				
n-Butylbenzene	5	5	ND	5	ND	21-175	100				
sec-Butylbenzene	5	5	ND	5	ND	21-175	100				
tert-Butylbenzene	5	5	ND	5	ND	21-175	110				
Carbon tetrachloride	5	5	ND	5	ND	21-175	96				
Chlorobenzene	5	5	ND	5	ND	21-175	100				
Chloroethane	5	5	ND	5	ND	21-175	85				
Chloroform	5	5	ND	5	ND	21-175	100				
Chloromethane	5	5	ND	5	ND	21-175	86				
2-Chlorotoluene	5	5	ND	5	ND	21-175	110				
4-Chlorotoluene	5	5	ND	5	ND	21-175	100				
Dibromochloromethane	5	5	ND	5	ND	21-175	110				
1,2-Dibromo-3-chloropropane	10	10	ND	10	ND	21-175	99				
1,2-Dibromoethane	5	5	ND	5	ND	21-175	99				
Dibromomethane	5	5	ND	5	ND	21-175	99				
1,2-Dichlorobenzene	5	5	ND	5	ND	21-175	100				
1,3-Dichlorobenzene	5	5	ND	5	ND	21-175	110				
1,4-Dichlorobenzene	5	5	ND	5	ND	21-175	110				
Dichlorodifluoromethane	5	5	ND	5	ND	21-175	82				
1,1-Dichloroethane	5	5	ND	5	ND	21-175	99				
1,2-Dichloroethane	5	5	ND	5	ND	21-175	96				
1,1-Dichloroethene	5	5	ND	5	ND	21-175	80				
cis-1,2-Dichloroethene	5	5	ND	5	ND	21-175	100				

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:		27413-040		27413-40D		LCS					
Client Sample I.D.:		DTB 50-2-1		DTB 50-2-1		—					
ANALYTE	MDL	DLR	Results	DLR	Results	LIMIT	%RE	DLR	Result	DLR	Results
trans-1,2-Dichloroethene	5	5	ND	5	ND	21-175	100				
1,2-Dichloropropane	5	5	ND	5	ND	21-175	98				
1,3-Dichloropropane	5	5	ND	5	ND	21-175	100				
2,2-Dichloropropane	5	5	ND	5	ND	21-175	98				
1,1-Dichloropropene	5	5	ND	5	ND	21-175	99				
Ethylbenzene	5	5	ND	5	ND	21-175	100				
Hexachlorobutadiene	5	5	ND	5	ND	21-175	90				
Isopropylbenzene	5	5	ND	5	ND	21-175	110				
p-Isopropyltoluene	5	5	ND	5	ND	21-175	100				
Methylene Chloride	15	15	ND	15	ND	21-175	101				
Naphthalene	5	5	8.0	5	11	21-175	91				
n-Propylbenzene	5	5	ND	5	ND	21-175	105				
Styrene	5	5	ND	5	ND	21-175	102				
1,1,1,2-Tetrachloroethane	5	5	ND	5	ND	21-175	101				
1,1,2,2-Tetrachloroethane	5	5	ND	5	ND	21-175	112				
Tetrachloroethene	5	5	73	5	77	21-175	104				
Toluene	5	5	ND	5	ND	21-175	95				
1,2,3-Trichlorobenzene	5	5	ND	5	ND	21-175	98				
1,2,4-Trichlorobenzene	5	5	ND	5	ND	21-175	89				
1,1,1-Trichloroethane	5	5	ND	5	ND	21-175	97				
1,1,2-Trichloroethane	5	5	ND	5	ND	21-175	99				
Trichloroethene	5	5	ND	5	ND	21-175	97				
Trichlorofluoromethane	5	5	ND	5	ND	21-175	83				
1,2,3-Trichloropropane	10	10	ND	10	ND	21-175	102				
1,2,4-Trimethylbenzene	5	5	ND	5	ND	21-175	104				
1,3,5-Trimethylbenzene	5	5	ND	5	ND	21-175	106				
Vinyl Chloride	5	5	ND	5	ND	21-175	85				
Xylenes (Total)	5	5	ND	5	ND	21-175	100				

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 7/21/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	Method Blank		27413-041		27413-044		27413-044D		27413-045	
Client Sample I.D.:	--		DTB 50-2-3		T 12-2-1		T 12-2-1		T 12-2-3	
Date Sampled:	--		07/02/98		07/02/98		07/02/98		07/02/98	
QC Batch #:	P98VOCS133		P98VOCS133		P98VOCS133		P98VOCS133		P98VOCS133	
Date Analyzed:	07/16/98		07/16/98		07/16/98		07/16/98		07/16/98	
Analyst Initials:	EM		EM		EM		EM		EM	
Dilution Factor:	1		1		1		1		1	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Benzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromodichloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromoform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Bromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
n-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
sec-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
tert-Butylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Carbon tetrachloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroform	5	5	ND	5	ND	5	ND	5	ND	5	ND
Chloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
4-Chlorotoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromochloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dibromo-3-chloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2-Dibromoethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,4-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Dichlorodifluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
cis-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:		Method Blank		27413-041		27413-044		27413-044D		27413-045	
Client Sample I.D.:		--		DTB 50-2-3		T 12-2-1		T 12-2-1		T 12-2-3	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
trans-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
2,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloropropene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Ethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Hexachlorobutadiene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Isopropylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
p-Isopropyltoluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Methylene Chloride	15	15	ND	15	ND	15	ND	15	ND	15	ND
Naphthalene	5	5	ND	5	ND	5	ND	5	5.3	5	ND
n-Propylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Styrene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Tetrachloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Toluene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,4-Trichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,1-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND
Trichlorofluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND
1,2,3-Trichloropropane	10	10	ND	10	ND	10	ND	10	ND	10	ND
1,2,4-Trimethylbenzene	5	5	ND	5	ND	5	12	5	19	5	ND
1,3,5-Trimethylbenzene	5	5	ND	5	ND	5	6.2	5	10	5	ND
Vinyl Chloride	5	5	ND	5	ND	5	ND	5	ND	5	ND
Xylenes (Total)	5	5	ND	5	ND	5	ND	5	ND	5	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 7/21/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:	27413-046		27413-047		LCS					
Client Sample I.D.:	T12-2-5		T12-2-10		—					
Date Sampled:	07/02/98		07/02/98		—					
QC Batch #:	P98VOCS133		P98VOCS133		P98VOCS133					
Date Analyzed:	07/16/98		07/16/98		07/16/98					
Analyst Initials:	EM		EM		EM					
Dilution Factor:	1		1		1					
ANALYTE	MDL	DLR	Results	DLR	Results	limit	%rec	DLR	Result	DLR	Results
Benzene	5	5	ND	5	ND	21-175	120				
Bromobenzene	5	5	ND	5	ND	21-175	120				
Bromodichloromethane	5	5	ND	5	ND	21-175	120				
Bromoform	5	5	ND	5	ND	21-175	120				
Bromomethane	5	5	ND	5	ND	21-175	130				
n-Butylbenzene	5	5	ND	5	ND	21-175	130				
sec-Butylbenzene	5	5	ND	5	ND	21-175	130				
tert-Butylbenzene	5	5	ND	5	ND	21-175	120				
Carbon tetrachloride	5	5	ND	5	ND	21-175	120				
Chlorobenzene	5	5	ND	5	ND	21-175	120				
Chloroethane	5	5	ND	5	ND	21-175	130				
Chloroform	5	5	ND	5	ND	21-175	110				
hloromethane	5	5	ND	5	ND	21-175	120				
2-Chlorotoluene	5	5	ND	5	ND	21-175	130				
4-Chlorotoluene	5	5	ND	5	ND	21-175	130				
Dibromochloromethane	5	5	ND	5	ND	21-175	120				
1,2-Dibromo-3-chloropropane	10	10	ND	10	ND	21-175	120				
1,2-Dibromoethane	5	5	ND	5	ND	21-175	110				
Dibromomethane	5	5	ND	5	ND	21-175	120				
1,2-Dichlorobenzene	5	5	ND	5	ND	21-175	120				
1,3-Dichlorobenzene	5	5	ND	5	ND	21-175	120				
1,4-Dichlorobenzene	5	5	ND	5	ND	21-175	130				
Dichlorodifluoromethane	5	5	ND	5	ND	21-175	180*				
1,1-Dichloroethane	5	5	ND	5	ND	21-175	110				
1,2-Dichloroethane	5	5	ND	5	ND	21-175	110				
1,1-Dichloroethene	5	5	ND	5	ND	21-175	120				
cis-1,2-Dichloroethene	5	5	ND	5	ND	21-175	110				

MDL = Method Detection Limit
ND = Not Detected (Below DLR). * = Outside Limit
DLR = MDL X Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report.

1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg

EPA Method 8260

Lab No.:		27413-046		27413-047		LCS					
Client Sample I.D.:		T12-2-5		T12-2-10		—					
ANALYTE	MDL	DLR	Results	DLR	Results	limit	%rec	DLR	Result	DLR	Results
trans-1,2-Dichloroethene	5	5	ND	5	ND	21-175	110				
1,2-Dichloropropane	5	5	ND	5	ND	21-175	110				
1,3-Dichloropropane	5	5	ND	5	ND	21-175	120				
2,2-Dichloropropane	5	5	ND	5	ND	21-175	110				
1,1-Dichloropropene	5	5	ND	5	ND	21-175	110				
Ethylbenzene	5	5	ND	5	ND	21-175	120				
Hexachlorobutadiene	5	5	ND	5	ND	21-175	120				
Isopropylbenzene	5	5	ND	5	ND	21-175	130				
p-Isopropyltoluene	5	5	ND	5	ND	21-175	130				
Methylene Chloride	15	15	ND	15	ND	21-175	106				
Methyl tert-Butyl Ether	5	5	ND	5	ND	21-175	105				
Naphthalene	5	5	ND	5	ND	21-175	129				
n-Propylbenzene	5	5	ND	5	ND	21-175	126				
Styrene	5	5	ND	5	ND	21-175	122				
1,1,1,2-Tetrachloroethane	5	5	ND	5	ND	21-175	121				
1,1,2,2-Tetrachloroethane	5	5	ND	5	ND	21-175	116				
Tetrachloroethene	5	5	ND	5	ND	21-175	127				
Toluene	5	5	ND	5	ND	21-175	116				
1,2,3-Trichlorobenzene	5	5	ND	5	ND	21-175	130				
1,2,4-Trichlorobenzene	5	5	ND	5	ND	21-175	133				
1,1,1-Trichloroethane	5	5	ND	5	ND	21-175	110				
1,1,2-Trichloroethane	5	5	ND	5	ND	21-175	111				
Trichloroethene	5	5	ND	5	ND	21-175	117				
Trichlorofluoromethane	5	5	ND	5	ND	21-175	148				
1,2,3-Trichloropropane	10	10	ND	10	ND	21-175	110				
1,2,4-Trimethylbenzene	5	5	ND	5	ND	21-175	123				
1,3,5-Trimethylbenzene	5	5	ND	5	ND	21-175	127				
Vinyl Chloride	5	5	ND	5	ND	21-175	115				
Xylenes (Total)	5	5	ND	5	ND	21-175	124				

MDL = Method Detection Limit * = Outside Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date 7/21/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report - SOIL(ug/Kg)

Method : C:\HPCHEM\1\METHODS\PVS0716.M (RTE Integrator)
Title : VOC 8240/8260B Advanced Technology Laboratory
Last Update : Thu Jul 16 14:28:10 1998
Response via : Initial Calibration

Non-Spiked Sample: PB0714B.D

	Spike Sample	Spike Duplicate Sample
File ID :	PMS0713A.D	PMD0713A.D
Sample :	P98VOCS130 MS 27413-18	P98VOCS130 MSD 27413-18
Acq Time:	14 Jul 98 2:10 pm	14 Jul 98 2:38 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-dichloroethene	0.0	100	63	58	60	55#	9	20	58-156
benzene	0.0	100	77	74	76	73	4	12	72-134
trichloroethene	0.0	100	66	62	66	62	6	16	55-145
toluene	0.0	100	67	64	66#	63#	4	16	73-127
chlorobenzene	0.0	100	62	59	62#	59#	5	11	80-119

QCBATCH#P98VOCS130
- Fails Limit Check

Reviewed/Approved By: _____ Date: 7/21/98
Lee Ingvaldson
Department Supervisor

Spike Recovery and RPD Summary Report - SOIL(ug/Kg)

Method : C:\HPCHEM\1\METHODS\PVS0716.M (RTE Integrator)
Title : VOC 8240/8260B Advanced Technology Laboratory
Last Update : Thu Jul 16 14:28:10 1998
Response via : Initial Calibration

Non-Spiked Sample: PB0714B.D

	Spike Sample	Spike Duplicate Sample
File ID :	PMS0714A.D	PMD0714A.D
Sample :	P98VOCS130 MS 27413-40	P98VOCS130 MSD 27413-40
Acq Time:	14 Jul 98 8:08 pm	14 Jul 98 8:36 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-dichloroethene	0.0	100	69	74	66	72	8	20	50-156
benzene	0.0	100	88	93	87	92	5	12	72-134
trichloroethene	0.0	100	80	84	79	84	6	16	55-145
toluene	0.0	100	81	85	80	84	5	16	73-127
chlorobenzene	0.0	100	80	83	80	83	4	11	80-119

QCBATCH#P98VOCS130

Reviewed/Approved By: _____ Date: 7/21/98
Lee Ingvaldson
Department Supervisor

Spike Recovery and RPD Summary Report - SOIL(ug/Kg)

Method : C:\HPCHEM\1\METHODS\PVS0716.M (RTE Integrator)
Title : VOC 8240/8260B Advanced Technology Laboratory
Last Update : Thu Jul 16 14:28:10 1998
Response via : Initial Calibration

Non-Spiked Sample: PB0716D.D

	Spike Sample	Spike Duplicate Sample
File ID :	PMS0716A.D	PMD0716A.D
Sample :	P98VOCS133 SPIKE 27413-44	P98VOCS133 SPIKE DUP 27413-44
Acq Time:	16 Jul 98 7:40 pm	16 Jul 98 8:08 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-dichloroethene	0.0	100	108	108	103	103	0	20	58-156
benzene	0.0	100	103	105	102	103	1	12	72-134
trichloroethene	0.0	100	102	104	101	103	2	16	55-145
toluene	0.0	100	96	97	95	96	1	16	73-127
chlorobenzene	0.0	100	98	101	98	100	3	11	80-119

QCBATCH#P98VOCS133

Reviewed/Approved By: _____ Date: 7-27-98
Lee Ingvaldson
Department Supervisor

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: ug/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:	Method Blank		27413-001		27413-002		27413-005		27413-006		27413-011	
Client Sample I.D.:	--		DTB 33-2-1		DTB 33-2-3		DTB 34-2-1		DTB 34-2-3		DTB 35-2-S	
Date Sampled:	--		07/02/98		07/02/98		07/02/98		07/02/98		07/02/98	
QC Batch #:	R9882708S167		R9882708S167		R9882708S167		R9882708S167		R9882708S167		R9882708S167	
Date Extracted:	07/11/98		07/11/98		07/11/98		07/11/98		07/11/98		07/11/98	
Date Analyzed:	07/15/98		07/16/98		07/16/98		07/16/98		07/16/98		07/16/98	
Analyst Initials:	SC		SC		SC		SC		SC		SC	
Dilution Factor:	1		10 *		1		1		1		2	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Phenol	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
bis (2-Chloroethyl)ether	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
2-Chlorophenol	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
1,3-Dichlorobenzene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
1,4-Dichlorobenzene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Benzyl Alcohol	660	660	ND	6600	ND	660	ND	660	ND	660	ND	1300	ND
1,2-Dichlorobenzene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
2-Methylphenol	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
bis(2-chloroisopropyl)ether	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
n-Nitroso-di-n-propylamine	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
4-Methylphenol	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Hexachloroethane	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Nitrobenzene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Isophorone	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
2-Nitrophenol	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
2,4-Dimethylphenol	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
bis(2-Chloroethoxy)methane	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
2,4-Dichlorophenol	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Benzoic Acid	1700	1700	ND	17000	ND	1700	ND	1700	ND	1700	ND	3400	ND
1,2,4-Trichlorobenzene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Naphthalene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
4-Chloroaniline	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Hexachlorobutadiene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
4-Chloro-3-methylphenol	660	660	ND	6600	ND	660	ND	660	ND	660	ND	1300	ND
2-Methylnaphthalene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Hexachlorocyclopentadiene	660	660	ND	6600	ND	660	ND	660	ND	660	ND	1300	ND
2,4,6-Trichlorophenol	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
2,4,5-Trichlorophenol	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
2-Chloronaphthalene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
2-Nitroaniline	1700	1700	ND	17000	ND	1700	ND	1700	ND	1700	ND	3400	ND
Dimethylphthalate	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Acenaphthylene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
2,6-Dinitrotoluene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
3-Nitroaniline	1700	1700	ND	17000	ND	1700	ND	1700	ND	1700	ND	3400	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed
* = Matrix requires dilution
The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:	Method Blank			27413-042		27413-043		27413-043D		27413-048		27413-049	
Client Sample I.D.:	–			DTB 51-1-1		DTB 51-1-3		DTB 51-1-3		D23-8		D23-2.0	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Acenaphthene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
2,4-Dinitrophenol	1700	1700	ND	6800	ND	1700	ND	1700	ND	1700	ND	1700	ND
Dibenzofuran	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
4-Nitrophenol	1700	1700	ND	6800	ND	1700	ND	1700	ND	1700	ND	1700	ND
2,4-Dinitrotoluene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Fluorene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Diethylphthalate	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
4-Chlorophenyl-phenyl ether	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
4-Nitroaniline	1700	1700	ND	6800	ND	1700	ND	1700	ND	1700	ND	1700	ND
4,6-Dinitro-2-methylphenol	1700	1700	ND	6800	ND	1700	ND	1700	ND	1700	ND	1700	ND
n-Nitrosodiphenylamine	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
4-Bromophenyl-phenyl ether	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Hexachlorobenzene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Pentachlorophenol	1700	1700	ND	6800	ND	1700	ND	1700	ND	1700	ND	1700	ND
Phenanthrene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Anthracene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Di-n-butylphthalate	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Fluoranthene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Pyrene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Butylbenzylphthalate	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Benzo[a]anthracene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
3,3'-Dichlorobenzidine	660	660	ND	2600	ND	660	ND	660	ND	660	ND	660	ND
Chrysene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
bis(2-Ethylhexyl)phthalate	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Di-n-octylphthalate	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Benzo[b]fluoranthene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Benzo[k]fluoranthene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Benzo[a]pyrene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Indeno[1,2,3-cd]pyrene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Dibenz[a,h,]anthracene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND
Benzo[g,h,i]perylene	330	330	ND	1300	ND	330	ND	330	ND	330	ND	330	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed

Approved/Reviewed By: _____ Date: 7/21/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafuda

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:	27413-012		27413-012D		27413-016		27413-017		27413-020		27413-021	
Client Sample I.D.:	DTB 35-2-3.0		DTB 35-2-3.0		DTB 36-1-S		DTB 36-1-3.0		DTB 37-1-S		DTB 37-1-3.0	
Date Sampled:	07/02/98		07/02/98		07/02/98		07/02/98		07/02/98		07/02/98	
QC Batch #:	R9882708167		R9882708167		R9882708167		R9882708167		R9882708167		R9882708167	
Date Extracted:	07/15/98		07/15/98		07/15/98		07/15/98		07/15/98		07/15/98	
Date Analyzed:	07/16/98		07/16/98		07/16/98		07/16/98		07/16/98		07/16/98	
Analyst Initials:	SC		SC		SC		SC		SC		SC	
Dilution Factor:	1		1		50 *		2 *		20 *		2 *	
ANALYTE	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Phenol	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
bis (2-Chloroethyl)ether	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
2-Chlorophenol	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
1,3-Dichlorobenzene	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
1,4-Dichlorobenzene	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Benzyl Alcohol	660	ND	660	ND	33000	ND	1300	ND	13200	ND	1300	ND
1,2-Dichlorobenzene	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
2-Methylphenol	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
bis(2-chloroisopropyl)ether	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
n-Nitroso-di-n-propylamine	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
4-Methylphenol	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Hexachloroethane	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Nitrobenzene	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Isophorone	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
2-Nitrophenol	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
2,4-Dimethylphenol	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
bis(2-Chloroethoxy)methane	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
2,4-Dichlorophenol	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Benzoic Acid	1700	ND	1700	ND	85000	ND	3400	ND	34000	ND	3400	ND
1,2,4-Trichlorobenzene	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Naphthalene	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
4-Chloroaniline	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Hexachlorobutadiene	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
4-Chloro-3-methylphenol	660	ND	660	ND	33000	ND	1300	ND	13200	ND	1300	ND
2-Methylnaphthalene	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Hexachlorocyclopentadiene	660	ND	660	ND	33000	ND	1300	ND	13200	ND	1300	ND
2,4,6-Trichlorophenol	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
2,4,5-Trichlorophenol	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
2-Chloronaphthalene	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
2-Nitroaniline	1700	ND	1700	ND	85000	ND	3400	ND	34000	ND	3400	ND
Dimethylphthalate	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Acenaphthylene	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
2,6-Dinitrotoluene	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
3-Nitroaniline	1700	ND	1700	ND	85000	ND	3400	ND	34000	ND	3400	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed
* = Matrix requires dilution

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:		Method Blank		27413-001		27413-002		27413-005		27413-006		27413-011	
Client Sample I.D.:		--		DTB 33-2-1		DTB 33-2-3		DTB 34-2-1		DTB 34-2-3		DTB 35-2-S	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Acenaphthene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
2,4-Dinitrophenol	1700	1700	ND	17000	ND	1700	ND	1700	ND	1700	ND	3400	ND
Dibenzofuran	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
4-Nitrophenol	1700	1700	ND	17000	ND	1700	ND	1700	ND	1700	ND	3400	ND
2,4-Dinitrotoluene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Fluorene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Diethylphthalate	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
4-Chlorophenyl-phenyl ether	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
4-Nitroaniline	1700	1700	ND	17000	ND	1700	ND	1700	ND	1700	ND	3400	ND
4,6-Dinitro-2-methylphenol	1700	1700	ND	17000	ND	1700	ND	1700	ND	1700	ND	3400	ND
n-Nitrosodiphenylamine	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
4-Bromophenyl-phenyl ether	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Hexachlorobenzene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Pentachlorophenol	1700	1700	ND	17000	ND	1700	ND	1700	ND	1700	ND	3400	ND
Phenanthrene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Anthracene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Di-n-butylphthalate	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Fluoranthene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Pyrene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Butylbenzylphthalate	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Benzo[a]anthracene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
3,3'-Dichlorobenzidine	660	660	ND	6600	ND	660	ND	660	ND	660	ND	1300	ND
Chrysene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
bis(2-Ethylhexyl)phthalate	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	970
Di-n-octylphthalate	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Benzo[b]fluoranthene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Benzo[k]fluoranthene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Benzo[a]pyrene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Indeno[1,2,3-cd]pyrene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Dibenz[a,h,]anthracene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND
Benzo[g,h,i]perylene	330	330	ND	3300	ND	330	ND	330	ND	330	ND	660	ND

MDL = Method Detection Limit
NO = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed
* = Matrix requires dilution

Approved/Reviewed By: _____ Date: 7/31/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:	Method Blank	27413-022	27413-023	27413-026	27413-027	27413-030
Client Sample I.D.:	--	DTB 38-1-S	DTB 38-1-3.0	DTB 46-1-1	DTB 46-1-3	DTB 50-1-1
Date Sampled:	--	07/02/98	07/02/98	07/02/98	07/02/98	07/02/98
QC Batch #:	S988270S168	S988270S168	S988270S168	S988270S168	S988270S168	S988270S168
Date Extracted:	07/11/98	07/11/98	07/11/98	07/11/98	07/11/98	07/11/98
Date Analyzed:	07/21/98	07/22/98	07/22/98	07/22/98	07/22/98	07/22/98
Analyst Initials:	SC	SC	SC	SC	SC	SC
Dilution Factor:	1	10 *	2 *	20 *	2 *	50 *

ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Phenol	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
bis (2-Chloroethyl)ether	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
2-Chlorophenol	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
1,3-Dichlorobenzene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
1,4-Dichlorobenzene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Benzyl Alcohol	660	660	ND	6600	ND	1300	ND	13200	ND	1300	ND	33000	ND
1,2-Dichlorobenzene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
2-Methylphenol	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
bis(2-chloroisopropyl)ether	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
n-Nitroso-di-n-propylamine	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
4-Methylphenol	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Hexachloroethane	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Nitrobenzene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Isophorone	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
2-Nitrophenol	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
2,4-Dimethylphenol	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
bis(2-Chloroethoxy)methane	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
2,4-Dichlorophenol	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Benzoic Acid	1700	1700	ND	17000	ND	3400	ND	34000	ND	3400	ND	85000	ND
1,2,4-Trichlorobenzene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Naphthalene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
4-Chloroaniline	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Hexachlorobutadiene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
4-Chloro-3-methylphenol	660	660	ND	6600	ND	1300	ND	13200	ND	1300	ND	33000	ND
2-Methylnaphthalene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Hexachlorocyclopentadiene	660	660	ND	6600	ND	1300	ND	13200	ND	1300	ND	33000	ND
2,4,6-Trichlorophenol	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
2,4,5-Trichlorophenol	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
2-Chloronaphthalene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
2-Nitroaniline	1700	1700	ND	17000	ND	3400	ND	34000	ND	3400	ND	85000	ND
Dimethylphthalate	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Acenaphthylene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
2,6 Dinitrotoluene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
3-Nitroaniline	1700	1700	ND	17000	ND	3400	ND	34000	ND	3400	ND	85000	ND

MDL = Method Detection Limit * = Matrix requires dilution.
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed
The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:		Method Blank		27413-022		27413-023		27413-026		27413-027		27413-030	
Client Sample I.D.:		--		DTB 38-1-S		DTB 38-1-3.0		DTB 46-1-1		DTB 46-1-3		DTB 50-1-1	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Acenaphthene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
2,4-Dinitrophenol	1700	1700	ND	17000	ND	3400	ND	34000	ND	3400	ND	85000	ND
Dibenzofuran	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
4-Nitrophenol	1700	1700	ND	17000	ND	3400	ND	34000	ND	3400	ND	85000	ND
2,4-Dinitrotoluene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Fluorene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Diethylphthalate	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
4-Chlorophenyl-phenyl ether	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
4-Nitroaniline	1700	1700	ND	17000	ND	3400	ND	34000	ND	3400	ND	85000	ND
4,6-Dinitro-2-methylphenol	1700	1700	ND	17000	ND	3400	ND	34000	ND	3400	ND	85000	ND
n-Nitrosodiphenylamine	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
4-Bromophenyl-phenyl ether	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Hexachlorobenzene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Pentachlorophenol	1700	1700	ND	17000	ND	3400	ND	34000	ND	3400	ND	85000	ND
Phenanthrene	330	330	ND	3300	ND	660	ND	6600	ND	660	2450	16500	ND
Anthracene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Di-n-butylphthalate	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Fluoranthene	330	330	ND	3300	ND	660	ND	6600	ND	660	2130	16500	ND
Pyrene	330	330	ND	3300	ND	660	ND	6600	ND	660	2380	16500	ND
Butylbenzylphthalate	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Benzo[a]anthracene	330	330	ND	3300	ND	660	ND	6600	ND	660	1440	16500	ND
3,3'-Dichlorobenzidine	660	660	ND	6600	ND	1300	ND	13200	ND	1300	ND	33000	ND
Chrysene	330	330	ND	3300	ND	660	ND	6600	ND	660	1360	16500	ND
bis(2-Ethylhexyl)phthalate	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Di-n-octylphthalate	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Benzo[b]fluoranthene	330	330	ND	3300	ND	660	ND	6600	ND	660	1030	16500	ND
Benzo[k]fluoranthene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Benzo[a]pyrene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Indeno[1,2,3-cd]pyrene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Dibenz[a,h]anthracene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND
Benzo[g,h,i]perylene	330	330	ND	3300	ND	660	ND	6600	ND	660	ND	16500	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed

Approved/Reviewed By: _____ Date: 7/22/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:	27413-031		27413-032		27413-032D		27413-033		27413-036		27413-037	
Client Sample I.D.:	DTB 50-1-3		DTB 48-1-1		DTB 48-1-1		DTB 48-1-3		DTB 52-1-1		DTB 52-1-3	
Date Sampled:	07/02/98		07/02/98		07/02/98		07/02/98		07/02/98		07/02/98	
QC Batch #:	S9882708168		S9882708168		S9882708168		S9882708168		S9882708168		S9882708168	
Date Extracted:	07/11/98		07/11/98		07/11/98		07/11/98		07/11/98		07/11/98	
Date Analyzed:	07/22/98		07/21/98		07/21/98		07/22/98		07/22/98		07/22/98	
Analyst Initials:	SC		SC		SC		SC		SC		SC	
Dilution Factor:	1		1		1		50 *		1		1	

ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Phenol	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
bis (2-Chloroethyl)ether	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
2-Chlorophenol	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
1,3-Dichlorobenzene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
1,4-Dichlorobenzene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Benzyl Alcohol	660	660	ND	660	ND	660	ND	33000	ND	660	ND	660	ND
1,2-Dichlorobenzene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
2-Methylphenol	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
bis(2-chloroisopropyl)ether	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
n-Nitroso-di-n-propylamine	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
4-Methylphenol	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Hexachloroethane	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Nitrobenzene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Isophorone	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
2-Nitrophenol	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
2,4-Dimethylphenol	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
bis(2-Chloroethoxy)methane	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
2,4-Dichlorophenol	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Benzoic Acid	1700	1700	ND	1700	ND	1700	ND	85000	ND	1700	ND	1700	ND
1,2,4-Trichlorobenzene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Naphthalene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
4-Chloroaniline	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Hexachlorobutadiene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
4-Chloro-3-methylphenol	660	660	ND	660	ND	660	ND	33000	ND	660	ND	660	ND
2-Methylnaphthalene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Hexachlorocyclopentadiene	660	660	ND	660	ND	660	ND	33000	ND	660	ND	660	ND
2,4,6-Trichlorophenol	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
2,4,5-Trichlorophenol	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
2-Chloronaphthalene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
2-Nitroaniline	1700	1700	ND	1700	ND	1700	ND	85000	ND	1700	ND	1700	ND
Dimethylphthalate	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Acenaphthylene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
2,6-Dinitrotoluene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
3-Nitroaniline	1700	1700	ND	1700	ND	1700	ND	85000	ND	1700	ND	1700	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed
* = Matrix requires dilution.

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafana

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No:		27413-031		27413-032		27413-032D		27413-033		27413-036		27413-037	
Client Sample I.D.:		DTB 50-1-3		DTB 48-1-1		DTB 48-1-1		DTB 48-1-3		DTB 52-1-1		DTB 52-1-3	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Acenaphthene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
2,4-Dinitrophenol	1700	1700	ND	1700	ND	1700	ND	85000	ND	1700	ND	1700	ND
Dibenzofuran	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
4-Nitrophenol	1700	1700	ND	1700	ND	1700	ND	85000	ND	1700	ND	1700	ND
2,4-Dinitrotoluene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Fluorene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Diethylphthalate	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
4-Chlorophenyl-phenyl ether	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
4-Nitroaniline	1700	1700	ND	1700	ND	1700	ND	85000	ND	1700	ND	1700	ND
4,6-Dinitro-2-methylphenol	1700	1700	ND	1700	ND	1700	ND	85000	ND	1700	ND	1700	ND
n-Nitrosodiphenylamine	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
4-Bromophenyl-phenyl ether	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Hexachlorobenzene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Pentachlorophenol	1700	1700	ND	1700	ND	1700	ND	85000	ND	1700	ND	1700	ND
Phenanthrene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Anthracene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Di-n-butylphthalate	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Fluoranthene	330	330	448	330	ND	330	ND	16500	64100	330	ND	330	ND
Pyrene	330	330	645	330	ND	330	ND	16500	62100	330	ND	330	ND
Butylbenzylphthalate	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Benzo[a]anthracene	330	330	351	330	ND	330	ND	16500	34900	330	ND	330	ND
3,3'-Dichlorobenzidine	660	660	ND	660	ND	660	ND	33000	ND	660	ND	660	ND
Chrysene	330	330	ND	330	ND	330	ND	16500	29900	330	ND	330	ND
bis(2-Ethylhexyl)phthalate	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Di-n-octylphthalate	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Benzo[b]fluoranthene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Benzo[k]fluoranthene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Benzo[a]pyrene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Indeno[1,2,3-cd]pyrene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Dibenz[a,h,]anthracene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND
Benzo[g,h,i]perylene	330	330	ND	330	ND	330	ND	16500	ND	330	ND	330	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed

Approved/Reviewed By: _____ Date: 7/27/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:	LCS		
Client Sample I.D.:	--		
Date Sampled:	--		
QC Batch #:	S988270S168		
Date Extracted:	07/11/98		
Date Analyzed:	07/21/98		
Analyst Initials:	SC		
Dilution Factor:	1		

ANALYTE	MDL	%Rec	Limit
Phenol	330	64	11-182
bis (2-Chloroethyl)ether	330	67	11-182
2-Chlorophenol	330	70	11-182
1,3-Dichlorobenzene	330	55	11-182
1,4-Dichlorobenzene	330	61	11-182
Benzyl Alcohol	660	64	11-182
1,2-Dichlorobenzene	330	70	11-182
2 Methylphenol	330	64	11-182
bis(2-chloroisopropyl)ether	330	76	11-182
n-Nitroso-di-n-propylamine	330	79	11-182
4-Methylphenol	330	70	11-182
Hexachloroethane	330	61	11-182
Nitrobenzene	330	73	11-182
Isophorone	330	94	11-182
2-Nitrophenol	330	85	11-182
2,4-Dimethylphenol	330	82	11-182
bis(2-Chloroethoxy)methane	330	82	11-182
2,4-Dichlorophenol	330	85	11-182
Benzoic Acid	1700	52	11-182
1,2,4-Trichlorobenzene	330	82	11-182
Naphthalene	330	79	11-182
4-Chloroaniline	330	67	11-182
Hexachlorobutadiene	330	88	11-182
4-Chloro-3-methylphenol	660	103	11-182
2-Methylnaphthalene	330	91	11-182
Hexachlorocyclopentadiene	660	61	11-182
2,4,6-Trichlorophenol	330	82	11-182
2,4,5-Trichlorophenol	330	85	11-182
2-Chloronaphthalene	330	67	11-182
2-Nitroaniline	1700	79	11-182
Dimethylphthalate	330	94	11-182
Acenaphthylene	330	82	11-182
2,6-Dinitrotoluene	330	94	11-182
3-Nitroaniline	1700	67	11-182

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708 01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:		27413-012		27413-012D		27413-016		27413-017		27413-020		27413-021	
Client Sample I.D.:		DTB 35-2-3.0		DTB 35-2-3.0		DTB 36-1-S		DTB 36-1-3.0		DTB 37-1-S		DTB 37-1-3.0	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Acenaphthene	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
2,4-Dinitrophenol	1700	1700	ND	1700	ND	85000	ND	3400	ND	34000	ND	3400	ND
Dibenzofuran	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
4-Nitrophenol	1700	1700	ND	1700	ND	85000	ND	3400	ND	34000	ND	3400	ND
2,4-Dinitrotoluene	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Fluorene	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Diethylphthalate	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
4-Chlorophenyl-phenyl ether	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
4-Nitroaniline	1700	1700	ND	1700	ND	85000	ND	3400	ND	34000	ND	3400	ND
4,6-Dinitro-2-methylphenol	1700	1700	ND	1700	ND	85000	ND	3400	ND	34000	ND	3400	ND
n-Nitrosodiphenylamine	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
4-Bromophenyl-phenyl ether	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Hexachlorobenzene	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Pentachlorophenol	1700	1700	ND	1700	ND	85000	ND	3400	ND	34000	ND	3400	ND
Phenanthrene	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Anthracene	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Di-n-butylphthalate	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Fluoranthene	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Pyrene	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Butylbenzylphthalate	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Benzo[a]anthracene	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
3,3'-Dichlorobenzidine	660	660	ND	660	ND	33000	ND	1300	ND	13200	ND	1300	ND
Chrysene	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
bis(2-Ethylhexyl)phthalate	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Di-n-octylphthalate	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Benzo[b]fluoranthene	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Benzo[k]fluoranthene	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Benzo[a]pyrene	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Indeno[1,2,3-cd]pyrene	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Dibenz[a,h]anthracene	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND
Benzo[g,h,i]perylene	330	330	ND	330	ND	16500	ND	660	ND	6600	ND	660	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed
* = Matrix requires dilution

Approved/Reviewed By: _____ Date: 7/21/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:	LCS
Client Sample I.D.:	–
Date Sampled:	–
QC Batch #:	I98827085167
Date Extracted:	07/15/98
Date Analyzed:	07/15/98
Analyst Initials:	SC
Dilution Factor:	1

ANALYTE	MDL	%REC	Limits
Phenol	330	67	11-182
bis (2-Chloroethyl)ether	330	67	11-182
2-Chlorophenol	330	64	11-182
1,3-Dichlorobenzene	330	55	11-182
1,4-Dichlorobenzene	330	58	11-182
Benzyl Alcohol	660	64	11-182
1,2-Dichlorobenzene	330	61	11-182
2-Methylphenol	330	67	11-182
bis(2-chloroisopropyl)ether	330	64	11-182
n-Nitroso-di-n-propylamine	330	70	11-182
4-Methylphenol	330	67	11-182
Hexachloroethane	330	52	11-182
Nitrobenzene	330	58	11-182
Isophorone	330	61	11-182
2-Nitrophenol	330	67	11-182
2,4-Dimethylphenol	330	64	11-182
bis(2-Chloroethoxy)methane	330	58	11-182
2,4-Dichlorophenol	330	67	11-182
Benzoic Acid	1700	76	11-182
1,2,4-Trichlorobenzene	330	76	11-182
Naphthalene	330	61	11-182
4-Chloroaniline	330	48	11-182
Hexachlorobutadiene	330	61	11-182
4-Chloro-3-methylphenol	660	70	11-182
2-Methylnaphthalene	330	67	11-182
Hexachlorocyclopentadiene	660	36	11-182
2,4,6-Trichlorophenol	330	76	11-182
2,4,5-Trichlorophenol	330	76	11-182
2-Chloronaphthalene	330	61	11-182
2-Nitroaniline	1700	79	11-182
Dimethylphthalate	330	73	11-182
Acenaphthylene	330	73	11-182
2,6-Dinitrotoluene	330	76	11 182
3-Nitroaniline	1700	79	11-182

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed
The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:		LCS	
Client Sample I.D.:		---	
ANALYTE	MDL	%Rec	Limits
Acenaphthene	330	70	11-182
2,4-Dinitrophenol	1700	36	11-182
Dibenzofuran	330	70	11-182
4-Nitrophenol	1700	88	11-182
2,4-Dinitrotoluene	330	79	11-182
Fluorene	330	70	11-182
Diethylphthalate	330	76	11-182
4-Chlorophenyl-phenyl ether	330	76	11-182
4-Nitroaniline	1700	73	11-182
4,6-Dinitro-2-methylphenol	1700	48	11-182
n-Nitrosodiphenylamine	330	86	11-182
4-Bromophenyl-phenyl ether	330	64	11-182
Hexachlorobenzene	330	61	11-182
Pentachlorophenol	1700	67	11-182
Phenanthrene	330	76	11-182
Anthracene	330	79	11-182
Di-n-butylphthalate	330	70	11-182
Fluoranthene	330	73	11-182
Pyrene	330	73	11-182
Butylbenzylphthalate	330	91	11-182
Benzo[a]anthracene	330	85	11-182
3,3'-Dichlorobenzidine	660	73	11-182
Chrysene	330	85	11-182
bis(2-Ethylhexyl)phthalate	330	88	11-182
Di-n-octylphthalate	330	100	11-182
Benzo[b]fluoranthene	330	97	11-182
Benzo[k]fluoranthene	330	88	11-182
Benzo[a]pyrene	330	85	11-182
Indeno[1,2,3-cd]pyrene	330	58	11-182
Dibenz[a,h]anthracene	330	64	11-182
Benzo[g,h,i]perylene	330	55	11-182

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed

Approved/Reviewed By: _____ Date: 7/21/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:	27413-50		27413-51		LCS					
Client Sample I.D.:	T23-1-S		T23-1-2.0		–					
Date Sampled:	07/02/98		07/02/98		--					
QC Batch #:	R9882708169		R9882708169		R9882708169					
Date Extracted:	07/12/98		07/12/98		07/12/98					
Date Analyzed:	07/16/98		07/16/98		07/16/98					
Analyst Initials:	SC		SC		SC					
Dilution Factor:	*5		2*		1					

ANALYTE	MDL	DLR	Results	DLR	Results	%REC	Limit	DLR	Results	DLR	Results
Phenol	330	1700	ND	660	ND	61	11-182				
bis (2-Chloroethyl)ether	330	1700	ND	660	ND	97	11-182				
2-Chlorophenol	330	1700	ND	660	ND	64	11-182				
1,3-Dichlorobenzene	330	1700	ND	660	ND	58	11-182				
1,4-Dichlorobenzene	330	1700	ND	660	ND	58	11-182				
Benzyl Alcohol	660	3300	ND	1300	ND	61	11-182				
1,2-Dichlorobenzene	330	1700	ND	660	ND	61	11-182				
2-Methylphenol	330	1700	ND	660	ND	67	11-182				
bis(2-chloroisopropyl)ether	330	1700	ND	660	ND	64	11-182				
n-Nitroso-di-n-propylamine	330	1700	ND	660	ND	67	11-182				
4-Methylphenol	330	1700	ND	660	ND	67	11-182				
Hexachloroethane	330	1700	ND	660	ND	52	11-182				
Nitrobenzene	330	1700	ND	660	ND	58	11-182				
Isophorone	330	1700	ND	660	ND	61	11-182				
2-Nitrophenol	330	1700	ND	660	ND	67	11-182				
2,4-Dimethylphenol	330	1700	ND	660	ND	61	11-182				
bis(2-Chloroethoxy)methane	330	1700	ND	660	ND	58	11-182				
2,4-Dichlorophenol	330	1700	ND	660	ND	67	11-182				
Benzoic Acid	1700	8500	ND	3400	ND	73	11-182				
1,2,4-Trichlorobenzene	330	1700	ND	660	ND	76	11-182				
Naphthalene	330	1700	ND	660	ND	64	11-182				
4-Chloroaniline	330	1700	ND	660	ND	52	11-182				
Hexachlorobutadiene	330	1700	ND	660	ND	61	11-182				
4-Chloro-3-methylphenol	660	3300	ND	1300	ND	67	11-182				
2-Methylnaphthalene	330	1700	ND	660	ND	67	11-182				
Hexachlorocyclopentadiene	660	3300	ND	1300	ND	103	11-182				
2,4,6-Trichlorophenol	330	1700	ND	660	ND	76	11-182				
2,4,5-Trichlorophenol	330	1700	ND	660	ND	76	11-182				
2-Chloronaphthalene	330	1700	ND	660	ND	61	11-182				
2-Nitroaniline	1700	8500	ND	3400	ND	76	11-182				
Dimethylphthalate	330	1700	ND	660	ND	73	11-182				
Acenaphthylene	330	1700	ND	660	ND	73	11-182				
2,6-Dinitrotoluene	330	1700	ND	660	ND	73	11-182				
3-Nitroaniline	1700	8500	ND	3400	ND	79	11-182				

MDL = Method Detection Limit
ND = Not Detected (Below DLR) * = Matrix requires dilution.
DLR = MDL x Dilution Factor
NA = Not Analyzed
The cover letter is an integral part of this analytical report.

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Matrix: Soil
Units: µg/kg
Extraction Method: 3550

EPA Method 8270

Lab No.:		27413-50		27413-51		LCS					
Client Sample I.D.:		T23-1-8		T23-1-2.0		—					
ANALYTE	MDL	DLR	Results	DLR	Results	%REC	Limit	DLR	Results	DLR	Results
Acenaphthene	330	1700	ND	660	ND	73	11-182				
2,4-Dinitrophenol	1700	8500	ND	3400	ND	70	11-182				
Dibenzofuran	330	1700	ND	660	ND	70	11-182				
4-Nitrophenol	1700	8500	ND	3400	ND	79	11-182				
2,4-Dinitrotoluene	330	1700	ND	660	ND	76	11-182				
Fluorene	330	1700	ND	660	ND	70	11-182				
Diethylphthalate	330	1700	ND	660	ND	76	11-182				
4-Chlorophenyl-phenyl ether	330	1700	ND	660	ND	76	11-182				
4-Nitroaniline	1700	8500	ND	3400	ND	67	11-182				
4,6-Dinitro-2-methylphenol	1700	8500	ND	3400	ND	76	11-182				
n-Nitrosodiphenylamine	330	1700	ND	660	ND	39	11-182				
4-Bromophenyl-phenyl ether	330	1700	ND	660	ND	67	11-182				
Hexachlorobenzene	330	1700	ND	660	ND	64	11-182				
Pentachlorophenol	1700	8500	ND	3400	ND	70	11-182				
Phenanthrene	330	1700	ND	660	ND	76	11-182				
Anthracene	330	1700	ND	660	ND	76	11-182				
Di-n-butylphthalate	330	1700	ND	660	ND	70	11-182				
Fluoranthene	330	1700	ND	660	ND	73	11-182				
Pyrene	330	1700	ND	660	ND	70	11-182				
Butylbenzylphthalate	330	1700	ND	660	ND	88	11-182				
Benzo[a]anthracene	330	1700	ND	660	ND	82	11-182				
3,3'-Dichlorobenzidine	660	3300	ND	1300	ND	76	11-182				
Chrysene	330	1700	ND	660	ND	85	11-182				
bis(2-Ethylhexyl)phthalate	330	1700	ND	660	ND	82	11-182				
Di-n-octylphthalate	330	1700	ND	660	ND	97	11-182				
Benzo[b]fluoranthene	330	1700	ND	660	ND	94	11-182				
Benzo[k]fluoranthene	330	1700	ND	660	ND	94	11-182				
Benzo[a]pyrene	330	1700	ND	660	ND	85	11-182				
Indeno[1,2,3-cd]pyrene	330	1700	ND	660	ND	58	11-182				
Dibenz[a,h,]anthracene	330	1700	ND	660	ND	61	11-182				
Benzo[g,h,i]perylene	330	1700	ND	660	ND	55	11-182				

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL x Dilution Factor
NA = Not Analyzed

Approved/Reviewed By: _____ Date: 7/28/98
Lee Ingvalson
Department Supervisor

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report - SOIL(ug/Kg)

Method : C:\HPCHEM\1\METHODS\8270C.M
Title : 8270C Advanced Technology Laboratory
Last Update : Mon Jul 13 15:51:32 1998
Response via : Initial Calibration

Non-Spiked Sample: RB0715C.D

	Spike Sample	Spike Duplicate Sample
File ID :	RMS0715B.D	RMD0715B.D
Sample :	soil spike 8270 e:7/11/98	soil spike dup 8270 e:7/11/98
Acq Time:	15 Jul 98 11:15 pm	16 Jul 98 12:01 am

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.0	200	113	120	56	60	6	19	37- 92
2-Chlorophenol	0.0	200	118	128	59	64	8	20	33- 94
1,4-Dichlorobenzene	0.0	100	52	58	52	58	10	22	43- 91
N-Nitroso-di-n-propy	0.0	100	67	69	67	69	3	24	25-112
1,2,4-Trichlorobenze	0.0	100	60	65	60	65	8	19	47-104
4-Chloro-3-methylphe	0.0	200	117	132	59	66	12	19	33-106
Acenaphthene	0.0	100	60	65	60	65	8	19	39-103
4-Nitrophenol	0.0	200	149	163	74	81	9	21	22-117
2,4-Dinitrotoluene	0.0	100	66	70	66	70	6	21	16-106
Pentachlorophenol	0.0	200	119	124	60	62	4	24	11-120
Pyrene	0.0	100	69	72	69	72	4	17	24-124

QCBATCH#R988270S167

Reviewed/Approved By: _____ Date: 7/27/98
Lee Ingvaldson
Department Supervisor

Spike Recovery and RPD Summary Report - SOIL(ug/Kg)

Method : D:\HPCHEM\1\METHODS\8270C.M (RTE Integrator)
Title : EPA 8270C Advanced Technology Laboratory
Last Update : Mon Jul 20 08:53:36 1998
Response via : Initial Calibration

Non-Spiked Sample: SB0721B.D

	Spike Sample	Spike Duplicate Sample
File ID :	SMS0721B.D	SMD0721B.D
Sample :	SOIL MS/ S988270S168	SOIL MSD/ S988270S168
Acq Time:	21 Jul 1998 8:48 pm	21 Jul 1998 9:26 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.0	200	101	76	50	38	28#	19	37- 92
2-Chlorophenol	0.0	200	125	117	62	59	6	20	33- 94
1,4-Dichlorobenzene	0.0	100	58	61	58	61	5	22	43- 91
N-Nitroso-di-n-propy	0.0	100	62	64	62	63	2	24	25-112
1,2,4-Trichlorobenze	0.0	100	82	84	82	84	2	19	47-104
4-Chloro-3-methylphe	0.0	200	166	167	83	84	1	19	33-106
Acenaphthene	0.0	100	76	78	75	78	3	19	39-103
4-Nitrophenol	0.0	200	229	243	114	121#	6	21	22-117
2,4-Dinitrotoluene	0.0	100	92	96	92	96	5	21	46-106
Pentachlorophenol	0.0	200	124	131	62	65	5	24	11-120
Pyrene	0.0	100	74	77	74	76	4	17	24-124

QCBATCH#S980270S168

- Fails Limit Check

Reviewed/Approved By: _____ Date: 7/29/98
Lee Indvaldson
Department Supervisor

Spike Recovery and RPD Summary Report - SOIL(ug/Kg)

Method : C:\HPCHEM\1\METHODS\8270C.M
Title : 8270C Advanced Technology Laboratory
Last Update : Mon Jul 13 15:51:32 1998
Response via : Initial Calibration

Non-Spiked Sample: RB0716A.D

	Spike Sample	Spike Duplicate Sample
File ID :	RMS0716A.D	RMD0716A.D
Sample :	SOIL MS / R988270S169	SOIL MSD / R988270S169
Acq Time:	16 Jul 98 12:53 pm	16 Jul 98 1:40 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.0	200	110	120	55	60	8	19	37- 92
2-Chlorophenol	0.0	200	119	128	59	64	7	20	33- 94
1,4-Dichlorobenzene	0.0	100	52	57	52	57	10	22	43- 91
N-Nitroso-di-n-propy	0.0	100	63	68	63	68	8	24	25-112
1,2,4-Trichlorobenze	0.0	100	60	66	60	66	9	19	47-104
4-Chloro-3-methylphe	0.0	200	114	123	57	61	8	19	33-106
Acenaphthene	0.0	100	62	64	62	64	4	19	39-103
4-Nitrophenol	0.0	200	143	152	71	76	6	21	22-117
2,4-Dinitrotoluene	0.0	100	66	70	66	70	5	21	46-106
Pentachlorophenol	0.0	200	129	135	64	67	5	24	11-120
Pyrene	0.0	100	66	70	66	70	5	17	24-124

QCBATCH#R988270S169

Reviewed/Approved By: _____ Date: 7/22/98
Lee Ingvaldson
Department Supervisor

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 13543A/980708-01
Date Received: 07/09/98
Extraction Method: 3550
Matrix: Soil
Units: ug/kg

EPA Method 8080

Lab No.:	Method Blank		27413-009		27413-010		27413-016		27413-017		27413-022	
Client Sample I.D.:	--		DTB34-1-S		DTB 34-1-3.0		DTB 36-1-S		DTB 36-1-3.0		DTB 38-1-S	
Date Sampled:	--		07/02/98		07/02/98		07/02/98		07/02/98		07/02/98	
QC Batch #:	H988080S232		H988080S232		H988080S232		H988080S232		H988080S232		H988080S232	
Date Extracted:	07/10/98		07/10/98		07/10/98		07/10/98		07/10/98		07/10/98	
Date Analyzed:	07/13/98		07/13/98		07/13/98		07/13/98		07/13/98		07/13/98	
Analyst Initials:	DT		DT		DT		DT		DT		DT	
Dilution Factor:	1		1		1		1		1		1	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Alpha-BHC	2	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
Gamma-BHC (Lindane)	2	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
Beta-BHC	2	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
Heptachlor	2	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
Delta-BHC	2	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
Aldrin	2	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
Heptachlor Epoxide	2	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
Endosulfan I	2	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
4,4'-DDE	4	4	ND	4	ND	4	ND	4	18	4	ND	4	ND
Dieldrin	4	4	ND	4	ND	4	ND	4	ND	4	ND	4	ND
Endrin	4	4	ND	4	ND	4	ND	4	ND	4	ND	4	ND
4,4'-DDD	4	4	ND	4	ND	4	ND	4	22	4	ND	4	ND
Endosulfan II	4	4	ND	4	ND	4	ND	4	ND	4	ND	4	ND
4,4'-DDT	4	4	ND	4	ND	4	ND	20	150**	4	ND	4	49
Endrin Aldehyde	4	4	ND	4	ND	4	ND	4	ND	4	ND	4	ND
Endosulfan Sulfate	4	4	ND	4	ND	4	ND	4	ND	4	ND	4	ND
Methoxychlor	17	17	ND	17	ND	17	ND	17	ND	17	ND	17	ND
Chlordane	17	17	ND	17	ND	17	ND	17	ND	17	ND	17	ND
Toxaphene	170	170	ND	170	ND	170	ND	170	ND	170	ND	170	ND
Aroclor-1016	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1221	67	67	ND	67	ND	67	ND	67	ND	67	ND	67	ND
Aroclor-1232	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1242	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1248	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1254	33	33	ND	33	ND	33	ND	33	1010*	33	ND	33	ND
Aroclor-1260	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1262	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1268	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND

* Weathered PCB- 1254
** = Dilution Factor is 5
MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____ Date: 7/21/98
Lee Ingvaldson
Department Supervisor

The cover letter is an integral part of this analytical report

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project:	13543A/980708-01
Date Received:	07/09/98
Extraction Method:	3550
Matrix:	Soil
Units:	ug/kg

EPA Method 8080

Lab No.:	27413-023			27413-028		27413-029			27413-036			27413-037			27413-044		
Client Sample I.D.:	DTB 38-1-3.0			DTB 40-2-1		DTB 40-2-3			DTB 52-1-1			DTB 52-1-3			T 12-2-1		
Date Sampled:	07/02/98			07/02/98		07/02/98			07/02/98			07/02/98			07/02/98		
QC Batch #:	H988080S232			H988080S232		H988080S232			H988080S232			H988080S232			G988080S233		
Date Extracted:	07/10/98			07/10/98		07/10/98			07/10/98			07/10/98			07/10/98		
Date Analyzed :	07/13/98			07/13/98		07/13/98			07/13/98			07/13/98			07/13/98		
Analyst Initials:	DT			DT		DT			DT			DT			DT		
Dilution Factor:	1			1		1			1			1			1		
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results		DLR	Results		DLR	Results		DLR	Results	
Alpha-BHC	2	2	ND	2	ND	2	ND		2	ND		2	ND		2	ND	
Gamma-BHC (Lindane)	2	2	ND	2	ND	2	ND		2	ND		2	ND		2	ND	
Beta-BHC	2	2	ND	2	ND	2	ND		2	ND		2	ND		2	ND	
Heptachlor	2	2	ND	2	ND	2	ND		2	ND		2	ND		2	ND	
Delta-BHC	2	2	ND	2	ND	2	ND		2	ND		2	ND		2	ND	
Aldrin	2	2	ND	2	ND	2	ND		2	ND		2	ND		2	ND	
Heptachlor Epoxide	2	2	ND	2	ND	2	ND		2	ND		2	ND		2	ND	
Endosulfan I	2	2	ND	2	ND	2	ND		2	ND		2	ND		2	ND	
4,4'-DDE	4	4	ND	4	ND	4	ND		4	ND		4	ND		4	ND	
Dieldrin	4	4	ND	4	ND	4	ND		4	ND		4	ND		4	ND	
Endrin	4	4	ND	4	ND	4	ND		4	ND		4	ND		4	ND	
4,4'-DDD	4	4	ND	4	ND	4	ND		4	ND		4	ND		4	ND	
Endosulfan II	4	4	ND	4	ND	4	ND		4	ND		4	ND		4	ND	
4,4'-DDT	4	4	ND	4	ND	4	ND		4	ND		4	ND		4	ND	
Endrin Aldehyde	4	4	ND	4	ND	4	ND		4	ND		4	ND		4	ND	
Endosulfan Sulfate	4	4	ND	4	ND	4	ND		4	ND		4	ND		4	ND	
Methoxychlor	17	17	ND	17	ND	17	ND		17	ND		17	ND		17	ND	
Chlordane	17	17	ND	17	ND	17	ND		17	ND		17	ND		17	ND	
Toxaphene	170	170	ND	170	ND	170	ND		170	ND		170	ND		170	ND	
Aroclor-1016	33	33	ND	33	ND	33	ND		33	ND		33	ND		33	ND	
Aroclor-1221	67	67	ND	67	ND	67	ND		67	ND		67	ND		67	ND	
Aroclor-1232	33	33	ND	33	ND	33	ND		33	ND		33	ND		33	ND	
Aroclor-1242	33	33	ND	33	ND	33	ND		33	ND		33	ND		33	ND	
Aroclor-1248	33	33	ND	33	ND	33	ND		33	ND		33	ND		33	ND	
Aroclor-1254	33	33	ND	33	ND	33	ND		33	ND		33	ND		33	ND	
Aroclor-1260	33	33	ND	33	ND	33	ND		33	ND		33	ND		33	ND	
Aroclor-1262	33	33	ND	33	ND	33	ND		33	ND		33	ND		33	ND	
Aroclor-1268	33	33	ND	33	ND	33	ND		33	ND		33	ND		33	ND	

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____
Lee Ingvaldson
Department Supervisor

Date: 7/21/98

The cover letter is an integral part of this analytical report

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project:	13543A/980708-01
Date Received:	07/09/98
Extraction Method:	3550
Matrix:	Soil
Units:	ug/kg

EPA Method 8080

Lab No.:	27413-045			27413-046		27413-047		27413-050		27413-051		27413-029D	
Client Sample I.D.:	T 12-2-3			T 12-2-5		T 12-2-10		T 23-1-S		T 23-1-2.0		DTB 40-2-3	
Date Sampled:	07/02/98			07/02/98		07/02/98		07/02/98		07/02/98		07/02/98	
QC Batch #:	G988080S233			G988080S233		G988080S233		G988080S233		G988080S233		H988080S232	
Date Extracted:	07/10/98			07/10/98		07/10/98		07/10/98		07/10/98		07/10/98	
Date Analyzed :	07/13/98			07/13/98		07/13/98		07/13/98		07/13/98		07/13/98	
Analyst Initials:	DT			DT		DT		DT		DT		DT	
Dilution Factor:	1			1		1		1		1		1	
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Alpha-BHC	2	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
Gamma-BHC (Lindane)	2	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
Beta-BHC	2	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
Heptachlor	2	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
Delta-BHC	2	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
Aldrin	2	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
Heptachlor Epoxide	2	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
Endosulfan I	2	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
4,4'-DDE	4	4	ND	4	ND	4	ND	4	ND	4	ND	4	ND
Dieldrin	4	4	ND	4	ND	4	ND	4	ND	4	ND	4	ND
Endrin	4	4	ND	4	ND	4	ND	4	ND	4	ND	4	ND
4,4'-DDD	4	4	ND	4	ND	4	ND	4	ND	4	ND	4	ND
Endosulfan II	4	4	ND	4	ND	4	ND	4	ND	4	ND	4	ND
4,4'-DDT	4	4	ND	4	ND	4	ND	4	ND	4	ND	4	ND
Endrin Aldehyde	4	4	ND	4	ND	4	ND	4	ND	4	ND	4	ND
Endosulfan Sulfate	4	4	ND	4	ND	4	ND	4	ND	4	ND	4	ND
Methoxychlor	17	17	ND	17	ND	17	ND	17	ND	17	ND	17	ND
Chlordane	17	17	ND	17	ND	17	ND	17	ND	17	ND	17	ND
Toxaphene	170	170	ND	170	ND	170	ND	170	ND	170	ND	170	ND
Aroclor-1016	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1221	67	67	ND	67	ND	67	ND	67	ND	67	ND	67	ND
Aroclor-1232	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1242	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1248	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1254	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1260	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1262	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND
Aroclor-1268	33	33	ND	33	ND	33	ND	33	ND	33	ND	33	ND

MDL = Method Detection Limit
ND = Not Detected (Below DLR).
DLR = MDL X Dilution Factor
NA = Not Analyzed

Reviewed/Approved By: _____

Lee Ingvaldson
Department Supervisor

Date: 7/21/98

Data reviewed is an integral part of this analytical report

Spike Recovery and RPD Summary Report. - SOIL(ug/kg)

Method : C:\HPCHEM\1\METHODS\PCBPEST.M (Chemstation Integrator)
Title : 8081 Pesticides Advanced Technology Laboratory
Last Update : Fri Jul 24 09:06:20 1998
Response via : Initial Calibration

Non-Spiked Sample: GB0723A.D

	Spike Sample	Spike Duplicate Sample
File ID :	GMS0723C.D	GMD0723C.D
Sample :	Blank MS E:7/10/98	Blank MSD E:7/10/98
Acq Time:	24 Jul 1998 8:11 am	24 Jul 1998 8:47 am

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
gamma-BHC	0.0	40	35	39	87	97	1	15	55-117
Heptachlor	0.0	40	39	39	97	97	0	13	38-120
Aldrin	0.0	40	38	40	95	100	5	17	47-125
Dieldrin	0.0	80	82	86	103	108	5	9	59-123
Endrin	0.0	80	91	93	113	117	3	13	64-131
4,4'-DDT	0.0	80	86	84	108	106	2	20	24-141

QC Batch #:C9880802333

Reviewed and Approved by: _____ Date: 7/27/98
Lee Ingvaldson
Organics Supervisor

Spike Recovery and RPD Summary Report - SOIL(ug/kg)

Method : C:\HPCHEM\1\METHODS\PCB54.M (Chemstation Integrator)
Title : 8082 PCB's Advanced Technology Laboratory
Last Update : Fri Mar 20 12:30:24 1998
Response via : Initial Calibration

Non-Spiked Sample: GB0713B.D

	Spike Sample	Spike Duplicate Sample
File ID :	GMS0713B.D	GMD0713B.D
Sample :	Blank MS E:7/10/98	Blank MSD E:7/10/98
Acq Time:	14 Jul 1998 8:06 am	14 Jul 1998 8:40 am

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
AROCLOR 1254	0.0	200	191	194	95	97	2	16	55-149
AROCLOR 1254 #2	0.0	200	185	185	93	92	0	16	55-149

QC Batch #:G980806S233

Reviewed and Approved by: _____ Date: 7/27/98
Lee Ingvaldson
Organics Supervisor

Spike Recovery and RPD Summary Report - SOIL(ug/kg)

Method : C:\HPCHEM\1\METHODS\PCBPEST.M (ChemStation Integrator)
Title : 8080 Pesticides
Last Update : Sun Jul 12 19:04:32 1998
Response via : Initial Calibration

Non Spiked Sample: HB0713A.D

	Spike Sample	Spike Duplicate Sample
File ID :	HMS0713A.D	HMD0713A.D
Sample :	Blank MS E:7/10/98	Blank MSD E:7/10/98
Acq Time:	13 Jul 1998 11:07 pm	13 Jul 1998 11:45 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
gamma-BHC	0.0	40	29	31	73	76	4	9	50-127
Heptachlor	0.0	40	31	29	77	72	7	12	35-136
Aldrin	0.0	40	28	28	69	71	3	15	47-143
Dieldrin	0.0	80	68	69	85	86	1	8	54-134
Endrin	0.0	80	78	79	98	99	1	16	61-138
4,4' DDT	0.0	80	65	65	81	81	1	22	15-155

QC Batch #:H988080232

Reviewed and Approved by: _____ Date: 7/27/98
Leo Ingvaldson
Organics Supervisor

Spike Recovery and RPD Summary Report - SOIL(ug/kg)

Method : C:\HPCHEM\1\METHODS\PCB54.M (Chemstation Integrator)
Title : 8082 PCB's Advanced Technology Laboratory
Last Update : Fri Mar 20 12:30:24 1998
Response via : Initial Calibration

Non-Spiked Sample: GB0713A.D

	Spike Sample	Spike Duplicate Sample
File ID :	GMS0713A.D	GMD0713A.D
Sample :	Blank MS E:7/10/98	Blank MSD E:7/10/98
Acq Time:	14 Jul 1998 6:25 am	14 Jul 1998 6:59 am

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
AROCLOR 1254	0.0	200	201	198	101	99	2	16	55-149
AROCLOR 1254 #2	0.0	200	187	185	94	92	1	16	55-149

QC Batch #:G988080S232

Reviewed and Approved by: _____ Date: 7/22/98
Lee Ingvaldson
Organics Supervisor

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980527-04
PACE ANALYTICAL WO #: 13164B
Client ID #:575-8G001

Date: 7/10/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/06/98 and received on 06/06/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead, STLC Mercury (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 980527-04
PACE ANALYTICAL WO#:131648
Client ID#:575-8C001

Analyst: BJ
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC STLC METALS

Sample ID	Preparation Date	Analysis Date	STLC Mercury mg/L	PRL mg/L	STLC Lead mg/L	PRL mg/L	DF
Units							
Method Blank	07/07/98	07/07/98	<0.01	0.01	<0.2	0.2	1
R5-1-30	07/07/98	07/07/98	<0.01	0.01	---	---	20
Method Blank	06/19/98	06/24/98	<0.01	0.01	<0.2	0.2	1
T28-1-3	06/19/98	06/24/98	---	---	11	0.2	1
T28-1-5	06/19/98	06/24/98	---	---	11	0.2	1
T28-1-10	06/19/98	06/24/98	---	---	5.9	0.2	1
T28-1-20	06/19/98	06/24/98	---	---	11	0.2	1
T28-1-25	06/19/98	06/24/98	---	---	3.1	0.2	1
T28-2-5	06/19/98	06/24/98	---	---	4.2	0.2	1
T28-2-5	06/19/98	06/24/98	---	---	2.5	0.2	1
T28-2-10	06/19/98	06/24/98	---	---	9.6	0.2	1
T28-2-30	06/19/98	06/24/98	---	---	7.6	0.2	1
T28-2-35	06/19/98	06/24/98	---	---	2.9	0.2	1
T28-2-40	06/19/98	06/24/98	---	---	8.2	0.2	1
T28-2-55	06/19/98	06/24/98	---	---	5.7	0.2	1
R5-1-2	06/19/98	06/24/98	---	---	7.7	0.2	1
R5-1-4	06/19/98	06/24/98	---	---	7.4	0.2	1
R5-1-10	06/19/98	06/24/98	---	---	6.0	0.2	1
R5-1-20	06/19/98	06/24/98	---	---	5.1	0.2	1
R5-1-25	06/19/98	06/24/98	---	---	3.7	0.2	1
R5-2-4	06/19/98	06/24/98	---	---	8.5	0.2	1
R5-2-20	06/19/98	06/24/98	---	---	11	0.2	1
R5-2-25	06/19/98	06/24/98	---	---	12	0.2	1

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 980515-07
PACE ANALYTICAL WO#:132388
Client ID#:575-8G001

Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Units			STLC Mercury mg/L	PRL mg/L	STLC Lead mg/L	PRL mg/L	STLC Chromium mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date							
Method Blank	07/07/98	07/07/98	<0.01	0.01	<0.2	0.2	<0.1	0.1	1
T9-1-3	07/07/98	07/07/98	0.014	0.01	—	—	—	—	20
Method Blank	06/30/98	07/06/98	<0.01	0.01	<0.2	0.2	<0.1	0.1	1
T9-1-3	06/30/98	07/06/98	—	—	32	0.2	—	—	10
T9-1-5	06/30/98	07/06/98	—	—	18	0.2	—	—	10
T9-3-5	06/30/98	07/06/98	—	—	8.7	0.2	—	—	10
T9-3-5	06/30/98	07/06/98	—	—	3.1	0.2	—	—	10
T6-1-5	06/30/98	07/06/98	—	—	14	0.2	—	—	10
T6-3-10	06/30/98	07/06/98	—	—	540	0.2	—	—	10
T5-3-5	06/30/98	07/06/98	—	—	23	0.2	—	—	10
T5-4-5	06/30/98	07/06/98	—	—	28	0.2	—	—	10
T7-4-5	06/30/98	07/06/98	—	—	—	—	0.6	0.1	10
T6-1-5	06/30/98	07/06/98	—	—	—	—	0.4	0.1	10
T6-2-5	06/30/98	07/06/98	—	—	—	—	0.2	0.1	10
T6-3-5	06/30/98	07/06/98	—	—	—	—	0.5	0.1	10
T6-3-15	06/30/98	07/06/98	—	—	—	—	0.2	0.1	10
T5-3-5	06/30/98	07/06/98	—	—	—	—	0.3	0.1	10

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980529-02
PACE ANALYTICAL WO #: 131888
Client ID #:8G001 SFW

Date: 6/29/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/08/98 and received on 05/09/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. CLAP certification #1775

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Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980529-02
PACE ANALYTICAL WO#:131888
Client ID#:8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/24/98		06/24/98	06/24/98			
Analyte							
STLC Lead	98	70-130	109	110	70-130	0.9	0-25

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597 0786

Pace Analytical

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L		micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<		less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

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980509-12
980529-02

423416

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 320 W Winton Ave, Hayward CA 94545	Bill To: Same		Pace Project Manager
Phone: 510 785 1111	P.O. # / Billing Reference: 26001 SFW		Pace Project No.
	Project Name / No.		*Requested Due Date: 5-25-98

Sampled By (PRINT): Tim O'Brien

Sampler Signature: Tim O'Brien

Date Sampled: 5/5/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8260 TCLP + TPHG + BTEX	8260	SVOC	REMARKS
1	T-25-2-SUR		S		1						X	X	X	
2	T-25-2-3		S		1						X	X	X	⊗
3	T-25-2-5		S		1						X	X	X	
4	T-25-2-10		S		1						X	X	X	⊗
5	T-25-2-15		S		1						X	X	X	
6	T-25-2-20		S		1						X	X	X	⊗
7	T-25-2-25		S		1						X	X	X	Rush (1 week)
8	T-25-2-30		S		1									Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Tim O'Brien	5/5/98		Hunglam / Pace	5-7-98	1300

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

F RS DE II UC IS

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980528-09
PACE ANALYTICAL WO #: 13189B
Client ID #:575-8G001

Date: 6/29/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/08/98 and received on 05/09/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters.

ANALYTICAL TEST	PAGE
STLC Lead, STLC Chromium (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by:
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1229.

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Pace Analytical

PACE ANALYTICAL Project#:980528-00
PACE ANALYTICAL WO# 131898
Client ID#:575 (C3001

Analyst: BJ
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Sample ID	Preparation Date	Analysis Date	STLC Lead mg/L	PRL mg/L	STLC Chromium mg/L	PRL mg/L	DF
Units							
Method Blank	06/19/98	06/24/98	<0.2	0.2	<0.1	0.1	1
TH22-1-10	06/19/98	06/24/98	---	---	1.1	0.1	1
TH23-1-15	06/19/98	06/24/98	---	---	0.08	0.1	1
TH24-1-5	06/19/98	06/24/98	---	---	0.27	0.1	1
TH24-1-3	06/19/98	06/24/98	---	---	0.19	0.1	1
TH24-1-5	06/19/98	06/24/98	---	---	0.23	0.1	1
TH23-1-5	06/19/98	06/24/98	9.2	0.2	---	---	1
TH25-1-5	06/19/98	06/24/98	5.3	0.2	---	---	1
TH22-1-5	06/19/98	06/24/98	3.5	0.2	---	---	1

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 980528-09
PACE ANALYTICAL WO# 131808
Client ID# 575-BG001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/24/98		06/24/98	06/24/98			
Analyte							
STLC Lead	98	70-130	113	114	70-130	0.9	0-25
STLC Chromium	97	70-130	110	110	75-108	0.0	0-9

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/24/98		06/24/98	06/24/98			
Analyte							
STLC Lead	98	70-130	109	110	70-130	0.9	0-25
STLC Chromium	97	70-130	107	107	75-108	0.0	0-9

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L		micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

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423333

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton, Hayward CA 9454[illegible]	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone	Project Name / No.		Requested Due Date: 5-25-98

Sampled By (PRINT): Scott Bowen

Sampler Signature: [signature] Date Sampled: 5/8/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCL-METALS	TPH-D	PCB	VOCs	SVOCs	STLC Pb	STLC Cr	REMARKS
1	TH22-1-3	840	S								X	X	X	X	X			
2	TH22-1-5	845	|								↓	↓	↓	↓	•			
3	TH22-1-10	850	|								↓	↓	↓	↓	↓	⊗		RUSH
4	TH22-1-15	900	•								↓	↓	↓	↓	↓			Archive
5	TH23-1-3	920	|								X	X		X	X			
6	TH23-1-3	925	|								↓	↓		↓	↓			
7	TH23-1-5	930	|								↓	↓		↓	↓	⊗		
8	TH23-1-10	935	√								↓	↓		↓	↓			RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSI	5/8/98	1700	FEDEX	5/8/98	1700

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

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98052B-03
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423336

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: DSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Hayward CA.	Bill To: ←		Pace Project Manager
Phone: (510) 785-11	P.O. # / Billing Reference: 575-8801		Pace Project No.
	Project Name / No.: West Approach		*Requested Due Date: 5-28-98

Sampled By (PRINT):

Sampler Signature | Date Sampled

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR METALS	TRH-3	VOCs	SVOCs	PCB	STLC Pb	STLC Cr	REMARKS
1	TH23-1-1.5	940	S								X	X	X	X		⊗		Archive
2	TH 24-1-5	1000													X	⊗		
3	TH 24-1-3	1005														⊗		RUSH
4	TH 24-1-5	1010														⊗		
5	TH 24-1-10	1020																
6	TH 24-1-15	1025																Archive
7	TH25-1-5	1105									X	X	X	X	⊗			
8	TH25-1-3	1110	↓								X	X	X	X				RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible]			Hunglam/Pace	5-9-98	1300

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical

13189A
9805[illegible]-03 4 423332
Page 3 of 4

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Possi	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 Winton Hayward, CA	Bill To: ←		Pace Project Manager
	P.O. # / Billing Reference: 8G001		Pace Project No.
Phone: (510) 785-1114	Project Name / No.: West App		*Requested Due Date: 5-25-98

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-5	VOCs	SVOCs	PCB	BTEX	REMARKS
1	TH25-1-5	1110	S								X	X	X	X			Archive
2	TH25-1-10	1120	↓								↓	↓	↓	↓			↓
3	TH25-1-15	1125	↓								↓	↓	↓	↓			
4	x TH20-2-5	1300	↓								X	X	X				
5	TH20-2-3	1305	↓								↓	↓	↓				RUSH
6	TH20-2-5	1310	↓								↓	↓	↓	↓			Archive
7	TH21-3-5	1315	↓								X	X	X	X	No		RUSH
8	TH21-3-3	1320	↓								X	X	X	X	No		~~RUSH~~ Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/6/98	1700	FEDEX	5/6/98	1700

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

E ER ID R RU DN

Pace Analytical

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480526-05 14
Page 4 of 5

423335

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Pass	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: Hayward	Bill To:		Pace Project Manager
Phone	P.O. # / Billing Reference		Pace Project No.
	Project Name / No.		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature] Date Sampled: 5/8/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	8260	8270	PCB	BTEX	No	UK	SLC Pb	REMARKS
1	~~T22-2-5~~ TH22-5	1330	S								X	X	X	X	X	X	X	X	X	~~Archive~~
2	T22-2-5	1340									X	X	X							RUSH
3	T22-2-4	1345									X	X	X							Archive
4	T24-2-3	1420									X	X	X							
5	T24-2-3	1425									↓	↓	↓							
6	T24-2-5	1430																		RUSH
7	T24-2-10	1435	↓																	Archive
8	T24-3-5	1445																		RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSI	5/8/98	1700	FEDEX	5/8/98	1700

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Additional Comments

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CAL.TRANS
Site Location:

PACE ANALYTICAL Project #: 980527-03
PACE ANALYTICAL WO #: 13163B
Client ID #:8G001 SFW

Date: 6/29/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/07/98 and received on 05/07/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead, STLC Chromium (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by:
Richard Villafana, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on a as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 080527-03
PACE ANALYTICAL WO#:131838
Client ID#:8C001 SFW

Analyst: BJ
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/L	STLC Chromium mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date					
Method Blank	06/16/98	06/24/98	<0.2	0.2	<0.1	0.1	1
TZ7-2-S	06/16/98	06/24/98	3.7	0.2	---	---	1
TZ7-2-2	06/16/98	06/24/98	4.0	0.2	---	---	1
TZ7-2-15	06/16/98	06/24/98	1.9	0.2	---	---	1
TZ7-2-20	06/16/98	06/24/98	12	0.2	---	---	1
TZ7-2-25	06/16/98	06/24/98	12	0.2	---	---	1
TZ7-1-3	06/16/98	06/24/98	23	0.2	---	---	1
TZ7-1-15	06/16/98	06/24/98	3.1	0.2	---	---	1
R4-1-SUR	06/16/98	06/24/98	4.5	0.2	---	---	1
R4-1-2	06/16/98	06/24/98	5.2	0.2	---	---	1
R4-1-5	06/16/98	06/24/98	2.1	0.2	---	---	1
R4-1-10	06/16/98	06/24/98	---	---	1.7	0.1	1

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/24/98		06/24/98	06/24/98			
Analyte							
STLC Lead	98	70-130	102	97	70-130	5.0	0-25
STLC Chromium	97	70-130	99	99	75-108	0.0	0-9

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/24/98		06/24/98	06/24/98			
Analyte							
STLC Lead	98	70-130	107	107	70-130	0.0	0-25
STLC Chromium	97	70-130	105	105	75-108	0.0	0-9

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980527-03
PACE ANALYTICAL WO# 131638
Client ID# 8G001 SFW

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA		EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L		micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS		Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

13163B
980508-08
980527-03

423415

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: DCI	Report To: Frank Pass	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1500 W Wilson Ave Hayward CA 94545	Bill To:		Pace Project Manager
Phone: 510 785 1111	P.O. # / Billing Reference: 18600 <FW		Pace Project No
	Project Name / No.		*Requested Due Date: 6/10/98

Sampled By (PRINT): Tim O'Brien

Sampler Signature: Tim O'Brien Date Sampled: 5/15

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: EPA 8015M	EPA 8020	STLC Zn	REMARKS
T-27-2-SUR				1						X	X	X	
T-27-2-2'				1						X	X	X	
T-27-2-4'				1						X	X	X	
T-27-2-10'				1						X	X	X	
T-27-2-15				1						X	X	X	
T-27-2-20'				1						X	X	X	
T-27-2-25'				1						X	X	X	
				1						X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Tim O'Brien	5/15				

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Granularity

– SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

13163B
980508 08
980527-03

423414

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Fink Foss
Address: 1320 W Winton Ave Hayward CA 94545	Bill To:
Phone: 510 785 1111	P.O. # / Billing Reference: 8G001.SAM
	Project Name / No.

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6/10/98

Sampled By (PRINT): Tim O'Sullivan
Sampler Signature: Tim O'Sullivan
Date Sampled:

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	8015	8260	8270	8021	5LC Pb	REMARKS
T-27-2-35										X	X		X			Rush / Hold Archive
T-27-2-40																
T-27-1-SUR										X	X			X	X	
~~T-27-3~~																
T-27-1-3'										X	X			X	X	⊗
T-27-1-5'										X	X			X	X	
T-27-1-10'										✓	✓			X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
		6/5				

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

13163B
~~980508-16~~
980527-03

423413

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: BJ	Report To: Fran Pass	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1520 W. Winton Ave Hayward CA 94545	Bill To:		Pace Project Manager
Phone: 510 785 1111	P.O. # / Billing Reference: 8600456		Pace Project No.
	Project Name / No.		*Requested Due Date: 6/10/98

Sampled By (PRINT): Tim O'Brien

Sampler Signature: Tim O'Brien Date Sampled: 5/7/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUESTED: Cam 17 Metals	Rich 16 Metals	Arch 10 Metals	Title 22 Metals	STLC Cr	5 days	REMARKS
T-27-1-15'										X	X		X	X	⊗	
T-27-1-20										X	X		X	X		
T-27-1-25										X	X		X	X		Rich (Cam 17) Archive
T-27-1-30																
R4-1-SUR										X	X	X	X	X	⊗	
R4-1-2'										X	X	X	X	X	⊗	
R4-1-5'										X	X	X	X	X	⊗	
R4-1-10'										X	X	X	X	X	⊗	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Tim O'Brien	5/7/98				

Additional Comments

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980522-04
PACE ANALYTICAL WO #: 13162B
Client ID #:575-8G001

Date: 7/13/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/06-07/98 received on 05/22/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters.

ANALYTICAL TEST	PAGE
STLC Lead, STLC Chromium, STLC Mercury (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafana, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:080522-04
PACE ANALYTICAL WO#:13162R
Client ID#:575-8C001

Analyst: BJ
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Units			STLC Mercury mg/L	PRL mg/L	STLC Lead mg/L	PRL mg/L	STLC Chromium mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date							
Method Blank	07/07/98	07/07/98	<0.01	0.01	---	---	---	---	1
L13-2	07/07/98	07/07/98	<0.01	0.01	---	---	---	---	1
Method Blank	06/16/98	06/29/98	---	---	<0.2	0.2	<0.1	0.1	1
L1-2	06/16/98	06/29/98	---	---	41	0.2	---	---	1
L2-S	06/16/98	06/29/98	---	---	16	---	---	---	1
L2-2	06/16/98	06/29/98	---	---	18	---	---	---	1
L3-S	06/16/98	06/29/98	---	---	11	---	---	---	1
L3-2	06/16/98	06/29/98	---	---	56	0.2	---	---	1
L4-S	06/16/98	06/29/98	---	---	<0.2	0.2	---	---	1
L4-2	06/16/98	06/29/98	---	---	200	0.2	---	---	1
L5-S	06/16/98	06/29/98	---	---	110	0.2	1.8	0.1	1
L5-2	06/16/98	06/29/98	---	---	27	0.2	---	---	1
L6-S	06/16/98	06/29/98	---	---	10	0.2	---	---	1
L6-2	06/16/98	06/29/98	---	---	12	0.2	---	---	1
L8-S	06/16/98	06/29/98	---	---	13	0.2	2.9	0.1	1
L8-2	06/16/98	06/29/98	---	---	0.8	0.2	---	---	1
L9-S	06/16/98	06/29/98	---	---	5.5	0.2	---	---	1
L9-2	06/16/98	06/29/98	---	---	2.1	0.2	---	---	1
L11-S	06/16/98	06/29/98	---	---	28	0.2	---	---	1
L12-2	06/16/98	06/29/98	---	---	---	---	0.7	0.1	1
L13-2	06/16/98	06/29/98	---	---	1.4	0.2	---	---	1
L14-S	06/16/98	06/29/98	---	---	27	0.2	---	---	1
L14-2	06/16/98	06/29/98	---	---	---	---	0.8	0.1	1
L7-S	06/16/98	06/29/98	---	---	2.1	0.2	---	---	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980522 04
PACE ANALYTICAL WO#:131628
Client ID# S75 8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

		ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		06/24/98		06/24/98	06/24/98			
Analyte	**EPA Method**							
STLC Lead	6010	98	70-130	98	98	70-130	0.0	0-25
STLC Chromium	6010	97	70-130	106	106	75-108	0.0	0-9
Analysis Date:		06/24/98		06/24/98	06/24/98			
Analyte	**EPA Method**							
STLC Lead	6010	98	70-130	94	95	70-130	1.1	0-25
STLC Chromium	6010	97	70-130	97	97	75-108	0.0	0-9
Analysis Date:		07/07/98		07/07/98	07/07/98			
STLC Mercury	7471	96	70-130	82	90	80-120	9.0	0-10

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

13162B 423401
~~780508-07~~ 780522-04

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI
Address: 1320 W WINTON AVE
HAYWARD CA 94545
Phone: 510 786 1111

Report To: FRANK PASS
Bill To: SAME
P.O. # / Billing Reference: 81001 SFD
Project Name / No.: CHEVRONS SFD

Turn around Time
- [x] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: [signature]
Date Sampled: 5/6/18

ITEM ID	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH		ANALYSES REQUEST: TPHd	TPHg BTEX	8260 VOCs	8260 FUEL OXYS	8260 FULL	8260 PCAM 17	STLC Pb	STLC Cr	REMARKS
1	L5-5	1055	SOIL		1							X	X	X	X	X	X	X	X	
2	L5-2.0	1100			1							X	X	X	X	X	X	X		
3	L6-5	1120			1							X	X	X	X		X	X		
4	L6-2.0	1125			1							X	X	X	X		X	X		
5																				
6																				
7																				
8																				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/6/18				

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

Pace Analytical

13162B
980508-07
980522-04

423402

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK KASS	Turn around Time: ☒ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE. HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: SUBCONTRACT		Pace Project No.
	Project Name / No.: CHEVRON		*Requested Due Date:

Sampled By (PRINT): MIKE MERRITT

Sampler Signature: MIKE MERRITT

Date Sampled: 5/6/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020 BTEX	8260 VOA	8270 SVOA	8240 PRIS	TPH-D	STLC Pb	REMARKS
1	L1-5	0910	SOIL		1			X			X	X	X	X	X	X		
2	L1-2.0	0915			1						X	X	X	X	X	X	X	
3	L2-5	0930			1						X	X	X	X		X	X	
4	L2-2.0	0935			1						X	X	X	X		X	X	
5	L3-5	0945			1						X	X	X	X	X	X	X	
6	L3-2.0	0950			1						X	X	X	X	X	X	X	
7	L4-5	10:30			1						X	X	X	X		X	X	
8	L4-2.0	10:35			1						X	X	X	X		X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	MIKE MERRITT	5/6/98				

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical

13162B 423404
980508-07
980522-04

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK ROSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE. HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 8600-1		Pace Project No.
	Project Name / No.: CALTRANS SFW		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 5/7/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH/5	8260	8270	8080 PCB	(Mod.) 17	STLC Pb	STLC Cr	REMARKS
1	L8-5	1133	SOIL		1						X	X	X		X	X	⊗	
2	L8-2.8	1137			1						X	X	X		X	⊗		
3	L9-5	1145			1						X	X	X	X	X	⊗		
4	L9-2.0	1150			1						X	X	X	X	X	⊗		
5	L10-5	1205			1						X	X	X		X			
6	L10-2.0	1210			1						X	X	X		X			
7	L11-5	1215			1						X	X	X	X	X	⊗		
8	L11 2.0	1220	↓		1						X	X	X	X	X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/7/98	1340			

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

1316B 423405
~~78C5TL-07~~ 980522-04

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK GUSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE. HAYWARD CA 94545	Bill To: SAM		Pace Project Manager
	P.O. # / Billing Reference: 86001		Pace Project No.
Phone: 510 785-1111	Project Name / No.: CALTRANS SFW		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT Date Sampled: 5/7/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 1664	8260	418.1	8015 PHC	TRPH 1.7	STLC Pb	STLC Cr	STLC Ni	REMARKS
1	L 12 - 5	1225	SOIL		1						X	X	X		X				
2	L 12 - 2.0	1230			1						X	X	X		X		⊗		
3	L 13 - 5	1240			1						X	X	X	X	X				
4	L 13 - 2.0	1245			1						X	X	X	X	X	⊗		⊗	
5	L 14 - 5	1300			1						X	X	X		X	⊗			
6	L 14 - 2.0	1305			1						X	X	X		X		⊗		
7	L 7 - 5	5/8/98			1						X	X	X	X	X				
8																			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/7/98	1340			

SAMPLE CONDITION

Temp: ____ °C	Received on ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Pace Analytical Services, Inc
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980527-04
PACE ANALYTICAL WO #: 13164B
Client ID #:575-8G001

Date: 7/10/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/06/98 and received on 06/06/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters.

ANALYTICAL TEST	PAGE
STLC Lead, STLC Mercury (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. CLAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562 597 0786

Pace Analytical

PACE ANALYTICAL Project#:980527 04
PACE ANALYTICAL WO#:131648
Client ID# 575-6G001

Analyst: BJ
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC STLC METALS

Units			STLC Mercury mg/L	PRL mg/L	STLC Lead mg/L	PRL mg/L	DF
Sample ID	**Preparation Date**	**Analysis Date**					
Method Blank	07/07/98	07/07/98	<10	10	<0.2	0.2	1
R5-1-30 5	07/07/98	07/07/98	<10	10	---	---	20
Method Blank	06/19/98	06/24/98	<10	10	<0.2	0.2	1
T28-1-3	06/19/98	06/24/98	---	---	11	0.2	1
T28-1-5	06/19/98	06/24/98	---	---	11	0.2	1
T28-1-10	06/19/98	06/24/98	---	---	5.9	0.2	1
T28-1-20	06/19/98	06/24/98	---	---	11	0.2	1
T28-1-25	06/19/98	06/24/98	---	---	3.1	0.2	1
T28-2-S	06/19/98	06/24/98	---	---	4.2	0.2	1
T28-2-5	06/19/98	06/24/98	---	---	2.5	0.2	1
T28-2-10	06/19/98	06/24/98	---	---	9.6	0.2	1
T28-2-30	06/19/98	06/24/98	---	---	7.6	0.2	1
T28-2-35	06/19/98	06/24/98	---	---	2.9	0.2	1
T28-2-40	06/19/98	06/24/98	---	---	8.2	0.2	1
T28-2-55	06/19/98	06/24/98	---	---	5.7	0.2	1
R5-1-2	06/19/98	06/24/98	---	---	7.7	0.2	1
R5-1-4	06/19/98	06/24/98	---	---	7.4	0.2	1
R5-1-10	06/19/98	06/24/98	---	---	6.0	0.2	1
R5-1-20	06/19/98	06/24/98	---	---	6.1	0.2	1
R5-1-25	06/19/98	06/24/98	---	---	3.7	0.2	1
R5-2-4	06/19/98	06/24/98	---	---	8.5	0.2	1
R5-2-20	06/19/98	06/24/98	---	---	11	0.2	1
R5-2-25	06/19/98	06/24/98	---	---	12	0.2	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 980527-04
PACE ANALYTICAL WO#:131648
Client ID#:575 8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC STLC METALS

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/24/98		06/24/98	06/24/98			
Analyte							
STLC Lead	98	70-130	105	105	70-130	0.0	0-25
Analysis Date:	07/07/98		07/07/98	07/07/98			
STLC Mercury	96	70-130	82	90	75-108	9	0-9

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/24/98		06/24/98	06/24/98			
Analyte							
STLC Lead	97	70-130	109	109	70-130	0.0	0-25

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980527-04
PACE ANALYTICAL WO#:131648
Client ID#:575-8G001

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/l	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

131648 423409
980527-04
CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSE	Report To: Frank Ross	Turn around Time: ☑ 24 Hours	Pace Client No.
Address: 320 W. Winton Ave	Bill To: Same	☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Project Manager
Hayward CA 94545	P.O. # / Billing Reference: 56000/05801		Pace Project No.
Phone: 510 785 1111	Project Name / No.: Cottons		*Requested Due Date: 6/10/98

Sampled By (PRINT): Tim O'Brien
Sampler Signature: Tim O'Brien
Date Sampled: 6/6/98

ITEM NO	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST	REMARKS
1	R5-1-20				1							
2	R5-1-25				1							
3	R5-1-30				1							Rush (1 week) TAT SCA #8270
4 R4	R5-1-35				1							Archive
5	R5-1-40				1							
6	R5-2-SUR				1							
7	R5-2-2				1							
8	R5-2-4				1							

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
		6/6/98				

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980511-02
PACE ANALYTICAL WO #:13194B
Client ID #: 8G001

Date: 7/1/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/08/98 and received on 05/11/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980511-02
PACE ANALYTICAL WO#:13194B
Client ID#:BG001

Analyst: BJ
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Sample ID	Preparation Date	Analysis Date	STLC Lead mg/L	PRL mg/L	DF
Units					
Method Blank	06/19/98	06/24/98	<0.2	0.2	1
TH26-1-S	06/19/98	06/24/98	59	0.2	1
TH26-1-3	06/19/98	06/24/98	97	0.2	1
TH26-1-5	06/19/98	06/24/98	9.4	0.2	1
TH27-1-S	06/19/98	06/24/98	67	0.2	1
D2-S	06/24/98	06/28/98	14	0.2	1
D3-3	06/24/98	06/28/98	9.0	0.2	1
D6-S	06/24/98	06/28/98	31	0.2	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/24/98		06/24/98	06/24/98			
Analyte							
STLC Lead	98	70-130	113	114	70-130	0.9	0-25

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/28/98		06/28/98	06/28/98			
Analyte							
STLC Lead	98	70-130	115	113	70-130	1.8	0-25

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

13194A 423411
980511-02

Page 2/2

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☒ 1 Week ☐ 2 Weeks ☐ Normal 14 Days PER FRANK POSS	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001		Pace Project No.
	Project Name / No.: CALTRANS SFW		*Requested Due Date: 5-18-98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature / Date Sampled: CHRIS MERRITT

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8260	8270	8080 PAB	CAM 17	STLC Pb				REMARKS
D2-5	0837	SOIL	6 A 5/21	1						X	X	X	X	X	⊗				
D2-3.0	0945			1						X	X	X	X	X					*
D3-5	0953			1						X	X	X		X					
D3-3.0	1019			1						X	X	X		X	⊗				
D6-5	1336			1						X	X	X	X	X	⊗				
D7-5	1511		B 5/21	1						X	X	X		X					
D7-1.0 (ARCHIVE)	1520			1						X	X	X		X					

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/8/98		Hung Lam / Pace	5-11-98	10:0

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980526-16
PACE ANALYTICAL WO #: 13200B
Client ID #:575-8G001 SFW

Date: 9/1/99

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/11/98 and received on 05/12/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead, STLC Chromium (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1775.

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Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980526-16
PACE ANALYTICAL WO#:13200B
Client ID#:375-8G001 SFW

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/L	STLC Chromium mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date					
Method Blank	06/24/98	06/28/98	<0.2	0.2	<0.1	0.1	1
T26-1-SUR	06/24/98	06/28/98	7.1	0.2	0.2	0.1	1
T26-1-3	06/24/98	06/28/98	6.1	0.2	0.6	0.1	1
T26-1-5	06/24/98	06/28/00	—	—	0.7	0.1	1
T26-1-15	06/24/98	06/28/98	17	0.2	—	—	1
T26-1-25	06/24/98	06/28/00	17	0.2	—	—	1
T25-2-SUR	06/24/98	06/28/98	4.0	0.2	—	—	1
T26-2-3	06/24/98	06/28/98	6.7	0.2	0.6	0.1	1
T26-2-5	06/24/98	06/28/98	7.6	0.2	0.8	0.1	1
T26-2-10	06/24/98	06/28/98	11	0.2	0.9	0.1	1
T26-2-30	06/24/98	06/28/98	16	0.2	—	—	1
R3-1-SUR	06/24/98	06/28/98	6.0	0.2	—	—	1
R3-1-2	06/24/98	06/28/98	—	—	0.3	0.1	1
R3-1-5	06/24/98	06/28/00	7.2	0.2	—	—	1
R3-1-15	06/24/98	06/28/98	6.0	0.2	—	—	1
R3-2-15	06/24/98	06/28/00	6.1	0.2	—	—	1
R3-2-25	06/24/98	06/28/98	6.3	0.2	—	—	1
R3-2-2	06/24/98	06/28/98	6.4	0.2	—	—	1

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Long Beach, CA 90815
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Fax: 562-597-0786

Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/28/98		06/28/98	06/28/98			
Analyte							
STLC Lead	98	70-130	115	113	70-130	1.8	0-25
STLC Chromium	98	70-130	115	111	75-108	3.5	0-9

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Pace Analytical

PACE ANALYTICAL Project#:980526-16
PACE ANALYTICAL WO#:132008
Client ID#:575-8G001 SPW

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/24/98		06/24/98	06/24/98			
Analyte							
STLC Lead	98	70-130	113	114	70-130	0.9	0-25

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/28/98		06/28/98	06/28/98			
Analyte							
STLC Lead	98	70-130	115	113	70-130	1.8	0-25

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
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Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980526-16
PACE ANALYTICAL WO #: 13200B
Client ID #:575-8G001 SFW

Date: 9/1/99

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/11/98 and received on 05/12/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead, STLC Chromium (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1775.

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Pace Analytical

PACE ANALYTICAL Project#:980526-16
PACE ANALYTICAL WO#:13200B
Client ID#:375-8G001 SFW

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/L	STLC Chromium mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date					
Method Blank	06/24/98	06/28/98	<0.2	0.2	<0.1	0.1	1
T26-1-SUR	06/24/98	06/28/98	7.1	0.2	0.2	0.1	1
T26-1-3	06/24/98	06/28/98	6.1	0.2	0.6	0.1	1
T26-1-5	06/24/98	06/28/00	—	—	0.7	0.1	1
T26-1-15	06/24/98	06/28/98	17	0.2	—	—	1
T26-1-25	06/24/98	06/28/00	17	0.2	—	—	1
T25-2-SUR	06/24/98	06/28/98	4.0	0.2	—	—	1
T26-2-3	06/24/98	06/28/98	6.7	0.2	0.6	0.1	1
T26-2-5	06/24/98	06/28/98	7.6	0.2	0.8	0.1	1
T26-2-10	06/24/98	06/28/98	11	0.2	0.9	0.1	1
T26-2-30	06/24/98	06/28/98	16	0.2	—	—	1
R3-1-SUR	06/24/98	06/28/98	6.0	0.2	—	—	1
R3-1-2	06/24/98	06/28/98	—	—	0.3	0.1	1
R3-1-5	06/24/98	06/28/00	7.2	0.2	—	—	1
R3-1-15	06/24/98	06/28/98	6.0	0.2	—	—	1
R3-2-15	06/24/98	06/28/00	6.1	0.2	—	—	1
R3-2-25	06/24/98	06/28/98	6.3	0.2	—	—	1
R3-2-2	06/24/98	06/28/98	6.4	0.2	—	—	1

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Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/28/98		06/28/98	06/28/98			
Analyte							
STLC Lead	98	70-130	115	113	70-130	1.8	0-25
STLC Chromium	98	70-130	115	111	75-108	3.5	0-9

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Pace Analytical

PACE ANALYTICAL Project#:980526-16
PACE ANALYTICAL WO#:132008
Client ID#:575-8G001 SPW

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

Pace Analytical Services, Inc.
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Long Beach, CA 90815
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Pace Analytical

3970 Gilman Street
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Phone: (562) 498-9515
Fax : (562) 597-0786

PSI-Professional Service Industries Inc.,
ATTN: ACCOUNTS PAYABLE
1320 West Winton Ave.,
Hayward, CA 94545

Pace Analytical Services, Inc.
NW 8922
P.O. Box 1450
Minneapolis, MN 55485-8922

800023 PO: 575-8G001 SFW PM: Frank Poss Net 30 Days

Client Reference: CALTRANS
Pace Project No: 980526-16/13200B

Quantity	U/M	Description	Method	Matrix	Price	Total
ANALYTICAL Charges:						
15	ea	STLC Lead	CA Title 22	Soil	$6.38	$95.70
15	ea	STLC Extraction	CA Title 22 WET	Soil	$25.50	$382.50
7	ea	STLC Chromium	CA Title 22	Soil	$6.38	$44.66
7	ea	STLC Extraction	CA Title 22 WET	Soil	$25.50	$178.50

% Rush Charges Applied None

Total Analytical Charges $701.36

1.5% MONTHLY FINANCE CHARGE ASSESSED AFTER 30 DAYS.
PLEASE SEND REMITTANCE PAGE OR REFER TO INVOICE NUMBER LISTED ABOVE.

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

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ATTN: ACCOUNTS PAYABLE
1320 West Winton Ave.,
Hayward, CA 94545

Pace Analytical Services, Inc.
NW 8922
P.O. Box 1450
Minneapolis, MN 55485-8922

800023 PO: 575-8G001 SFW PM: Frank Poss Net 30 Days

Client Reference: CALTRANS
Pace Project No: 980526-16/13200B

Quantity	U/M	Description	Method	Matrix	Price	Total
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7	ea	STLC Extraction	CA Title 22 WET	Soil	$25.50	$178.50

% Rush Charges Applied None

Total Analytical Charges $701.36

1.5% MONTHLY FINANCE CHARGE ASSESSED AFTER 30 DAYS.
PLEASE SEND REMITTANCE PAGE OR REFER TO INVOICE NUMBER LISTED ABOVE.

Pace Analytical

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Long Beach, CA 90815
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Long Beach, CA 90815
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Fax: 562-597-0786

09/01/98

PSI-Professional Service Industries Inc.,
ATTN: ACCOUNTS PAYABLE
1320 West Winton Ave.,
Hayward, CA 94545

Pace Analytical Services, Inc.
NW 8922
P.O. Box 1450
Minneapolis, MN 55485-8922

800023 Net 30 Days 2

Pace Project No.: 980526-16/13200B

PLEASE REMIT THIS PAGE WITH PAYMENT

Total Invoice Amount: $701.36

1.5% MONTHLY FINANCE CHARGE ASSESSED AFTER 30 DAYS.
PLEASE SEND REMITTANCE PAGE OR REFER TO INVOICE NUMBER LISTED ABOVE.

Pace Analytical

Page 1/4

13200B
~~98052~~ 01
980526-16

423421

CHAIN-OF-CUSTODY RECORD
Analytical Request

Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☒ Normal 14 Days
Bill To:	Pace Client No.
P.O. # / Billing Reference: 86001 SFW	Pace Project Manager
Project Name / No.	Pace Project No.
	*Requested Due Date: ~~5-26-98~~ 6-9-98

Sampled By (PRINT): Tim O'Brien
Sampler Signature: Tim O'Brien
Date Sampled: 5/11/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8044+7	BTEX	8260	624+30	STLC Pb	STLC Cr	REMARKS
T-26-1-SUR		S		1						X	X	X	X	X	⊗	⊗	
T-26-1-3		S	6-11 A	1						X	X	X	X	X	⊗	⊗	
T-26-1-5		S		1						X	X	X	X	X		⊗	
T-26-1-10		S		1						X	X	X	X	X			
T-26-1-15		S		1						X	X	X	X	X	⊗		
T-26-1-20		S		1						X	X	X	X	X			
T-26-1-25		S		1						X	X	X	X	X	⊗		Rush
T-26-1-30		S		1													Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Tim O'Brien	5/11/98		Hung Lam / Pace	5/12/98	9:25

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

ce Analytical

Page 2/4 13200 B 980512-01 980526-16

423420

CHAIN-OF-CUSTODY RECORD
Analytical Request

DSI
[illegible] 1320 W. Winton Ave
Hayward CA 94545
[illegible] 510 783 1111

Report To: Frank Foss
Bill To:
P.O. # / Billing Reference: 86001 SFAD
Project Name / No.:

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [x] Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
Requested Due Date: ~~5-26-98~~ 6-9-98

ed By (PRINT): Tim O'Brien
ler Signature: Tim O'Brien
Date Sampled: 5/11/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCl)	NaOH	ANALYSES REQUEST: GRO	TPH-D	BTEX	BTEX+MTBE	8260	624	5mL Pb	5mL CS	REMARKS
T-26-2-5UR		S	6420 A	1						X	X			X		⊗		
T-26-2-3		S		1						X	X			X		⊗	⊗	
T-26-2-5		S		1						X	X			X		⊗	⊗	
T-26-2-10		S	6424 B	1						X	X			X		⊗	⊗	
T-26-2-15		S		1						X	X			X				
T-26-2-20		S		1						X	X			X				
T-26-2-25		S		1						X	X			X			⊗	
T-26-2-30		S		1						X	X			X		⊗		
T-26-2-35		S																

Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Tim O'Brien	5/12		Hunglam / Pace	5-12-98	9:30

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: (Y) / N | Sealed Cooler: (Y) N | Samples Intact: (Y) / N

onal Comments

Pace Analytical

Page 3/4 13200B 980512-01 980526-16 423418

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSE	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 720 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: 510 785 1111	P.O. # / Billing Reference: 86001 SAW		Pace Project No.
Sampled By (PRINT): Tim O'Brien	Project Name / No.		Requested Due Date: 5-26-98
Sampler Signature: Tim O'Brien	Date Sampled: 5/11/98		6-7-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Ethanol	TPH-G	TPH-D	BTEX	STLC Pb	STLC Cr	REMARKS
1	R3-1-5R		S		1						X	X	X	⊗			
2	R3-1-2		S	9-24	1						X	X	X		⊗		
3	R3-1-5		S	13	1						X	X	X	⊗			
4	R3-1-10		S		1						X	X	X				
5	R3-1-15		S		1						X	X	X	⊗			
6	R3-1-20		S		1						X	X	X				
7	R3-1-25		S		1						X	X	X				Rush
8	R3-1-30		S		1												Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Tim O'Brien	5/14		Hung Lam / Pace	5-12-98	9:30

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical

Page 4/4 13200B 423419

~~980512-0~~ / 980526-16 CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: BE	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 510 W. Winton Ave Hayward CA 94545	Bill To:		Pace Project Manager
Phone: 510 785 1111	P.O. # / Billing Reference: 8600154W		Pace Project No.
Sampled By (PRINT): Tim O'Brien	Project Name / No.		*Requested Due Date: ~~5-26-98~~ 6-9-98
Sampler Signature: Tim O'Brien	Date Sampled: 5/11/98		

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST	REMARKS
1	R3-2-SUR		S		1						X X X X X	
2	R3-2-4		S	6-24	1						X X X X X	
3	R3-2-10		S	B	1						X X X X X	
4	R3-2-15		S		1						X X X X X ⊗	
5	R3-2-20		S		1						X X X X X	
6	R3-2-25		S		1						X X X X X ⊗	RUSH
7	R3-2-30		S		1							Archive
8	R3-2-Z		S		1						X X X X X ⊗	

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NUMBER OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
						5/12/98		Hung Lam / Pace	5-12-98	9:50

Additional Comments:

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8.97

Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980512-02
PACE ANALYTICAL WO #: 13201B
Client ID #: 575-8G001 SFW

Date: 7/2/98

PACE ANALYTICAL , INC is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/11/98 and received on 05/12/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead/Chromium (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
Tel: 562 498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:080512-02
PACE ANALYTICAL WO#:13201B
Client ID#:575-8C001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/29/98		06/29/98	06/29/98			
Analyte							
STLC Lead	99	70-130	130	130	70-130	0.0	0-25
STLC Chromium	98	70-130	116	116	75-108	0.0	0-9

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 080512-02
PACE ANALYTICAL WO#:13201B
Client ID#:575-SC001.SFW

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC		Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL		Pace Reporting Limit

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Page 1/2 132018 980512-02 42

CHAIN-O
Analytica

Client: PSI	Report To: FRANC POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☒ Normal 14 Days	Pace Client
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Proje
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Proje
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SFW		*Requeste
Sampler Signature: CHRIS MERRITT	Date Sampled: 5/11/98		

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020 BTEX	8260	8270	8080 PCB	CAM 17	STLC Pb	6/24
	D 10-5	1354	SOIL		1						X	X		X	X	X		
	D 12-5	0953			1						X	X		X	X	X	X	
	D 12-2.0	1000			1						X	X		X	X	X	X	
	D 13-5	1035			1						X	X	X			X		
	D 13-1.5	1104			1						X	X	X			X		
	D 15-5	1137			1						X	X	X			X	X	
	D 15-0.5	1148			1						X	X	X			X	X	
	D 8-5	0827			1						X	X		X	X	X		

B 5/20 BC SF

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY /
	CHRIS MERRITT	5/11/98		CALIFORNIA Hunglam/

Additional Comments:

SAMPLE CONDITION

en R on ale

ace Analytical

Page 2/2

13201B
980512-02

423301

CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI	Report To: FRANK POSS
1320 W. WINTON AVE	Bill To: SAME
HAYWARD CA 94545	P.O. # / Billing Reference 46001 SFW
510 785-1111	Project Name / No. CALTRANS SFW

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week ☐ 2 Weeks
- ☒ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 5-26-98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature
Date Sampled: 5/11/98
CHRIS MERRITT

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020 BTEX	8260	8270	8080 PCB	CAM 17	STLC Pb	STLC Cr	REMARKS
D16-5	1154	SOIL	5	1						X	X	X	X	X	X	X		
D17-5	1205		6	1						X	X	X	X	X	X	X		
D18-5	1436		7	1						X	X	X	X	X	X	X		
D18-3.0	1449		8	1						X	X	X	X	X	X		X	
D19-5	1457		9	1						X	X	X	X	X	X	X		
D19-1.0 (ARCHIVE)	1503		10	1														

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/11/98		CALIFORNIA OVERNIGHT/SUNKA		
				Hung Lam/Pace		

SAMPLE CONDITION

Temp: 3.3 °C | Received on Ice: (Y)/N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

sonal Comments

SEE REVERSE SIDE FOR INSTRUCTIONS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562 597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980512-03
PACE ANALYTICAL WO #: 13202B
Client ID #:575-6G001

Date: 7/10/98

PACE ANALYTICAL , INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/11/98 and received on 05/11/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead, STLC Chromium, STLC Mercury (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by:
Richard Villafania, Project Manager

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REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980512.03
PACE ANALYTICAL WO#:132028
Client ID#:575-8G001

Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Units			STLC Mercury mg/L	PRL mg/L	STLC Lead mg/L	PRL mg/L	STLC Chromium mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date							
Method Blank	07/07/98	07/07/98	<0.01	0.01	<0.2	0.2	<0.1	0.1	1
T15-2-3	07/07/98	07/07/98	<0.01	0.01	---	---	---	---	1
T26-3-5	07/07/98	07/07/98	<0.01	0.01	---	---	---	---	1
Method Blank	06/24/98	06/29/98	<0.01	0.01	<0.2	0.2	<0.1	0.1	1
T14-2-S	06/24/98	06/29/98	---	---	11	0.2	0.8	0.1	1
T15-2-3	06/24/98	06/29/98	---	---	---	---	<0.1	0.1	1
T15-3-3	06/24/98	06/29/98	---	---	---	---	0.7	0.1	1
T15-3-5	06/24/98	06/29/98	---	---	---	---	0.3	0.1	1
T14-3-S	06/24/98	06/29/98	---	---	12	0.2	---	---	1
T17-1-S	06/24/98	06/29/98	---	---	6.1	0.2	---	---	1
T18-1-3	06/24/98	06/29/98	---	---	7.0	0.2	---	---	1
T18-1-5	06/24/98	06/29/98	---	---	17	0.2	---	---	1
T19-1-S	06/24/98	06/29/98	---	---	5.8	0.2	---	---	1

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562 498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:960512-03
PACE ANALYTICAL WO# 132028
Client ID# 575-6G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	SC
Preparation Method	Title 22 WET Extraction
Matrix:	STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

		ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		06/29/98		06/29/98	06/29/98			
Analyte	**EPA Method**							
STLC Lead	6010	99	70-130	130	130	70-130	0.0	0-25
STLC Chromium	6010	98	70-130	116	116	75-108	0.0	0-9
Analysis Date:		06/29/98		06/29/98	06/29/98			
STLC Mercury	7471	96	70-130	82	90	80-122	9.0	0-10

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498 9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980512-03
PACE ANALYTICAL WO#:132028
Client ID#:575-B6001

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS		Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

13202B
980512-03
Page 1 of 4

423339

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86001		Pace Project No.
Sampled By (PRINT): Scott Bonds	Project Name / No.: West Approach		Requested Due Date: 5-26-98
Sampler Signature:	Date Sampled: 5/11/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Cl, Diesel, TPH-G, BTEX, PCB's, VOC's, SVOC's	REMARKS
1	T14-2-S	845	S								X X X X	
2	T14-2-3	850									↓ ↓ ↓ ↓	RUSH
3	T14-2-5	855									↓ ↓ ↓ ↓	Archive
4	T14-3-S	910									X X X X	
5	T14-3-3	915									↓ ↓ ↓ ↓	RUSH
6	T14-3-5	920									↓ ↓ ↓ ↓	Archive
7	T14-1-S	930									X X X X	
8	T14-1-3	935	N								X X X X	RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
5		5/11/98	1630	FEDEX	5/11/98	16 30
				Hung Lam.	5-12-98	1000

SAMPLE CONDITION

Temp: 3.3 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

Pace Analytical

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980512-03
Page 2 of 4

423340

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1611	P.O. # / Billing Reference: 575-8600		Pace Project No.
	Project Name / No.: West Approach		*Requested Due Date: 5-26-98

Sampled By (PRINT): Scott Bowers
Sampler Signature: [signature] Date Sampled: 5/11/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: ECD TPH-D TPH-G BTEX STORET VOCs PCBs	REMARKS
1	T14-1-S	945	S								X X X X	Archive
2	T17-1-S	1030									X X X X X	
3	T17-1-3	1035									X X X X X	
4	T18-1-S	1100									X X X X X	
5	T18-1-3	1105									↓ ↓ ↓ ↓ ↓	
6	T18-1-5	1110										
7	T18-1-10	1115										
8	T19-2-S	1130	↓								X X X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] /PSC	5/14/98	1630	FEDEX	5/14/98	1630

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical

13202B
980512-03

423342

Page 3 of 4

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No.
	Project Name / No.: West Approach		*Requested Due Date: 5-26-98

Sampled By (PRINT): Scott Boner

Sampler Signature: [signature] Date Sampled: 5/11/98

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Perfs	Perfs	TPH-D	TPH-G	VOCs	STLC Pb	REMARKS
1	T19-2-~~X~~-3 (3B)	~~1140~~ 1135	S								X	X			X		Rush
2	T19-2-5	1140									X	X			X		Archive
3	T19-1-5	1150									X	X	X				
4	T20-1-5	1200									X	X	X	X			
5	T20-1-5	1215									X	X	X	X			RUSH
6	T15-2-5	1335									X	X	X				
7	T15-2-3	1340									X	X	X				RUSH
8	T15-2-5	1345									X	X					Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] PSI	5/11/98	1630	FEDEX	5/11/98	1630

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

Pace Analytical

132028
980512-03
Page 4 of 4

423341

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-5600 1		Pace Project No.
Sampled By (PRINT): Scott Bond	Project Name / No.: West Approach		*Requested Due Date: 5-26-98
Sampler Signature:	Date Sampled: 5/11/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Ext. Diesel	TPH-G	BTEX	PCB	VOC	SVOC	STLC Hg	REMARKS
1	T15-3-5	1350	S								X	X		X				
2	T15-3-3	1355									X	X		X				
3	T15-3-5	1400									X	X		X		X		
4																		
5																		
6																		
7																		
8																		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible] PSI	5/11/98	1630	FEDEX	5/11/98	1630

SAMPLE CONDITION

Temp: °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562 597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980513-04
PACE ANALYTICAL WO #: 13218B
Client ID #:575-8G001

Date: 7/1/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/12/98 and received on 05/1298. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead, STLC Chromium (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1235

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980513-04
PACE ANALYTICAL WO#:132188
Client ID#:575 8G001

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/L	STLC Chromium mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date					
Method Blank	06/24/98	06/29/98	<0.2	0.2	<0.1	0.1	1
D4-S	06/24/98	06/29/98	---	---	0.33	0.1	1
T15-1-S	06/24/98	06/29/98	3.2	0.2	---	---	1
D11-3	06/24/98	06/29/98	2.3	0.2	---	---	1
D22-S	06/24/98	06/29/98	7.3	0.2	---	---	1
D21-S	06/24/98	06/29/98	9.3	0.2	---	---	1
D20-S	06/24/98	06/29/98	68	0.2	---	---	1
D20-3	06/24/98	06/29/98	2.8	0.2	---	---	1
R1-1-S	06/24/98	06/29/98	5.5	0.2	---	---	1

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/29/98		06/29/98	06/29/98			
Analyte							
STLC Lead	99	70-130	130	130	70-130	0.0	0-25
STLC Chromium	98	70-130	116	116	75-108	0.0	0-9

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	06/29/98		06/29/98	06/29/98			
Analyte							
STLC Lead	99	70-130	124	123	70-130	0.8	0-25
STLC Chromium	98	70-130	117	116	75-108	0.0	0-9

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 080513-04
PACE ANALYTICAL WO#:132188
Client ID#:575-SC001

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA		Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL		Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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980513-04
Page 1 of 3

423361
CHAIN-OF-CUSTODY
Analytical Request

Client: PST	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date: ~~5/28/98~~ 6/19/98

Sampler Signature

Date Sampled

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: DRO (Hexane)	HPR-S	PTEX	BTEX	VOC's	PCB's	TLC Cr	TLC Pb	REMARKS
1	D4-S	725	S								X	X		X			⊗		
2	D4-3.0	735										X							
3	D5-S	750											X	X	X				
4	D5-3.0	755											X	X	X				
5	T15-1-S	815										X					⊗		
6	T15-1-3.0	820										↓							RUSH
7	T15-1-5.0	825										↓							Archive
8	T16-1-S	835	↓								↓	↓	X	X	X				

5/20

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnight		5-12-98	

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PST	5/12/98	1700	CA Overnight	5/12/98	1700

Additional Comments

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

6/97

dce Analytical

13218B
980513-04

Page 2 of 3

423360

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave	Bill To: ←		Pace Project Manager
Hayward, CA 94545	P.O. # / Billing Reference: 575-86001		Pace Project No.
Phone: (510) 785-1111	Project Name / No.		Requested Due Date: ~~5-28-98~~ 6/19/98

Sampled By (PRINT): Scott Bowers

Sampler Signature: ←

Date Sampled: 5/12/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: GRO Aetna	TPH-D	BTEX	8260	8010	PCBs	5220 Pb	REMARKS
1																		
2	D11-S	855	S	A 5/20							X	X		X	X			
3	D11-3.0	900												X	X		⊗	
4	D22-S	920		B 5/20								X	X		X		⊗	
5	D22-3.0	925										X	X		X			
6	D21-S	930												X			⊗	
7	D21-3.0	935												X				
8	D20-S	945	↓	↓							↓	↓	X	X		X	⊗	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnight			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← / PSI	5/12/98	1700	CA Overnight	5/12/98	1700

SAMPLE CONDITION

Temp: ____ -- ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

980513-04

Page 3 of 3

423359

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8G001		Pace Project No.
	Project Name / No.: West Approach		Requested Due Date: ~~5-28-98~~ 6/19/98

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature] Date Sampled: 5-12-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: GER metals	TPH-D	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
1	D20-3.0	950	S								X	X	X	X	X	X	X	
2	R1-1-5	1020											X		X	X	X	
3	R1-1-2.0	1025		B 5/10														
4	R1-1-4.0	1030																only methanol in brass sample
5	R1-1-10.0	1035																
6	D14-5	1055												X	X	X	X	
7	D14-3.0	1100	↓	C 5/20							↓	↓	↓	X	X	X	X	
8																		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnight		5/12/98	

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] CPST	5/12/98	1700	CA Overnite	5/12/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0785

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980513-02
PACE ANALYTICAL WO #: 13219B
Client ID #: 575-8G001 SFW

Date: 7/7/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/12/98 and received on 05/12/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead/Chromium (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by:
Richard Villafana, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980513-05
PACE ANALYTICAL WO#:13219R
Client ID#:575-8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	Title 22 WET Extraction
Matrix:	STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/06/98		07/06/98	07/06/98			
Analyte							
STLC Lead	100	70-130	110	110	70-130	0.0	0-25
STLC Chromium	95	70-130	107	106	75-108	0.9	0-9

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562 597 0786

Pace Analytical

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD, CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SFW		*Requested Due Date: ~~5-27-98~~ 6/19/98
Sampler Signature: CHRIS MERRITT	Date Sampled: 5/12/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	8260	8270	8015 OXY/DCE	CAM 17	6010 PEST	STLC Pb	REMARKS
1	RZ-2-35.0		SOIL		1						X		X	X	X	X	⊗	
2	RZ-2-40.0				1						X		X	X	X	X		
3	T22-1-5	0757			1						X		X	X	X	X		
4	T22-1-3.0	0802			1						X		X	X	X	X		
5	T22-1-5.0	0811			1						X		X	X	X	X		
6	T22-1-10.0	0818			1						X		X	X	X	X		
7	T22-1-15.0	0835			1						X		X	X	X	X		RUSH
8	T22-1-20.0	0849			1													ARCHIVE

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/12/98		CALIFORNIA OVERNIGHT	5/12/98	

Additional Comments:

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

e Analytical

Page 2/4 15219B 980513-05 423303

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK PESS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
	Project Name / No.: CALTRANS SFW		*Requested Due Date: ~~5-27-98~~ 6/10/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 5/12/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-D	5520	8270	8010 TCE	8020 BTX	STLC Cr	REMARKS
1	RZ-1-5	0951	SOIL	C 5/20	1						X	X		X	X	X	
2	RZ-1-3.0	0956			1						X	X		X	X		
3	RZ-1-5.0	1000			1						X	X		X	X		
4	RZ-1-10.0	1008			1						X	X		X	X		
5	RZ-1-15.0	1013		D 5/20	1						X	X		X	X		
6	RZ-1-20.0	1022			1						X	X		X	X		RUSH
7	RZ-1-25.0	1032			1						X	X		X	X		ARCHIVE
8	RZ-2-45.0				1						X		X	X	X	X	⊗

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/12/98		CALIFORNIA OVERNIGHT	5/12/98	

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

Additional Comments

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK PUSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SFW		*Requested Due Date: ~~5-27-98~~ 6/19/98
Sampler Signature: CHRIS MERRITT	Date Sampled: 5/12/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-D	8240	8270	8010/8020 PCE	CAM-17	8020	STLC Pb	REMARKS
1	R2-2-5		SOIL	D 5/20	1						X	X	X	X	X		X	
2	R2-2-3.0				1						X	X	X	X	X		X	
3	R2-2-5.0				1						X	X	X	X	X		X	
4	R2-2-10.0				1						X	X	X	X	X			
5	R2-2-15.0				1						X	X	X	X	X		X	
6	R2-2-20.0				1						X	X	X	X	X		X	
7	R2-2-25.0			E 5/20	1						X	X	X	X	X			
8	R2-2-30.0				1						X	X	X	X	X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/12/98		CALIFORNIA OVERNIGHT	5/12/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME.		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
	Project Name / No.: CALTRANS SFW		*Requested Due Date: ~~5/27/98~~ 6/19/98

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature / Date Sampled: CHRIS MERRITT 5/12/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-S	8260	8270	8260 PP6	CAM 17	9070	REMARKS
1	R2-2-50.0	1353	SOIL		1						X		X	X	X	X	
2	R2-2-55.0	1407	↓		1						X		X	X	X	X	RUSH TAT
3	R2-2-60.0	1424	↓								~~X~~		~~X~~	~~X~~	~~X~~	~~X~~	ARCHIVE
4																	
5																	
6																	
7																	
8																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/12/98		CALIFORNIA OVERNIGHT	5/12/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980514-03
PACE ANALYTICAL WO #: 13222B
Client ID #:575-8G001

Date: 7/9/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/13/98 and received on 05/14/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead, STLC Chromium (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562 597-0786

PACE ANALYTICAL Project# 9805 14-03
PACE ANALYTICAL WO#:13222B
Client ID# 575-8G001

Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/L	STLC Chromium mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date					
Method Blank	06/30/98	07/06/98	<0.2	0.2	<0.1	0.1	1
D38-1-5	06/30/98	07/06/98	18	0.2	---	---	1
D9-S	06/30/98	07/06/98	200	0.2	---	---	1
D41-3	06/30/98	07/06/98	---	---	0.8	0.1	1

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Tel: 562-498-9515
Fax: 562-597-3786

Pace Analytical

PACE ANALYTICAL Project#:980514-03
PACE ANALYTICAL WO#: 3222B
Client ID# 575-8G031

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst	SC
Preparation Method:	Title 22 WET Extraction
Matrix	STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/06/98		07/06/98	07/06/98			
Analyte							
STLC Lead	100	70-130	113	109	70-130	3.6	0-25
STLC Chromium	99	70-130	114	114	75-108	0.0	0-9

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 980514-03
PACE ANALYTICAL WO# 132228
Client ID#: 575-BG001

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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Analytical

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13212B
980514-03

423304

CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI
1320 W. WINTON AVE
HAYWARD CA. 94545
510 785-1111

Report To: FRANK ROSS
Bill To: SAME
P.O. # / Billing Reference 86001 SFW
Project Name / No. CALTRANS SFW

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: ~~5-28-98~~ 6/19/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 5/13/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-D	8260	8270	8020	8080 PCB	7421 Pb	REMARKS
D9-3.0	1344	SOIL								X		X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/13/98		CALIFORNIA OVERNITE	5/13/98	

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel 562 498 9515
Fax 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980514-04
PACE ANALYTICAL WO #: 13223B
Client ID #:675-8G001

Date: 7/9/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/13/98 and received on 05/13/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead, STLC Chromium (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by:
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel. 562-408-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980514-04
PACE ANALYTICAL WO#:13223B
Client ID#:575-B6001

Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/l	STLC Chromium mg/l	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date					
Method Blank	06/30/98	07/06/98	<0.2	0.2	<0.1	0.1	1
T10-2-S	06/30/98	07/06/98	<0.2	0.2	---	---	1
T10-3-[illegible]S	06/30/98	07/06/98	3.9	0.2	---	---	1
T10-3-3.0	06/30/98	07/06/98	2.1	0.2	---	---	1
T8-1-S	06/30/98	07/06/98	7.2	0.2	---	---	1
T8-2-S	06/30/98	07/06/98	2.6	0.2	---	---	1
T12-3-S	06/30/98	07/06/98	33	0.2	---	---	1
T11-3-S	06/30/98	07/06/98	9.2	0.2	---	---	1
T13-2-S	06/30/98	07/06/98	---	---	0.4	0.1	1
T12-1-3.0	06/30/98	07/06/98	---	---	0.7	0.1	1
T12-1-5.0	06/30/98	07/06/98	---	---	0.3	0.1	1
T11-1-S	06/30/98	07/06/98	---	---	1.0	0.1	1
T11-2-3.0	06/30/98	07/06/98	---	---	0.3	0.1	1
T9-2-10	06/30/98	07/06/98	---	---	0.3	0.1	1
T8-2-3.0	06/30/98	07/06/98	---	---	0.2	0.1	1
T8-3-S	06/30/98	07/06/98	---	---	0.3	0.1	1

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Tel. 562 498 9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 980514-04
PACE ANALYTICAL WO#:132238
Client ID# 575-86001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD/CHROMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/06/98		07/06/98	07/06/98			
Analyte							
STLC Lead	100	70-130	113	109	70-130	3.6	0-25
STLC Chromium	99	70-130	114	114	75-108	0.0	0-9

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc
3970 Gilman St.
Long Beach, CA 90815

Tel. 562 498-9515
Fax 562-597-0786

PACE ANALYTICAL Project# 980514-04
PACE ANALYTICAL WO#:13223B
Client ID# 575-8G001

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA		EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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ace Analytical

13223B
980514-04

423343

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CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI	Report To: FRANK POSS
1320 J. WINTON AVE	Bill To: SAME
HAYWARD CA 94545	P.O. # / Billing Reference 46001 SFW
510 785-1111	Project Name / No. CALTRANS SFW

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: ~~5-28-98~~ 6/19/98

d By (PRINT): SCOTT BOWERS
r Signature
Date Sampled 5/13/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-D, 8020, 8260, 8270, 8080-PCB, DAM, STLC Cr	REMARKS
T13-2-5	655	S	A 5/23								RUSH
T13-2-3.0	700										Archive
T13-2-5.0	705										
T13-3-5	715										RUSH
T13-3-3.0	720		B 5/23								Archive
T13-3-5.0	725										
T12-1-5	735										RUSH
T12-1-3.0	740										

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnight			

onal Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/14/98	700	CA Overnight	5/13/98	1700

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Analytical

13223B
980514-04

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CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI	Report To: FRANK POSS
1320 W. WINTON AVE	Bill To: SAME
HAYWARD CA. 94545	P.O. # / Billing Reference 86001 SFW
510 785-1111	Project Name / No. CALTRANS SFW

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week _ 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: ~~5/18~~ 6/19/98

Sampled By (PRINT): SCOTT BOWERS
Signature
Date Sampled: 5/13/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-D	8020	8260	8270	6010	CAM 17	STLC Cr	REMARKS
12-1-5.0	745	S															
11-1-5	750																
11-1-3.0	755																
11-1-5.0	800																Rush
11-2-5	815																Archive
11-2-3.0	820																
11-2-5.0	825																Rush
10-1-5	825	✓															Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
Fed Ex Ground			

Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/13/98	1700	CA Courier	5/13/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

ce Analytical

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980514-04
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423350

CHAIN-OF-CUSTODY RECORD
Analytical Request

nt BE	Report To: FRANC POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
ess 1320 W. WINTON AVE	Bill To: SAME		Pace Project Manager
HAYWARD CA. 94545	P.O. # / Billing Reference 86001 SFW		Pace Project No.
e 510 785-1111	Project Name / No. CALTRANS SFW		*Requested Due Date: 6/19/98

pled By (PRINT): SCOTT BOWERS

pler Signature

Date Sampled 5/13/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	TPH-D	8020	8260	8270	8150	CHAM	STLC Pb	REMARKS
T10-1-5.0	835	S	B							X	X	X	X				Rush
T10-1-10.0	845		T								X	X					Archive
T10-2-5	940																
T10-2-3.0	945																Rush
T10-2-5.0	950																Archive
T10-3-5	1005		C								X	X					
T10-3-3.0	1010																Rush
T10-3-5.0	1015	↓	↓														Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
Overnight			

ional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/13/98	1700	CAT Overnight	5/13/98	1700

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

Analytical

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980514-04
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423348

CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI	Report To: FRANK POSS
1320 W. WINTON AVE	Bill To: SAME
HAYWARD CA 94545	P.O. # / Billing Reference: 36001 SFW
510 785-1111	Project Name / No.: CALTRANS SFW

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week ☐ 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6/19/98

Collected By (PRINT): SCOTT BOWERS
Collector Signature:
Date Sampled: 5/13/98

SAMPLE DESCRIPTION	TIME	MATRIX	PAGE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-G	TPH-D	8260	8270	8260	LUFT	STLC Cd	STLC Pb	REMARKS
T9-2-5	1025	S								X	X	X	X					
T9-2-10.0	1030															⊗		RUSH
T9-2-15.0	1035																	Archive
T8-1-5	1155									X	X		X			⊗		
T8-1-3.0	1201																	RUSH
T8-1-5.0	1205																	Archive
T8-2-5	1210									X	X	X	X			⊗		
T8-2-3.0	1215	↓								X	X	X	X			⊗		RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	PSI	5/13/98	1700	CL Overnight	5/14/98	1000

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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423347

CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
1320 W. WINTON	Bill To: SAME		Pace Project Manager
HAYWARD CA. 94545	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
510 785-1111	Project Name / No.: CALTRANS SFW		*Requested Due Date: ~~5-18~~ 6/19/98

Collected By (PRINT): SCOTT BOWERS
Collector Signature:
Date Sampled: 5/13/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-S	8020	8260	4270	8080	Ammtt	STLC Cr	STLC Pb	REMARKS
T8-2-5.0	1220	S		1						X						5	3	Archive
T8-3-S	1230									X	X		X	X		⊗		
T8-3-3.0	1235																	Rush
T8-3-5.0	1240		D 5/13							X						5	3	Archive
T8-4-S	1245									X	X	X	X					
T8-4-3.0	1250																	Rush
T8-4-5.0	1255									X						5	3	Archive
T12-3-S	1305	↓	↓							X	X		X			⊗		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible] / PSI	5/13/98	1700	CA Overnight	5/13/98	[illegible]

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

R'97

Pace Analytical

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980514-04
Page 1 of 1

7 423346

CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
1320 W. WINTON AVE.	Bill To: SAME		Pace Project Manager
HAYWARD CA. 94545	P.O. # / Billing Reference 86001 SFW		Pace Project No.
510 785-1111	Project Name / No. CALTRANS SFW		*Requested Due Date: 6/19/98

ed By (PRINT): SCOTT BOWERS

er Signature

Date Sampled: 5/13/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-S	8020	8260	8270	8080	418.1	STLC Pb	REMARKS
T12-3-3.0	1310	Soil	T							X	X		X		X		Rush
T12-3-5.0	1315									X							Archive
T11-3-5	1320		5/23							X	X		X		X	⊗	
T11-3-3.0	1325									X	X		X				Rush
T11-3-5.0	1330																Archive
T13-1-5	1350									X	X		X				
T13-1-3.0	1355									X	X		X				Rush
T13-1-5.0	1400	▼	E 5/23														Archive

IPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

onal Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
		5/13/98	1700	CA Overnight	5/13/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

e Analytical

13223B

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CHAIN-OF-CUSTODY RECORD
Analytical Request

ent PSI	Report To:	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☒ Normal 14 Days	Pace Client No.
dress	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No. 980514-04
one	Project Name / No. CALTRANS SFW		*Requested Due Date: 6/19/98

mpled By (PRINT): SCOTT BOWERS

npler Signature

Date Sampled: 5-13-98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-G	BTEX	8270	PCB	CAM 17	REMARKS
T10-1-3	0530	SOIL		1						X	X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME

SAMPLE CONDITION

Temp: °C | Received on Ice Y / N | Sealed Cooler Y / N | Received Intact Y / N

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562 498 9515
Fax 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Situ Location:

PACE ANALYTICAL Project #: 980515-07
PACE ANALYTICAL WO #: 13238B
Client ID #:575-8G001

Date: 7/9/98

PACE ANALYTICAL, INC is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/14/98 and received on 05/14/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead, STLC Chromium, STLC Mercury (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel 562-498-9515
Fax 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#980515-07
PACE ANALYTICAL WO#:133368
Client ID#:575-BC001

Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Units			STLC Mercury mg/L	PRL mg/L	STLC Lead mg/L	PRL mg/L	STLC Chromium mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date							
Method Blank	07/07/98	07/07/98	<10	10	<0.2	0.2	<0.1	0.1	1
T9-1-3	07/07/98	07/07/98	14	10	---	---	---	---	20
Method Blank	06/30/98	07/06/98	<10	10	<0.2	0.2	<0.1	0.1	1
T9-1-3	06/30/98	07/06/98	---	---	32	0.2	---	---	10
T9-1-5	06/30/98	07/06/98	---	---	18	0.2	---	---	10
T9-3-S	06/30/98	07/06/98	---	---	8.7	0.2	---	---	10
T9-3-5	06/30/98	07/06/98	---	---	3.1	0.2	---	---	10
T6-1-S	06/30/98	07/06/98	---	---	14	0.2	---	---	10
T6-3-10	06/30/98	07/06/98	---	---	540	0.2	---	---	10
T5-3-5	06/30/98	07/06/98	---	---	23	0.2	---	---	10
T5-4-5	06/30/98	07/06/98	---	---	26	0.2	---	---	10
T7-4-5	06/30/98	07/06/98	---	---	---	---	0.6	0.1	10
T8-1-5	06/30/98	07/06/98	---	---	---	---	0.4	0.1	10
T6-2-5	06/30/98	07/06/98	---	---	---	---	0.2	0.1	10
T6-3-8	06/30/98	07/06/98	---	---	---	---	0.6	0.1	10
T6-3-15	06/30/98	07/06/98	---	---	---	---	0.2	0.1	10
T5-3-5	06/30/98	07/06/98	---	---	---	---	0.3	0.1	10

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc
3970 Gilman St
Long Beach, CA 90815
Tel. 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 980515-07
PACE ANALYTICAL WO#:132388
Client ID#:575-BC001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

		ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		07/06/98		07/06/98	07/06/98			
Analyte	**EPA Method**							
STLC Lead	6010	100	70-130	104	103	70-130	1.0	0-25
STLC Chromium	6010	99	70-130	108	109	75-108	0.9	0-9
Analysis Date:		07/07/98		07/07/98	07/07/98			
STLC Mercury (Hg)	7471	96	70-130	82	90	80-122	9	0-10

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC		Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/l	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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ace Analytical

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9805150-7

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CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
ess 1320 W. Winton Ave	Bill To: ←		Pace Project Manager
Hayward, CA 94545	P.O. # / Billing Reference 575-8Cook		Pace Project No.
e (510) 785-1111	Project Name / No. West Approach		*Requested Due Date: 5-29-98

led By (PRINT): Scott Bowes

ler Signature: CB

Date Sampled: 5/14/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	STLC Pb	STLC Hg	REMARKS
T9-1-S	645	S								X	X	X						
T9-1-3	650									X	X	X				⊗		
T9-1-5	655									X	X	X				⊗		Rush
T9-1-10	700																	Archive
T9-3-S	710									X	X	X				⊗		
T9-3-3	715									X	X	X						
T9-3-5	720									X	X	X				⊗		Rush
T9-3-10	725	↓																Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
Overnight			

ional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/14/98	1700	CA Overnight	5/14/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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ce Analytical

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980515-07 423352
Page 2 of 6

CHAIN-OF-CUSTODY RECORD
Analytical Request

ent PSI	Report To: Frank Poes
dress 1320 W. Winton Ave	Bill To: ←
Hayward, CA 94545	P.O. # / Billing Reference 575-8600
one (510) 785-1111	Project Name / No. West Agr

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 5-29-98

mpled By (PRINT): Scott Bowers
mpler Signature: [signature]
Date Sampled: 5/14/98

M	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	STLC Cr	STLC Pb	REMARKS
	T7-2-5	745	S								X	X	X		X				
	T7-2-3	750									X	X	X		X				
	T7-2-7	755									X	X	X		X				RUSH
	T7-2-10	800																	Archive
	T7-3-5	805									X	X		X					
	T7-3-3	810									X	X		X					
	T7-3-5	815									X	X		X					RUSH
	T7-3-10	820	V																Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] PSI	5/14/98	1700	Q.A Overnight	5/14/98	1700

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Additional Comments

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

ce Analytical

132388
980515-07

423353

Page 3 of 6

CHAIN-OF-CUSTODY RECORD
Analytical Request

Company: PSI	Report To: Frank Post	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave.	Bill To: ←		Pace Project Manager
Hayward, CA 94545	P.O. # / Billing Reference: 575-8600		Pace Project No.
Phone: (510) 785-1111	Project Name / No.: West Approach		*Requested Due Date: 5-29-98

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature] Date Sampled: 5/14/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: see memo	TPH-5	BTEX	VOC's	SVOC's	PCB's	STLC Cr	STLC Pb	REMARKS
T7-4-5	830	S								X	X	X		X				
T7-4-3	835	↓								↓	↓	↓		↓				
T7-4-5	840									↓	↓	↓		↓		⊗		RUSH
T7-4-10	845																	Archive
T6-1-5	855									X	X		X				⊗	
T6-1-3	900									↓	↓		↓					
T6-1-5	905									↓	↓		↓			⊗		RUSH
T6-1-9.5	910	↓																Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] /PSI	5/14/98		CA Overnight	5/14/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

ce Analytical

13238B
980515-07 423354
Page 4 of 6

CHAIN-OF-CUSTODY RECORD
Analytical Request

nt PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
ress 1720 W. Winton Ave	Bill To:		Pace Project Manager
Hayward, CA 94545	P.O. # / Billing Reference 575-8601		Pace Project No.
ne (510) 755-1111	Project Name / No. West Approach		*Requested Due Date: 5-29-98

mpled By (PRINT): Scott Bowers

mpler Signature: Date Sampled: 5/14/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-D	BTEX	VOCs	SVOCs	PCBs	STLC Cr	STLC Pb	REMARKS
T6-2-S	930	S								X	X	X	X					
T6-2-3	935									X	X	X	X					
T6-2-5	940									X	X	X	X		⊗			Rush
T6-2-10	945																	Archive
T6-3-S	955									X	X	X		X				
T6-3-3	1000									X	X	X		X				
T6-3-5	1005									X	X	X		X	⊗			~~Rush~~ SD
T6-3-10	1010	↓								X	X	X		X		⊗		~~Archive~~ SD

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	/ PSI	5/14/98	1700	CA Overnight	5/14/98	1700

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact Y / N

ce Analytical

980515-07 423363

Page 5 of 6

CHAIN-OF-CUSTODY RECORD
Analytical Request

ent: PSI	Report To: Frank Ross
dress: 1320 W. Winton Ave	Bill To: ←
Hayward, CA 94545	P.O. # / Billing Reference: 575-8600
one: (510) 785-1111	Project Name / No.: West Approach

Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days

Pace Client No.

Pace Project Manager

Pace Project No.

*Requested Due Date: 5-29-98

mpled By (PRINT): Scott Bowers

mpler Signature

Date Sampled

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCl)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	STLC Cd	STLC Pb	REMARKS
T6-3-15	1020	S								X	X	X	X			(X)		RUSH
T6-3-20	1040									X	X	X	X			(X)		Archive
T5-3-5	1225									X	X	X	X			(X)		
T5-3-3	1230															(X)		
T5-3-5	1235									↓	↓	↓	↓					RUSH
T5-3-10	1240																	Archive
T5-3-15	1245																	
T5-4-5	1300	↓								X	X	X						

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/14/98	1700	CA Overnight	5/14/98	17??

Additional Comments

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8 97

...ace Analytical

9805157-07 423364

Page 6 of 6

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client	PSI
Address	1320 W. Winton Ave Hayward, CA 94545
Phone	(510) 785-1111
Report To:	Frank Ross
Bill To:	←
P.O. # / Billing Reference	575-8600(
Project Name / No.	West Approach

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No
*Requested Due Date: 5-29-98

Sampled By (PRINT): Scott Bowers
Sampler Signature:
Date Sampled: 5/14/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-D	BTEX	VOC's	SVOC's	PCB's	STLC Pb	REMARKS
1	T5-4-3	1305	S								X	X	X					
2	T5-4-5	1310									X	X	X				⊗	
3	T5-4-10	1315									X	X	X					RUSH
4	T5-4-15	1320	✓															1 week
5	WT5-4	1330	W		13	4			9		X	X	X	X	X			
6			↓															
7																		
8																		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnight			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/14/98	1700	CA Overnight	5/14/98	1700

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel. 562-498-9515
Fax 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980516-06
PACE ANALYTICAL WO #: 13245B
Client ID #:575-8G001 SFW

Date: 7/13/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/15/98 received on 05/15/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters;

ANALYTICAL TEST	PAGE
STLC Lead, STLC Chromium (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical

Pace Analytical Services, Inc
3970 Gilman St
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project# 980516-08
PACE ANALYTICAL WO# 132460
Client ID# 575-RCO01

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Units			STLC Lead mg/L	PRL mg/L	STLC Chromium mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date					
Method Blank	07/05/98	07/08/98	<0.2	0.2	<0.1	0.1	1
D53-3	07/06/98	07/08/98	---	---	<0.1	0.1	1
D46-S	06/30/98	07/06/98	5.6	0.2	---	---	1
D47-S	06/30/98	07/06/98	2.9	0.2	<0.1	0.1	1
D50-S	06/30/98	07/06/98	7.1	0.2	---	---	1
D50-3.0	06/30/98	07/06/98	0.3	0.2	---	---	1
D49-3.0	06/30/98	07/06/98	---	---	0.1	0.1	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980510-06
PACE ANALYTICAL WO#:132458
Client ID#:575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

		ICV	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% REC	Range	% REC	% REC	Range	%	Range
Analysis Date:		07/06/98		07/06/98	07/06/98			
Analyte	**EPA Method**							
STLC Lead	6010	100	70-130	104	103	70-130	1.0	0-25
STLC Chromium	6010	99	70-130	108	109	75-108	0.9	0-9
Analysis Date:		07/08/98		07/08/98	07/08/98			
Analyte	**EPA Method**							
STLC Chromium	6010	99	70-130	110	111	75-108	0.9	0-9

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815

Tel: 562 498 9515
Fax: 562 597-0786

PACE ANALYTICAL Project# 980516-03
PACE ANALYTICAL WO# 102490
Client ID# 575-BC001

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<		less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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13245B
980516-06

423322

CHAIN-OF-CUSTODY RECORD
Analytical Request

ent PSI	Report To: FRANK POSS
dress 1320 W. WINTON AVE	Bill To: SAME
HAYWARD CA 94545	P.O. # / Billing Reference 8G001 SFW
one 510 785-1111	Project Name / No. CALTRANS SFW

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☒ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 5-30-98

mpled By (PRINT): CHRIS MERRITT

ampler Signature: CHRIS MERRITT — Date Sampled: 5/15/98

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	8020	8260	8270	8080 PCB	CAM17	STLC CC	STLC PB	REMARKS
5	D46-5	0751	SOIL		1						X		X			X		(X)	
2	D46-3.0	0804			1						X		X			X			
3	~~D45-5~~ D45-5	0855			1						X	X		X		X			
4	~~D45-3.0~~ D45-3.0	0921			1						X	X		X		X			
5	D47-5	0957			1						X	X		X	X	X	(X)	(X)	
6	D47-3.0	1040			1						X	X		X	X	X			
7	D49-5	1128			1						X		X			X			
8	D49-3.0	1142			1						X		X			X	(X)		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/15/98		CALIFORNIA OVERNITE	5/16/98	

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8-97

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Page 2/2 13245B 980516-06

423321

CHAIN-OF-CUSTODY RECORD
Analytical Request

nt PSI	Report To: FRANK POSS
ress 1320 W. WINTON AVE	Bill To: SAME
HAYWARD CA 94545	P.O. # / Billing Reference 86001 SFW
ne 510 735-1111	Project Name / No. CALTRANS SFW

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ■ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 5-30-98

mpled By (PRINT): CHRIS MERRITT
mpler Signature: CHRIS MERRITT Date Sampled: 5/15/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-D	8020 BTEX	8260	8270	8080 PCB	CAM 17	STLC Cr	STLC Pb	REMARKS
D50-5	1230	Soil								X		X			X		⊗	
D50-3.0	1249									X		X			X		⊗	
D53-5	1339									X	X		X	X	X	-		
D53-3.0										X	X		X	X	X		⊗	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/15/98		CALIFORNIA OVERNITE	5/15/98	

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

ditional Comments

SEE REVERSE SIDE FOR INSTRUCTIONS

8.97

SITE INVESTIGATION REPORT
VOLUME 15 (APPENDIX C)

WEST APPROACH PROJECT INCLUDING
TRANSBAY TERMINAL LOOP
SAN FRANCISCO, CALIFORNIA

prepared for

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

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

prepared by

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
Environmental Engineering Branch
&
Professional Service Industries, Inc.
1320 West Winton Avenue
Hayward, California 94545
(510) 785-1111

June, 1999
575-8G001

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1020 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980516-07
PACE ANALYTICAL WO #: 13246C
Client ID #:575-8G001

Date: 7/15/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/15/98 received on 05/15/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead, STLC Chromium, STLC Copper (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980516-07
PACE ANALYTICAL WO#:132468
Client ID#:575-8C001

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Units			STLC Copper mg/L	PRL mg/L	STLC Lead mg/L	PRL mg/L	STLC Chromium mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date							
Method Blank	07/05/98	07/08/98	<0.5	0.5	<0.2	0.2	<0.1	0.1	1
T5-5-S	07/05/98	07/08/98	---	---	0.4	0.2	---	---	1
T5-5-3	07/05/98	07/08/98	---	---	*	0.2	---	---	1
T5-5-5	07/05/98	07/08/98	---	---	240	0.2	---	---	1
T4-5-3	07/05/98	07/08/98	1.5	0.5	26	0.2	---	---	1
T4-5-5	07/05/98	07/08/98	---	---	*	0.2	---	---	1
T4-4-5	07/05/98	07/08/98	---	---	240	0.2	---	---	1
T4-3-3	07/05/98	07/08/98	---	---	14	0.2	---	---	1
T4-2-S	07/05/98	07/08/98	---	---	28	0.2	---	---	1
T4-2-3	07/05/98	07/08/98	---	---	94	0.2	---	---	1
T3-2-3	07/05/98	07/08/98	---	---	63	0.2	---	---	1
T3-1-S	07/05/98	07/08/98	---	---	21	0.2	---	---	1
T3-1-5	07/05/98	07/08/98	---	---	88	0.2	---	---	1
T3-3-3	07/05/98	07/08/98	---	---	8.1	0.2	---	---	1
T3-3-5	07/05/98	07/08/98	---	---	4.6	0.2	---	---	1
T3-4-3	07/05/98	07/08/98	---	---	63	0.2	---	---	1
T3-4-5	07/05/98	07/08/98	---	---	93	0.2	---	---	1
T3-4-10	07/05/98	07/08/98	---	---	3.5	0.2	---	---	1
T3-4-S	07/05/98	07/08/98	---	---	---	---	1.1	0.1	1

*No sample.

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

ave Analytical

9805 16-07

Page 1 of 6

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No.
Sampled By (PRINT): Scott Bonar	Project Name / No.: West Appraisal		*Requested Due Date:
Sampler Signature: ←	Date Sampled: 5/15/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8260 Kocktails	TPH-5	BTEX	5 VOCs	VOCs	DCE's	STLC Pb	STLC Cd	REMARKS
1	T5-5-S	735	S	T							X	X	X	X			⊗		
2	T5-5-3	735	↓	↑							↓	↓	↓	↓			⊗		
3	T5-5-5	740															⊗		
4	T5-5-10	745		F 5/21							↓	↓	↓	↓					RUSH
5	T5-5-15	750																	Archive
6	T4-5-S	800									X	X		X					
7	T4-5-3	805		↑							↓	↓		↓			⊗	⊗	
8	T4-5-5	810	↓	TC 5/29							↓	↓		↓			⊗		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← PSE	5/15/98	1600		5/15/98	1600

Additional Comments:

1. NEEDS ALL CCR's FROM HERE 5/28

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

ORIGINAL

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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980516-07 423367
Page 2 of 6

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone	P.O # / Billing Reference: 575-8600		Pace Project No
	Project Name / No.: West Approach		*Requested Due Date:

Sampled By (PRINT): Scott Dowd

Sampler Signature: ← Date Sampled: 5/15/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 6.2 metals	TPH-D's	BTEX VOC's	8 VOC's	PCB's	STLC Pb	REMARKS
1	T4-5-10	815	S								X	X	X				RUSH
2	T4-5-15	820															Archive
3	T4-4-5	830									X	X	X	X			
4	T4-4-3	835		C 5/19													
5	T4-4-5	840														⊗	
6	T4-4-10	845															RUSH
7	T4-4-15	850															Archive
8	T4-3-5	900									X	X	X	X			

RUN 5/21

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← / PSI	5/15/98	1600		5/15/98	1600

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

132466
980516-07

Page 3 of 6

423366

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: —		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date:
Sampler Signature:	Date Sampled: 5/15/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
1	T4-3-3	905	S								X	X	X	X		⊗		
2	T4-3-5	910									X	X	X	X				
3	T4-3-10	915									X	X	X	X				
4	T4-3-15	920																RUSH
5	T4-2-8	945									X	X	X	X				Archive
6	T4-2-3	950														⊗		
	T4-2-5	955														⊗		
	T4-2-10	1000																

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	/ PSI	5/15/98	1600		5/15/98	1600

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

IBC516 — 423365

Page 4 of 6

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No.
Sampled By (PRINT): Scott Bower	Project Name / No.: West Approach		*Requested Due Date:
Sampler Signature:	Date Sampled: 5/15/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
1	T4-2-15	1005	S	T														Archive
2	T3-2-5	1020									X	X	X					
3	T3-2-3	1025		5/29							↓	↓	↓			⊗		
4	T3-2-5	1030		D														RUSH
5	T3-2-10	1035																Archive
6	T3-1-5	1215									X	X	X	X		⊗		
7	T3-1-3	1220									↓	↓	↓	↓				
8	T3-1-5	1225	↓	JE 5/29							↓	↓	↓			⊗		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/15/98	1600		5/15/98	1600

Additional Comments

D 510/427-2800
ATTN: Phil

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

CHAIN OF CUSTODY / Analytical Request

Company: PST	Report To: Frank Bors	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1611	P.O. # / Billing Reference: 575-8600		Pace Project No.
	Project Name / No.: West Approach		Requested Due Date:

Sampled By (PRINT): Scott Bourg

Sampler Signature:

Date Sampled: 5/15/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCL Remov	TPH-5	BTEX	VOC's	SVOCS	PCBs	STLC Pb	STLC Cr	REMARKS
T3-1-10	1230	S								X	X	X	X					RUSH
T3-1-15	1235																	Archive
T3-3-5	1255									X	X	X	X			⊗		
T3-3-3	1300									↓	↓	↓	↓			⊗		RUSH
T3-3-5	1305															⊗		Archive
T3-3-10	1310									X	X	X					⊗	
T3-4-5	1320									X	X	X				⊗		
T3-4-3	1325																	

Est

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Scott/PST	5/15/98	1600		5/15/98	1600

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

857

Client: PST
Address: 1320 W. Winton, Hayward, CA 94545
Phone: (510) 785-1111

Report To: Frank Poss
Bill To: ←
P.O. # / Billing Reference: 575-8600
Project Name / No.: West Approach

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

Sampled By (PRINT): Scott Boyd
Sampler Signature:
Date Sampled: 5/15/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM metals	TPH-5	BTEX	VOC's	SVOC's	PCB's	STLC Pb	REMARKS
1	T3-4-5	1330	S	E 5/24							X	X	X				⊗	RUSH
2	T3-4-10	1335	↓								X	X	X				⊗	Acclaim
3	T3-4-15	1340	↓															
4																		
5																		
6																		
7																		
8																		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← PSC	5/15/98	1600		5/15/98	1600

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8 of 7

ORIGINAL

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980519-01
PACE ANALYTICAL WO #: 13252B
Client ID #:575-8G001

Date: 7/10/98

PACE ANALYTICAL, INC is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/18/98 and received on 05/18/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead. (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by:
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	07/05/98	07/08/98	<0.2	0.2	1
T4-1-S	07/05/98	07/08/98	5.5	0.2	1
T1-1-S	07/05/98	07/08/98	9.6	0.2	1
T1-1-5.0	07/05/98	07/08/98	13	0.2	1
D72-3.0	07/05/98	07/08/98	26	0.2	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980519-01
PACE ANALYTICAL WO#:132528
Client ID#:575-BG001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/08/98		07/08/98	07/08/98			
Analyte							
STLC Lead	102	70-130	124	126	70-130	1.6	0-25

	ICV % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/08/98		07/08/98	07/08/98			
Analyte							
STLC Lead	99	70-130	107	108	70-130	0.9	0-25

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gitman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

5252A

423305

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510-785-1111	P.O. # / Billing Reference: 46001 SFW		Pace Project No. 980519-01
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SFW		*Requested Due Date: 6/30/98
Sampler Signature: CHRIS MERRITT	Date Sampled: 5/18/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8240	8260	5270	8050 PAH (Chm LT)	STLC Pb	REMARKS
1	TH-1-5	0814									X		X		X	⊗	
2	TH-1-3.0	0822									X		X		X		
3	TH-1-5.0	0839									X		X		X		RUSH
4	~~TH-1-10.0~~	0845									~~X~~		~~X~~		~~X~~		ARCHIVE
5	T1-1-5	0934									X	X		X	X	⊗	
6	T1-1-3.0	0941									X	X		X	X		
7	T1-1-5.0	0950									X	X		X	X	⊗	
8																	

TRER 6/18/98 BS

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/18/98	1528	CALIFORNIA OVERNITE	5/19/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

697

Pace Analytical

13252A

423306

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS
Address: 320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME
Phone: 510 785-1111	P.O. # / Billing Reference: 46001 SFW
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SFW
Sampler Signature: CHRIS MERRITT	Date Sampled: 5/18/98

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No. 980519-01
*Requested Due Date:

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020	8260	8270	8015 PDB (MMT)	STLC Pb	REMARKS
D72-5	1132	SOIL								X	X		X	X	X	
D72-3.0	1153									X	X		X	X	X	
D73-5	1215		5/19 A							X	X		X	X	X	⊗
D73-3.0	1246									X	X		X		X	
D69-5	1332		5/27 B							X	X		X		X	
D69-3.0	1342									X		X			X	
										X		X			X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/18/98	1528	CALIFORNIA PACIFIC	5/18/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK FOSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980520-07
PACE ANALYTICAL WO #: 13275C
Client ID #: 575-8G001

Date: 9/1/99

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/19/98 and received on 05/19/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead, Copper, Barium, Zinc, Chromium & Nickel (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980520-07
PACE ANALYTICAL WO#:13275C
Client ID#:575-SG001

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	Title 22 WET Extraction
Matrix:	STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Client ID:	TNF8-2-3	TNF8-1-S	TNF7-4-5	TNF7-2-S	TNF7-3-3	TNF7-1-S	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/14/98	07/14/98	07/14/98	07/14/98	07/14/98	07/14/98		
Analysis Date:	07/20/98	07/20/98	07/20/98	07/20/98	07/20/98	07/20/98		
Analyte								
Barium (Ba)	---	---	---	---	11	---	0.01	6010
Chromium (Cr)	---	---	---	---	---	0.6	0.02	6010
Copper (Cu)	---	87	---	---	---	---	0.02	6010
Lead (Pb)	20	1400	20	10	120	---	0.02	6010
Nickel (Ni)	---	---	---	---	---	3.8	0.01	6010
Zinc (Zn)	---	---	---	---	280	---	0.2	6010
DF	1	1	1	1	1	1		

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980520-07
PACE ANALYTICAL WO#:13275C
Client ID#:575-8G001

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Client ID:	T1-5-5	TNF7-1-3	TNF7-1-5	TNF8-2-10	TNF6-1-3	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/14/98	07/14/98	07/14/98	07/14/98	07/14/98	07/14/98		
Analysis Date:	07/20/98	07/20/98	07/20/98	07/20/98	07/20/98	07/20/98		
Analyte								
Lead (Pb)	11	220	190	93	31	<0.02	0.02	6010
DF	1	1	1	1	1			

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		07/20/98		07/20/98	07/20/98			
Barium (Ba)	6010	98	70-130	78	75	76-114	3.9	0-9
Chromium (Cr)	6010	99	70-130	103	102	75-108	1.0	0-9
Copper (Cu)	6010	100	70-130	106	105	70-130	0.9	0-25
Lead (Pb)	6010	100	70-130	114	117	74-106	2.6	0-9
Nickel (Ni)	6010	100	70-130	96	95	70-130	1.0	0-25
Zinc (Zn)	6010	99	70-130	123	122	70-130	0.8	0-25

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

Pace Analytical

13Z75A
980520-07
Page 1 of 2

423372

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI
Address: 1320 W. Winton Ave
Hayward, CA 94545
Phone: (510) 785-1111

Report To: Frank Poss
Bill To:
P.O. # / Billing Reference: 575-8600
Project Name / No.: West Approach

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6-3-98

Sampled By (PRINT): Scott Bond
Sampler Signature:
Date Sampled: 5/19/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-5	BTEX	VOC3	SVOC9	PCBS	REMARKS
1	T1-5-S	735	S								X	X	X	X			
2	T1-5-3	740									↓	↓	↓	↓			
3	T1-5-5	745															
4	T1-5-10	750															RUSH
5	TNF8-2-S	805	S								X	X	X	X			Archive
6	TNF8-2-3	810									↓	↓	↓	↓			
7	TNF8-2-5	815															
8	TNF8-2-10	820	↓														RUSH Archive

Out of sample

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/20				

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

1: 15
980520-07 423380
Page 2 of 5

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PST	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-80001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Aggregate		*Requested Due Date:
Sampler Signature: ←	Date Sampled: 5/19/98		

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-5	BTEX	8260	8270	8080	REMARKS
1	TNF8-1-S	905	S								X	X	X	X			
2	TNF8-1-3	910															
3	TNF8-1-5	915															Rush
4	TNF8-1-10	920															Archive
5	TNF7-4-S	935											X				
6	TNF7-4-3	940															
7	TNF7-4-5	945															RUSH
8	TNF7-4-10	950															Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnite			

Additional Comments:

ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← /PSI	5/19/98	1700	CA Overnite	5/19/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

5/97

Pace Analytical

1521SA
980520-07
Page 3 of 5

423383

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave, Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8G001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: West Approach		*Requested Due Date:
Sampler Signature:	Date Sampled: 5/19/98		

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-S	BTEX	8260	8270	8050	REMARKS
1	TNF7-2-S	1020	S								X	X	X	X			
2	TNF7-2-3	1025											↓	↓			
3	TNF7-2-5	1030															RUSH
4	TNF7-2-10	1035															Archive
5	TNF7-3-S	1050															
6	TNF7-3-3	1055															
7	TNF7-3-5	1100															
8	TNF7-3-10	1105	↓														

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSC	5/19/98	1700		5/19/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

1525A
980520-07 423385

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601
Sampled By (PRINT): Scott Bowes	Project Name / No.: West Approach
Sampler Signature:	Date Sampled: 5/19/98

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCL Metals	TPH-5	BTEX	8260	8270	8080	REMARKS
1	TNF7-1-S	1110	S								X	X	X	X			
2	TNF7-1-3	1115										↓		↓			
3	TNF7-1-5	1120															RUSH
4	TNF7-1-16	1125															Archive
5	TNF6-2-S	1255		OUT of Sample									X	X			
6	TNF6-2-3	1300	*	OUT OF SAMPLE SERVICE													
7	TNF6-2-5	1305	*	OUT of Sample													
8	TNF6-2-10	1310	V								↓	↓	↓	↓	T		RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	/ PSI	5/19/98	1700		5/19/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

a e Analytical

98520-07 423386

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Post
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601
Sampled By (PRINT): Scott Boman	Project Name / No.: West Approach
Sampler Signature:	Date Sampled: 5/19/98

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCL Metals	TPH-5	BTEX	8260	8270	8080
1	TNF6-2-15	1315	S											NO		
2	TNFC-1-5	1405	↓													
3	TNF6-1-3	1410														
4	TNF6-1-5	1415	↓													
5	~~TNFC-1-10~~	~~1420~~												no		
6																
7	S.B.															
8																

REMARKS
Archive
Rush
Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/19/98		CH Overnite	5/19/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

ORIGINAL

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #:980622-01
PACE ANALYTICAL WO #:113282B
Client ID #:575-8G001

Date: 9/1/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/21/98 and received on 05/21/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Chromium, Lead, Nickel & Copper (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

Pace Analytical Services, Inc
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980522-01
PACE ANALYTICAL WO#:132828
Client ID#:575-8G001

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Client ID:	TNF3-1-S	TNF2-1-S	TNF2-1-10	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/17/98	07/17/98	07/17/98	07/17/98		
Analysis Date:	07/20/98	07/20/98	07/20/98	07/20/98		
Analyte						
Chromium (Cr)	1.6	1.0	0.3	<0.1	0.1	6010
Lead (Pb)	10	6.8	5.8	<0.2	0.2	6010
Nickel (Ni)	10	4.6	0.9	<0.1	0.1	6010
Copper (Cu)	--	--	16	<0.5	0.5	6010
DF	1	1	1	1		

Client ID:	TNF3-2-S	TNF3-2-3	TNF2-2-5	TNF2-2-3	TNF2-2-5	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/17/98	07/17/98	07/17/98	07/17/98	07/17/98	07/17/98		
Analysis Date:	07/20/98	07/20/98	07/20/98	07/20/98	07/20/98	07/20/98		
Analyte								
Lead (Pb)	3.2	6.3	3.7	12	5.1	<0.2	0.2	6010
DF	1	1	1	1	1	1		

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		07/20/98		07/20/98	07/20/98			
Analyte	**EPA Method**							
Chromium (Cr)	6010	99	70-130	96	101	75-108	5.1	0-9
Lead (Pb)	6010	100	70-130	85	98	74-106	14	0-9
Nickel (Ni)	6010	100	70-130	96	102	70-130	6.1	0-25
Copper (Cu)	6010	100	70-130	99	104	70-130	4.9	0-25

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV		Initial Calibration Verification
PRL	=	Pace Reporting Limit

Pace Analytical

13282B
980522-01

Page 1/3

423393

CHAIN-OF-CUSTODY RECORD
Analytical Request

ni PSI	Report To: Frank Poss
ress 1320 W. Winton Ave	Bill To: ←
Hayward, CA 94545	P.O. # / Billing Reference 575-86-001
ne (510) 785-1111	Project Name / No. West Approach

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6/26/98

pled By (PRINT): Scott Bowers
ple: Signature
Date Sampled: 5/21/98

A.A. 6/1/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-S	BTEX	8260	8270	8080	STLC Cr	STLC Pb	STLC Ni	STLC Cu	REMARKS
TNF3-1-S	805	S	Due 6/12							X	X	X	X	X	X	X	X	X	X	
TNF [redacted] 3-1-3	810											↓	↓	↓						
TNF [redacted] 3-1-5	815											↓	↓	↓						RUSH
TNF [redacted] 3-1-10	820																			Archive
TNF2-1-S											X	X			X	X	X			
TNF2-1-3																				
TNF2-1-5												↓								RUSH
TNF2-1-10										↓	↓				X	X	X	X	X	Archive

PMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

nal Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI			Hughson		

SAMPLE CONDITION

Temp: 7 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

ace Analytical

13282B
9805ZZ-01 423394

CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI	Report To: Frank Pass
ss 1320 W. Winton Ave	Bill To: ←
Hayward, CA 94545	P.O. # / Billing Reference 575-8600
(510) 785-1111	Project Name / No. West Approach

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

ed By (PRINT): Scott Bowers
r Signature
Date Sampled: 5/21/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	8260	8270	SOSD	STLC Pb	REMARKS
TNF3-2-5	950	S	Jun 6/18							X	X	X	X			(+)	
TNF3-2-3	955									X	X	X	X			(X)	
TNF2-2-5	1025									X	X	X	X			(X)	
TNF2-2-3	1025															(X)	
TNF2-2-5	1030									√	√	√	√			(X)	RUSH
TNF2-2-10	1035																Archive

ENT METHOD	AIRBILL NO.	SHIPPING DATE	NUMBER OF COOLERS	ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
					PSI	5/21/98	1700	CA Onsite	5/21/98	1700

' Comments

SAMPLE CONDITION

Temp: 2 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

ace Analytical

13c826
980522-01

Page 3/3

423395

CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
ss 1320 W. Winton Ave	Bill To: ←		Pace Project Manager
Hayward, CA 94545	P.O. # / Billing Reference 575-86001		Pace Project No.
(510) 785-1111	Project Name / No. West Approach		*Requested Due Date:

ed By (PRINT): Scott Bowers

r Signature

Date Sampled: 5/21/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-D	BTEX 8260	8270	8080	REMARKS
WTNF3-1	840	W								X	X	X	X	X	

ENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

l Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/21/98	1700		5/21/98	1700

SAMPLE CONDITION

Temp: 2 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980522-03
PACE ANALYTICAL WO #: 13283b
Client ID #:

Date: 9/1/99

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/22/98 and received on 05/22/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Chromium, Lead, Copper (soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980522-03
PACE ANALYTICAL WO#:132838
Client ID#:

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	Title 22 WET Extraction
Matrix:	STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Client ID:	T8-2-6	R6-2-30		Method Blank	PRL	EPA Method
Units:	mg/L	mg/L		mg/L	mg/L	
Preparation Date:	07/17/98	07/17/98		07/17/98		
Analysis Date:	07/20/98	07/20/98		07/20/98		
Analyte						
Lead (Pb)	11	11		<0.2	0.2	6010

Client ID:	T11-3-5	T13-3-5	T13-3-3	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/17/98	07/17/98	07/17/98	07/17/98		
Analysis Date:	07/20/98	07/20/98	07/20/98	07/20/98		
Analyte						
Chromium (Cr)	0.2	0.2	<0.1	<0.1	0.1	6010

Client ID:	T28-2-60	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	
Preparation Date:	07/17/98	07/17/98		
Analysis Date:	07/20/98	07/20/98		
Analyte				
Copper (Cu)	8.8	<0.5	0.5	6010

Pace Analytical

Pace Analytical Services, Inc
3970 Gilman St.
Long Beach, CA 90815
Tel. 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		07/20/98		07/20/98	07/20/98			
Analyte	EPA Method							
Chromium (Cr)	6010	98	70-130	95	101	75-108	6.1	0-9
Copper (Cu)	6010	100	70-130	99	104	70-130.	4.9	0-25
Lead (Pb)	6010	100	70-130	83	96	74-108	15	0-9

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

Pace Analytical

1528-3
980522-03

423445

CHAIN-OF-CUSTODY RECORD
Analytical Request

Page 1/3

Client	Report To:	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Metals TRAES	TRAES	8260	8270	8080	STLC Cr	STLC Pb	REMARKS
1	T12-3-5 ✓										X							RUSH 48H
2	T11-3-5 ✓																	
3	T13-1-5 ✓																	
4	T8-2-5 ✓										X							
5	T8-3-5 ✓																	
6	T8-4-5 ✓																	
7	T13-2-5 ✓																	
8	T13-3-5 ✓																	

4.29 A

RUN 5/31

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

May 21 99 20:21 p.02

SIO 705 1192 PAGE.02

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980529-01
PACE ANALYTICAL WO#:133258
Client ID#:575-8G001

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Sample ID	Preparation Date	Analysis Date	STLC Lead mg/L	PRL mg/L	DF
Units					
Method Blank	07/17/98	07/20/98	<0.2	0.2	1
T17-1-SUR	07/17/98	07/20/98	1.1	0.2	1
T17-1-5	07/17/98	07/20/98	4.8	0.2	1
T17-1-10	07/17/98	07/20/98	<0.2	0.2	1
TF32-1-SUR	07/17/98	07/20/98	1.4	0.2	1
T7-1A-3	07/17/98	07/20/98	24	0.2	1
T7-1A-5	07/17/98	07/20/98	14	0.2	1
T7-1A-10	07/17/98	07/20/98	7.6	0.2	1
T5-2-5	07/17/98	07/20/98	5.5	0.2	1
T5-2-10	07/17/98	07/20/98	100	0.2	1
T5-1-3	07/17/98	07/20/98	350	0.2	1
R1-2-SUR	07/17/98	07/20/98	2.1	0.2	1

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/20/98		07/20/98	07/20/98			
Analyte							
STLC Lead	100	70-130	85	98	70-130	14	0-25

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Client ID:	TF32-1-SUR	T5-2-SUR	T5-2-3	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/17/98	07/17/98	07/17/98	07/17/98		
Analysis Date:	07/20/98	07/20/98	07/20/98	07/20/98		
Analyte						
Chromium (Cr)	<0.1	<0.1	0.1	<0.1	0.1	6010
DF	1	1	1	1		

Client ID:	T5-1-3	Method Blank	T5-2-5	T5-2-10	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/17/98	07/17/98	07/24/98	07/24/98	07/24/98		
Analysis Date:	07/20/98	07/20/98	07/24/98	07/24/98	07/24/98		
Analyte							
Barium (Ba)	16	<2.0	---	---	<2.0	2.0	6010
Mercury (Hg)	---	<0.0002	0.0025	0.01	<0.0002	0.0002	7471
DF	1	1	1	1	1		

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		07/24/98		07/24/98	07/24/98			
Analyte	EPA Method							
Barium (Ba)	6010	98	70-130	85	85	76-114	0.0	0-9
Chromium (Cr)	6010	99	70-130	95	96	75-108	0.0	0-9
Mercury (Hg)	7471	100	70-130	105	103	80-122	2.0	0-10

Pace Analytical

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3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980629-01
PACE ANALYTICAL WO #: 13326B
Client ID #:575-8G001

Date: 9/1/99

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/28/99 and received on 05/29/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead (Soil)	2-3
STLC Barium, Chromium & Mercury (Soil)	4-5
List of Abbreviations and Definitions	6

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (Wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980529-01
PACE ANALYTICAL WO#:133258
Client ID#:575-8G001

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Sample ID	Preparation Date	Analysis Date	STLC Lead mg/L	PRL mg/L	DF
Units					
Method Blank	07/17/98	07/20/98	<0.2	0.2	1
T17-1-SUR	07/17/98	07/20/98	1.1	0.2	1
T17-1-5	07/17/98	07/20/98	4.9	0.2	1
T17-1-10	07/17/98	07/20/98	<0.2	0.2	1
TF32-1-SUR	07/17/98	07/20/98	1.4	0.2	1
T7-1A-3	07/17/98	07/20/98	24	0.2	1
T7-1A-5	07/17/98	07/20/98	14	0.2	1
T7-1A-10	07/17/98	07/20/98	7.6	0.2	1
T5-2-5	07/17/98	07/20/98	5.5	0.2	1
T5-2-10	07/17/98	07/20/98	100	0.2	1
T5-1-3	07/17/98	07/20/98	350	0.2	1
R1-2-SUR	07/17/98	07/20/98	2.1	0.2	1

Pace Analytical

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/20/98		07/20/98	07/20/98			
Analyte							
STLC Lead	100	70-130	85	98	70-130	14	0-25

Pace Analytical

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3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980529-01
PACE ANALYTICAL WO#:13325B
Client ID#:575-8Q001

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Client ID:	TF32-1-SUR	T5-2-SUR	T5-2-3	Method Blank		EPA
Units:	mg/L	mg/L	mg/L	mg/L	PRL mg/L	Method
Preparation Date:	07/17/98	07/17/98	07/17/98	07/17/98		
Analysis Date:	07/20/98	07/20/98	07/20/98	07/20/98		
Analyte						
Chromium (Cr)	<0.1	<0.1	0.1	<0.1	0.1	6010
DF	1	1	1	1		

Client ID:	T5-1-3	Method Blank	T5-2-5	T5-2-10	Method Blank	PRL	EPA
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Method
Preparation Date:	07/17/98	07/17/98	07/24/98	07/24/98	07/24/98		
Analysis Date:	07/20/98	07/20/98	07/24/98	07/24/98	07/24/98		
Analyte							
Barium (Ba)	16	<2.0	---	---	<2.0	2.0	6010
Mercury (Hg)	---	<0.0002	0.0025	0.01	<0.0002	0.0002	7471
DF	1	1	1	1	1		

Pace Analytical

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		07/24/98		07/24/98	07/24/98			
Barium (Ba)	6010	98	70-130	85	85	76-114	0.0	0-9
Chromium (Cr)	6010	99	70-130	95	95	75-108	0.0	0-9
Mercury (Hg)	7471	100	70-130	105	103	80-122	2.0	0-10

Pace Analytical

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mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
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% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

Pace Analytical

13-25
980529-01 423450

Page 1 of 4

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No
Address: 1320 W. Winton, Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-80001		Pace Project No.
	Project Name / No.: West Approach		*Requested Due Date: 6/12/98

Sampled By (PRINT): Scott Bowers

Sampler Signature: _____ Date Sampled: 5/28/98

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM METALS (17)	TPH-D	BTEX	VOC	SVOC	PCBs	STLC Ha (3)	STLC 926 (1)	STLC Acr (3)	STLC Nbr (1)	A.A. 6/19/98	REMARKS
1	T17-1-SUR	1340	S	Run 6/18	1						X	X	X	X		⊗						
2	T17-1-3	1345																				
3	T17-1-5.0	1350		7-17									↓	↓		⊗						Rush
4	T17-1-10	1355														⊗						Archive
5	TF32-1-SUR	810											X	X		⊗						
6	TF32-1-3	815																				
7	TF32-1-5.0	820																				
8	TF32-1-10	825	↓	↓							↓	↓	↓	↓		⊗						

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
Client Courier			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/29/98	1700	Client Courier	5/29/98	1701
				Hunglam/Pace	5/29/98	900

SAMPLE CONDITION

Temp: 5 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Page 2 of 2 — Analytic Request

SSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days
1320 W. Winton Ave.	Bill To: ←	Pace Client No.
Hayward, CA 94545	P.O. # / Billing Reference: 575-86001	Pace Project Manager
(510) 785-1111	Project Name / No.: West Approach	Pace Project No.
(PRINT): Scott Bowers		*Requested Due Date: 6/12/98
Signature: ←	Date Sampled: 5/28/98	

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA HCl	NaOH	ANALYSES REQUEST: SCR metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	STLC Pb	STLC Cu	REMARKS
F32-1-15	830	S	Run 6/17							X		X						RUSH
F32-1-20	835									X		X				⊗		Archive
7-1A-SUR	855														⊗			
7-1A-3	900														⊗			
7-1A-5.0	905									↓		↓			⊗			RUSH
7-1A-10	910																	Archive
7-1A-15	915									X		X				⊗		
15-2-SUR	915	↓																

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
Overnite			

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
2	PST	5/28/98	1700	Hunglam	5/28/98	1700
					5/29/98	900

SAMPLE CONDITION

Temp: ___ °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

8/97

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

Page 3 of 4

Chain of Custody / Analytical Request

Company: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601		Pace Project No.
	Project Name / No.: West Approach		*Requested Due Date: 6/2/98

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature] Date Sampled: 5/28/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM METALS - 17 PLUS	BTEX	TCLP	LOGS	STLC	STLC Hg	STLC Pb	STLC Cd	STLC Ba	REMARKS
TS-2-3	920	S	7-17							X	X		X			⊗			
TS-2-5.0	925									↓	↓		↓		⊗	⊗			
TS-2-10	930									↓	↓		↓		⊗	⊗			RUSH
TS-2-15	935		E																Archive
TS-1-SUR	940									X	X	X		X					
TS-1-3	945									↓	↓	↓		↓		⊗	⊗		
TS-1-5.0	950																		RUSH
TS-1-10	955	↓																	Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnite			

Additional Comments:

ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSI	5/28/98	1700	CA Overnite	5/28/98	1700
				Hayward Pace	5/29/98	900

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

CC Analytical

98u329-VT 23 3

Page 4 of 4

CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☒ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
1320 W. Winton Ave	Bill To:		Pace Project Manager
Hayward, CA 94545	P.O. # / Billing Reference: 575-86001		Pace Project No.
(510) 785-1111	Project Name / No.: West Hayward		*Requested Due Date: 6/12/98

Sampler(s) By (PRINT): Scott Bowers

Sampler Signature:

Date Sampled: 5/28/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
R1-2-SUR	1020	S		17						X	X	X	X	X	X	(X)	
R1-2-2	1025																
R1-2-4	1030																RUSH
R1-2-10	1035																Archive
R1-2-14	1040																

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
OVER			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible] / PSI	5/29/98	1700	[illegible] / Pace	[illegible]	900

SAMPLE CONDITION

Temp: 5 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

6/97

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980630-05
PACE ANALYTICAL WO #: 13335B
Client ID #: 575-9G001

Date: 9/1/99

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/29/98 and received on 05/30/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Copper, Lead, Chromium (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980530-05
PACE ANALYTICAL WO#:133358
Client ID#:575 - 8G001

Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Client ID:	D58-S	D58-3.0	D59-S	D60-3.0	D61-S	D61-3	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/17/98	07/17/98	07/17/98	07/17/98	07/21/98	07/21/98		
Analysis Date:	07/20/98	07/20/98	07/20/98	07/20/98	07/24/98	07/24/98		
Analyte								
Chromium (Cr)	—	---	—	---	0.6	0.5	0.02	6010
Copper (Cu)	18	---	---	—	14	—	0.02	6010
Lead (Pb)	200	110	9.4	39	190	100	0.02	6010
DF	10	10	10	10	10	10		

Client ID:	D62-S	D64-S	D64-3	D65-S	D68-S	D68-3.0	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/21/98	07/21/98	07/21/98	07/21/98	07/21/98	07/21/98		
Analysis Date:	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98		
Analyte								
Chromium (Cr)	—	---	—	---	---	---	0.02	6010
Copper (Cu)	---	---	---	—	---	---	0.02	6010
Lead (Pb)	1.7	120	8.2	2.1	85	8.4	0.02	6010
DF	10	10	10	10	10	10		

Pace Analytical

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		07/20/98		07/20/98	07/20/98			
Analyte	EPA Method							
Copper (Cu)	6010	100	70-130	67	67	70-130	0.0	0-25
Lead (Pb)	6010	100	70-130	*	*	74-106	*	0-9

*Matrix interference sample is 4 times or larger than spk concentration

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		07/24/98		07/24/98	07/24/98			
Analyte	EPA Method							
Chromium (Cr)	6010	99	70-130	98	95	75-108	1.0	0-9
Copper (Cu)	6010	100	70-130	88	86	70-130	2.3	0-25
Lead (Pb)	6010	95	70-130	*	*	74-106	*	0-9

*Matrix interference.

Pace Analytical

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µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

Pace Analytical

1005530-05

4.045

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: ←		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 575-8G00L		Pace Project No.
	Project Name / No.: West Approach		Requested Due Date: 6/16/98

Sampled By (PRINT): CHRIS MERRITT

Sample Signature: CHRIS MERRITT Date Sampled: 5/29/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	STLC Cu (2)	STLC Pb (2)	STLC Cr (2)	REMARKS
1	D56-5	925	S		1						X	X		X						
2	D56-3.0	940			1							X		X						
3	D58-5	850			1							X		X		⊗	⊗			
4	D58-3.0	857			1							X		X			⊗			
5	D59-5	955			1								X				⊗			
6	D59-3.0	1017			1								X							
7	D60-5	956			1								X							
8	D60-3.0	1004	↓		1						↓	↓	X				⊗			

AA 6/19/98

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnite			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/29/98		CA Overnite	5/29/98	
				Hargleon Place	5/30/98	0900

SAMPLE CONDITION

Temp: 4 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

8/97

Pace Analytical

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13-05
980530-05

423455

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss
Address: 1320 W. Winton Ave	Bill To: ←
Hayward, CA 94544	P.O. # / Billing Reference: 575-86001
Phone: (510) 785-1111	Project Name / No.: West Approach
Sampled By (PRINT):	
Sampler Signature:	Date Sampled:

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6/6/98

#	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	STLC Cr	STLC Pb	STLC Cu	REMARKS
1	D61-S	1011	S		1						X	X	X		X			⊗	⊗	
2	D61-3	1030			1						X	X	X		X			⊗		
3	D62-S	1144			1						X	X		X				⊗		← Pb ONLY
4	D62-3	1205			1						X	X		X						
5	D63-S	1049			1						X	X	X		X	X				
6	~~D63-3~~ D64-S	1040			1						X	X		X					⊗	
7	D64-3	126			1						X	X		X					⊗	
8											~~X~~	~~X~~						–		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/29/98	1500	CALIFORNIA DISTRICT	5/30/98	1500
				Douglas Place	5/30/98	1040

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

1,2,3 — 80-30 — 5 — 4 — 4

CHAIN-OF-CUSTODY RECORD
Analytical Request

ent PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
ress 1320 W. WINTON AVE	Bill To: SAME		Pace Project Manager
HAYWARD CA 94545	P.O. # / Billing Reference 86001 SFW		Pace Project No.
one 510 785-1111	Project Name / No. CALTRANS SFW		*Requested Due Date: 6/16/98

mpled By (PRINT): CHRIS MERRITT

mpler Signature: CHRIS MERRITT — Date Sampled: 5/29/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	8020	8260	8270	1060 PCB	CAM 17	STLC Pb	* REMARKS
D65-5	1324	Soil		1						X	X		X		X		⊗	
D65-3.0	1336			1						X	X		X		X			
~~D66-5~~	1305			1						X		X			X			
~~D66-3.0~~	1325			1						X		X			X			
~~D68-5~~	1227			1						X	X		X		X		⊗	
D68-3.0	1242		2.02	1						X	X		X		X		⊗	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ditional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/29/98	1500	CALIFORNIA OVERNIGHT	5/29/98	1500
				Hand Gun / Pace	5/30/98	1000

SAMPLE CONDITION

Temp: _____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

697

ORIGINAL

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location: WEST APPROACH

PACE ANALYTICAL Project #: 990602-03
PACE ANALYTICAL WO #: 13341B
Client ID #: BG001 SFW

Date: 9/1/99

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/01/99 and received on 06/02/99. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Mercury, Lead, Chromium & Nickel (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from those protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980602-03
PACE ANALYTICAL WO#:13341B
Client ID#:SG001 SFW

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/L	STLC Mercury mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date					
Method Blank	07/21/98	07/24/98	<0.2	0.2	<0.002	0.002	1
D71-S	07/21/98	07/24/98	23	0.2	---	---	1
D71-3.0	07/21/98	07/24/98	26	0.2	---	---	1
D76-S	07/21/98	07/24/98	110	0.2	---	---	1
D75-3.0	07/21/98	07/24/98	16	0.2	---	---	1
D76-S	07/21/98	07/24/98	7.8	0.2	---	---	1
D76-3.0	07/21/98	07/24/98	19	0.2	---	---	1
D77-S	07/21/98	07/24/98	0.7	0.2	---	---	1
D77-3.0	07/21/98	07/24/98	24	0.2	---	---	1
D78-3.0	07/21/98	07/24/98	16	0.2	---	---	1
D26-S	07/21/98	07/24/98	7.4	0.2	---	---	1
D26-2.0	07/21/98	07/24/98	6.3	0.2	---	---	1
D25-S	07/21/98	07/24/98	24	0.2	---	---	1
D27-S	07/21/98	07/24/98	*	---	---	---	1
B10-S	07/24/98	07/24/98	8.3	0.2	0.003	0.002	1
B10-3.0	07/21/98	07/24/98	*	---	---	---	1
B10-6.0	07/24/98	07/24/98	9.6	0.2	0.003	0.002	1
B9-3.0	07/24/98	07/24/98	---	---	0.014	0.002	1

Units			STLC Lead mg/L	PRL mg/L	STLC Nickel mg/L	PRL mg/L	STLC Chromium mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date							
D28-S	07/21/98	07/24/98	10	0.2	7.1	0.1	0.2	0.1	1

* Not enough sample for analysis.

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980602-03
PACE ANALYTICAL WO#:13341B
Client ID#:8G001 SFW

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/24/98		07/24/98	07/24/98			
Analyte							
STLC Lead	101	80-120	76	75	70-130	1.3	0-25
STLC Mercury	100	80-120	105	103	80-122	2.0	0-10
STLC Nickel	100	80-120	100	100	70-130	0.0	0-25
STLC Chromium	99	80-120	98	97	70-130	1.0	

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

Pace Analytical

1334B
980602-03

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423313

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS		*Requested Due Date: 6/26/98
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/1/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-D	8020	8260	8270	4050	CAM 17	STLC Ag (3)	STLC CrVI (1)	STLC Ni (1)	REMARKS
1	D71-S	0834			1						X		X			X		⊗		
2	D71-3.0	0850			1						X		X			X		⊗		
3	D75-S	0907			1						X	X		X		X		⊗		
4	D75-3.0	0920			1						X	X		X		X		⊗		
5	D76-S	0928			1						X		X		X	X		⊗		
6	D76-3.0	0942			1						X		X		X	X		⊗		
7	D77-S	0925			1						X	X		X		X		⊗		
8	D77-3.0	1000			1						X	X		X		X		⊗		

AA 6/19/98

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnite			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/1/98	1520	CA Overnite	6/1/98	1530

SAMPLE CONDITION

Temp: 3 °C	Received on Ice: (Y) N	Sealed Cooler: (Y) N	Samples Intact: (Y) N

Pace Analytical

13041B 423314
Page 2/3 980602-03 CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: DSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601		Pace Project No.
	Project Name / No.: West Approach		*Requested Due Date: 6/16/98

Sampled By (PRINT): Chris Merritt
Sampler Signature: CHRIS MERRITT Date Sampled: 6-01-98

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO$_3$	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM metals (TPH-S)	BTEX	VOC's	SVOC	PCB's	STLC Pb	STLC Cr	STLC Ni	REMARKS
1	D78-S	1015	S		1						X	X	X		X	X				
2	D78-3.0	1030			1						X	X	X		X	X	⊗			
3	D26-S	1054			1						X	X		X			⊗			
4	D26-2.0	1057			1						X	X		X			⊗			
5	D25-S	1050			1						X	X	X		X		⊗			
6	D27-S	1100			1						X	X	X		X		⊗			
7	D28-S		√		1						X	X		X			⊗⊗	⊗	⊗	
8	D28-3.0				1						X	X		X		—				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnite			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← IBE	6/1/98	1530	CA Overnite	6/1/98	1530
				Fed Ex/Pace	6/2/98	1000

SAMPLE CONDITION

Temp: 3 °C	Received on Ice: (Y) / N	Sealed Cooler: (Y) / N	Samples Intact: (Y) / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

13541D
980602-03

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423315

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94544	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601		Pace Project No.
Sampled By (PRINT): Chris Merritt	Project Name / No.: West Approach		*Requested Due Date: 6/29/98
Sampler Signature: CHRIS MERRITT	Date Sampled: 6-01-98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-G/BTEX	BTEX	VOCs	SVOCs	PCBs	STLC Hg (3)	6/19/98 AA	REMARKS
1	B10-5	1235	S		1						X	X	X	X	X	X	⊗		* none on page 1-2
2	B10-3.0	1305			1						X	X	X	X	X	X			
3	B10-6.0	1313			1						X	X	X	X	X	X	⊗		
4	B9-5	1335			1						X	X	X	X	X				
5	B9-3.0	1415			1						X	X	X	X	X		⊗		
6																			
7																			
8																			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/1/98	1530	C. Dromitz	6/1/98	1530

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Additional Comments

SEE REVERSE SIDE FOR INSTRUCTIONS

6/97

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980603-03
PACE ANALYTICAL WO #: 133578
Client ID #: BG001 SFW

Date: 9/1/99

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/02/98 and received on 06/03/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead, Chromium, Barium (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980503-03
PACE ANALYTICAL WO#:133578
Client ID:8G001 SFW

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/L	STLC Chromium mg/L	PRL mg/L	STLC Barium mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date							
Method Blank	07/21/98	07/24/98	<0.2	0.2	<0.1	0.1	<2.0	2.0	1
D29-1.0	07/21/98	07/24/98	—	—	0.2	0.1	—	—	10
D33-S	07/21/98	07/24/98	—	—	<0.1	0.1	—	—	10
B4-1.0	07/21/98	07/24/98	2.4	0.2	—	—	12	2.0	10
D32-S	07/21/98	07/24/98	4.4	0.2	—	—	—	—	10
D32-3.0	07/21/98	07/24/98	4.8	0.2	—	—	—	—	10
B11-S	07/21/98	07/24/98	15	0.2	—	—	—	—	10
B11-2.5	07/21/98	07/24/98	11	0.2	—	—	—	—	10
B3-S	07/21/98	07/24/98	16	0.2	—	—	—	—	10
B3-3.0	07/21/98	07/24/98	3.8	0.2	—	—	—	—	10
B4-S	07/21/98	07/24/98	8.6	0.2	—	—	—	—	10
B5-S	07/21/98	07/24/98	5.2	0.2	—	—	—	—	10

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:							
Analyte							
STLC Lead		70-130			70-130		0-25

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

960605-03 423398

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK ROSS
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 SFW
	Project Name / No.: CALTRANS SFW

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6/16/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 6/2/98

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	8020	8260	8270	8080 PCB	CAM 17	@STLC Pb	@STLC Cd	@STLC Ba	REMARKS
1	D29-5	0613									X		X		X	X				
2	D29-1.0	0624									X		X		X	X		(X)		
3	D30-5	0859									X	X		X		X				
4	D30-3.0	0929									X	X		X		X				
5	D31-5	1015									X		X		X	X				
6	D31-3.0	1025									X		X		X	X				
7	D32-5	1124									X	X		X		X		(X)		
8	D32-3.0	1131									X	X		X		X		(X)		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/2/98	1530	CALIFORNIA OVERNIGHT	6/3/98	
				Kinglam Pace	6/3/98	1000

SAMPLE CONDITION

Temp: 5D °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

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980603-03 423397

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510-785-1111	P.O. # / Billing Reference: 86001 SFW		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SFW		*Requested Due Date: 6/16/98
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/2/98		

	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-S	8020	8260	8270	8080 PCB	CAM 17	STLC PB	STLC CR	STLC ZN	REMARKS
1	B33-S	1244		1-4 C							X		X		X	X		⊗		
2	B33-3.0	1257		7-11							X		X		X	X				
3	B11-S	1150		D							X	X	X	X	X	X	⊗			
4	B11-2.5	1201									X	X	X	X	X	X	⊗			
5	B3-S	1335 1330									X	X	X	X	X	X	⊗			
6	B3-3.0	1400 1352									X	X	X	X		X	⊗			
7	B4-S	1343									X	X	X	X		X	⊗			
8	B4-1.0	1348									X	X	X	X	X	X	⊗			
9											X	X	X	X	X	X	⊗	⊗		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/2/98	1530	CALIFORNIA OVERNIGHT	6/2/98	
				Fed Ex / Pace	6/3/98	0800

SAMPLE CONDITION

Temp: 5.0 °C	Received on Ice: (Y) / N	Sealed Cooler: (Y) / N	Samples Intact: (Y) / N

ORIGINAL TURNAROUND

SEE REVERSE SIDE FOR INSTRUCTIONS

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK ROSS
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME
Phone: 510 785 1111	P.O. # / Billing Reference: 86001 SFW
	Project Name / No.: CALTRANS SFW

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6/16/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 6/2/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	MeOH	ANALYSES REQUEST: TPH-5	8020	8260	8270	5030 PCBs	CAM 17	STLC Pb	REMARKS
B5-5	1340		74 D							X	X	X	X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/2/98	1530	CALIFORNIA OVERNIGHT	6/2/98	
				Hyland/Pace	6/3/98	800

SAMPLE CONDITION

Temp: 5.0 °C | Received on Ice: (Y)/N | Sealed Cooler: (Y)/N | Samples Intact: (Y)/N

SEE REVERSE SIDE FOR INSTRUCTIONS

6/97

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980604-03
PACE ANALYTICAL WO #: 13368B
Client ID #: 8G001 SFW

Date: 9/1/99

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/03/98 and received on 06/04/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1235.

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980603-03
PACE ANALYTICAL WO#:133668
Client ID:8C001 SFW

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	07/21/98	07/24/98	<0.2	0.2	1
D34-S	07/21/98	07/24/98	2.4	0.2	10
D35-S	07/21/98	07/24/98	4.1	0.2	10
D36-S	07/21/98	07/24/98	4.4	0.2	10
D37-S	07/21/98	07/24/98	16	0.2	10
B1-S	07/21/98	07/24/98	4.9	0.2	10
B1-2.0	07/21/98	07/24/98	1.7	0.2	10
B2-S	07/21/98	07/24/98	11	0.2	10
B6-S	07/21/98	07/24/98	24	0.2	10
B7-S	07/21/98	07/24/98	4.8	0.2	10
B8-S	07/21/98	07/24/98	150	0.2	10
TF21-1-S	07/21/98	07/24/98	43	0.2	10
TF21-1-1.0	07/21/98	07/24/98	9.0	0.2	10
TF22-1-S	07/21/98	07/24/98	33	0.2	10
TF22-1-1.0	07/21/98	07/24/98	3.3	0.2	10

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/24/98		07/24/98	07/24/98			
Analyte							
STLC Lead	101	70-130	110	100	70-130	9.5	0-25

Pace Analytical

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980604-03

423316

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: RSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785 1111	P.O. # / Billing Reference: 8G001 SFW		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS SFW		*Requested Due Date: 6/8/98
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/3/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8020	8260	8270	8080 PCB	CAM 17	STLC Pb	STLC Cu	REMARKS
1	TF22-1-5	1327	SOIL								X	X	X	X	X	(X)			
2	TF22-1-1.0	1332	↓								X	X	X	X	X	(X)			
3																			
4																			
5																			
6																			
7																			
8																+			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/3/98	1530	FED EX	6/3/98	
				[illegible] Pace	6/4/98	PM

SAMPLE CONDITION

Temp: 1.0 °C	Received on Ice: (Y) N	Sealed Cooler: (Y) N	Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: WEST APPROACH
Site Location:

PACE ANALYTICAL Project #: 980520-07
PACE ANALYTICAL WO #: 13275C
Client ID #: 575-8G001

Date: 7/23/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/19/98 and received on 05/19/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead, Copper, Barium, Zinc, Chromium & Nickel (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980520-07
PACE ANALYTICAL WO#:13275C
Client ID#:575-8G001

Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Client ID:	TNF8-2-3	TNF8-1-S	TNF7-4-5	TNF7-2-S	TNF7-3-3	TNF7-1-S	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/14/98	07/14/98	07/14/98	07/14/98	07/14/98	07/14/98		
Analysis Date:	07/20/98	07/20/98	07/20/98	07/20/98	07/20/98	07/20/98		
Analyte								
Barium (Ba)	--	--	--	--	11	--	0.01	6010
Chromium (Cr)	--	--	--	--	--	0.5	0.02	6010
Copper (Cu)	--	57	--	--	--	--	0.02	6010
Lead (Pb)	20	1400	20	10	120	--	0.02	6010
Nickel (Ni)	--	--	--	--	--	3.8	0.01	6010
Zinc (Zn)	--	--	--	--	280	--	0.2	6010
DF	1	1	1	1	1	1		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980520-07
PACE ANALYTICAL WO#:13275C
Client ID#:575-6G001

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Client ID:	T1-5-5	TNF7-1-3	TNF7-1-5	TNF6-2-10	TNF6-1-3	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/14/98	07/14/98	07/14/98	07/14/98	07/14/98	07/14/98		
Analysis Date:	07/20/98	07/20/98	07/20/98	07/20/98	07/20/98	07/20/98		
Analyte								
Lead (Pb)	11	220	190	93	31	<0.02	0.02	6010
DF	1	1	1	1	1			

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

		LCS	Acceptable	Matrix Spike	Matrix Spike Dup.	Acceptable	RPD	Acceptable
		% Rec.	Range	% Rec.	% Rec.	Range	%	Range
Analysis Date:		07/20/98		07/20/98	07/20/98			
Analyte	EPA Method							
Barium (Ba)	6010	98	70-130	78	76	76-114	3.9	0-9
Chromium (Cr)	6010	99	70-130	103	102	75-108	1.0	0-9
Copper (Cu)	6010	100	70-130	106	105	70-130	0.9	0-25
Lead (Pb)	6010	100	70-130	114	117	74-106	2.6	0-9
Nickel (Ni)	6010	100	70-130	96	95	70-130	1.0	0-25
Zinc (Zn)	6010	99	70-130	123	122	70-130	0.8	0-25

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP		Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

13275C
980520-07 423372
Page 1 of 5

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client	PSI
Address	1320 W. Winton Ave Hayward, CA 94545
Phone	(510) 785-1111
Sampled By (PRINT):	Scott Bond
Sampler Signature	
Date Sampled	5/19/98
Report To:	Frank Poss
Bill To:	
P.O. # / Billing Reference	575-8600
Project Name / No.	West Approach

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6-3-98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Cd2 Metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
T1-5-S	735	S								X	X	X	X			⊗	
T1-5-3	740	↓								↓	↓	↓	↓				
T1-5-5	745																
T1-5-10	750																RUSH
TNF8-2-S	805									X	X	X	X			⊗	Archive
TNF8-2-3	810															⊗	
TNF8-2-5	815									↓	↓	↓	↓				
TNF8-2-10	820	↓															RUSH
																	Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	5/19				

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | S... Cool... / N ...mple ...t:

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13275
980520-07
Page 2 of 5

423380

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PST	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 N. Wilson Ave, Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (570) 785-1111	P.O. # / Billing Reference: 575-8C-001		Pace Project No.
	Project Name / No.: West Approach		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: ←

Date Sampled: 5/19/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CLP Metals	TPH-5	BTEX	8260	8270	8080	STLC Pb	STLC Cu	REMARKS
1	TNF8-1-5	905	S								X	X	X	X			X	X	
2	TNF8-1-3	910																	
3	TNF8-1-5	915																	Rush
4	TNF8-1-10	920																	Archive
5	TNF7-4-5	935											X						
6	TNF7-4-3	940		Run 6/13															
7	TNF7-4-5	945															X		RUSH
8	TNF-7-4-10	950																	Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
CA Overnite			

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← PSI	5/19/98	1700	CA Overnite	5/19/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

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...ce Analytical

132756
980520-07

Page 3 of 5

423383

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client	PSI
Address	1320 W. Winton Ave
	Hayward, CA 94545
Phone	(510) 785-1111
Report To:	Frank Post
Bill To:	←
P.O. # / Billing Reference	575-80001
Project Name / No.	West Approach

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

Sampled By (PRINT): Scott Bowers
Sampler Signature:
Date Sampled: 5/19/98

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-5	BTEX	8260	8270	8080	STLC Pb	STLC Cd	STLC Zn	REMARKS
	TNF7-2-5	1020	S	Run 6/13							X	X	X	X		⊗				
	TNF7-2-3	1025																		
	TNF7-2-5	1030																		
	~~TNF7-2-10~~	1035																		
	TNF7-3-5	1050		A5/01																Rush
	TNF7-3-3	1055																		Archive
	TNF7-3-5	1100																		
	TNF7-3-10	1105	↓	B5/04							↓	↓					⊗	⊗	⊗	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	/ PSI	5/19/98	1700		5/19/98	1700

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

ace Analytical

980520-07 423385

Page 4 of 5

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8G001		Pace Project No.
	Project Name / No.: West Approach		*Requested Due Date:

Sampled By (PRINT): Scott Bowen

Sampler Signature: [signature] Date Sampled: 5/19/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CLP metals	TPH-5	BTEX	8260	8270	8080	STLC Cr	STLC Pb	STLC Ni	REMARKS
1	TNF7-1-S	1110	S	num 6/13							X	X	X	X			⊗	⊗	⊗	
2	TNF7-1-3	1115																⊗		
3	TNF7-1-5	1120																⊗		RUSH
4	~~TNF7-1-10~~ Archive	1125		Archive sample																Archive
5	TNF6-2-S	1255		B 5/21									X	X				⊗		
6	TNF6-2-3	1300																⊗		
7	TNF6-2-5	1305																⊗		
8	TNF6-2-10	1310	V	I							V	V	V	V				⊗		RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSI	5/19/98	1700		5/19/98	1700

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

B 97

ce Analytical

152150
980520-07 423386

CHAIN-OF-CUSTODY RECORD
Analytical Request

Page 5 of 5

ient PST	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
ddress 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
hone (510) 785-1111	P.O. # / Billing Reference 575-8601		Pace Project No.
	Project Name / No. West Approach		*Request Due Date:

ampled By (PRINT): Scott Boyer

ampler Signature: [signature] Date Sampled: 5/19/98

EN O.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: EDB-Methods	TPH-5	BTEX 8260	8270	8080	STLC Pb	STLC Ni	STLC Cr	REMARKS
1	TNF6-2-15	1315	S																Archive
2	TNF6-1-5	1405		Run 6/13 B															
3	TNF6-1-3	1410		Run 5/31 TCLP															Rush
4	TNF6-1-5	1415	↓																Archive
5	~~TNF6-1-10~~	~~1420~~	~~↓~~																
6																			
7																			
8																			

S.B.

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

dditional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSI	5/19/98		CA Onsite	5/19/98	1700

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Advanced Technology Laboratories

June 3, 1998

ELAP No.: 1838

Pace Analytical
3970 E. Gilman St.
Long Beach, CA 90815

ATTN: Mr. Richard Villafania

Client's Project: 980519-03
Lab No.: 26317-001

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Edgar P. Caballero
Laboratory Director
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Pace Analytical
Attn: Mr. Richard Villafania

Client's Project: 980519-03

Date Received: 05/27/98
Date Sampled: NA

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
26317-001	WT1-4	EPA 7470 (Mercury)	06/01/98	ND	Water, mg/L	0.004	0.004	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: 6/3/98
Cheryl De Los Reyes
Department Supervisor

The cover letter is an integral part of this analytical report

Spike Recovery and RPD Summary Report

Method: EPA 7470
Analyst: DJ
Data File: 80601-1
QA File: 8153-1

Date: 06-01-98
Sample ID: 26153-003
Matrix: WATER
QC Batch Number: HG980601W-1

ANALYTE	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	DLR
Mercury	ug/L	0.0100	0.0085	85	ND	ND	0.0100	0.0112	0.0106	112	106	50-147	6	24	0.004

Approved by: Cheryl De Los Reyes
Inorganics Supervisor

Date: 6/5/98

Advanced Technology Laboratories

Pace Analytical

1 of 1

423691

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Pace	Report To: Richard	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone	Project Name / No. 980519-03		Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Hg	REMARKS
1	WTI-4		W					X			X	
2												
3												
4												
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	DLY	5/21/98		[illegible] ATL	5/27	4:35

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8-97

Pace Project Number: 6021892
Client Project ID: 980521-03

Pace Sample No.: 601892409 Date Collected: 05/20/98 Matrix: Water
Client Sample ID: WT 1-4 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
GC/MS -- VOA									
Volatile Organics	Method: EPA 8260					Prep Method: EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ug/L	5		05/28/98	GPO	630-20-6		U
1,1,1-Trichloroethane	ND	ug/L	5		05/28/98	GPO	71-55-6		U
1,1,2,2-Tetrachloroethane	ND	ug/L	5		05/28/98	GPO	79-34-5		U
1,1,2-Trichloroethane	ND	ug/L	5		05/28/98	GPO	79-00-5		U
1,1-Dichloroethane	ND	ug/L	5		05/28/98	GPO	75-34-3		U
1,1-Dichloroethene	ND	ug/L	5		05/28/98	GPO	75-35-4		U
1,1-Dichloropropene	ND	ug/L	5		05/28/98	GPO	563-58-6		U
1,2,3-Trichlorobenzene	ND	ug/L	5		05/28/98	GPO	87-61-6		U
1,2,3-Trichloropropane	ND	ug/L	5		05/28/98	GPO	96-18-4		U
1,2,4-Trichlorobenzene	ND	ug/L	5		05/28/98	GPO	120-82-1		U
1,2,4-Trimethylbenzene	ND	ug/L	5		05/28/98	GPO	95-63-6		U
1,2-Dibromo-3-Chloropropane	ND	ug/L	5		05/28/98	GPO	96-12-8		U
1,2-Dibromoethane	ND	ug/L	5		05/28/98	GPO	106-93-4		U
1,2-Dichlorobenzene	ND	ug/L	5		05/28/98	GPO	95-50-1		U
1,2-Dichloroethane	ND	ug/L	5		05/28/98	GPO	107-06-2		U
1,2-Dichloropropane	ND	ug/L	5		05/28/98	GPO	78-87-5		U
1,3,5-Trimethylbenzene	ND	ug/L	5		05/28/98	GPO	108-67-8		U
1,3-Dichlorobenzene	ND	ug/L	5		05/28/98	GPO	541-73-1		U
1,3-Dichloropropane	ND	ug/L	5		05/28/98	GPO	142-28-9		U
1,4-Dichlorobenzene	ND	ug/L	5		05/28/98	GPO	106-46-7		U
2,2-Dichloropropane	ND	ug/L	5		05/28/98	GPO	594-20-7		U
2-Butanone	ND	ug/L	10		05/28/98	GPO	78-93-3		U
2-Chloroethyl Vinyl Ether	ND	ug/L	5		05/28/98	GPO	110-75-8		U
2-Chlorotoluene	ND	ug/L	5		05/28/98	GPO	95-49-8		U
2-Hexanone	ND	ug/L	10		05/28/98	GPO	591-78-6		U
4-Chlorotoluene	ND	ug/L	5		05/28/98	GPO	106-43-4		U
4-Methyl-2-Pentanone	ND	ug/L	10		05/28/98	GPO	108-10-1		U
Acetone	ND	ug/L	20		05/28/98	GPO	67-64-1		U
Benzene	ND	ug/L	5		05/28/98	GPO	71-43-2		U
Bromobenzene	ND	ug/L	5		05/28/98	GPO	108-86-1		U

Pace Project Number: 6021892
Client Project ID: 980521-03

Pace Sample No.: 601892409 Date Collected: 05/20/98 Matrix: Water
Client Sample ID: WT 1-4 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
Bromochloromethane	ND	ug/L	5		05/28/98	GPO	74-97-5		U
Bromodichloromethane	ND	ug/L	5		05/28/98	GPO	75-27-4		U
Bromoform	ND	ug/L	5		05/28/98	GPO	75-25-2		U
Bromomethane	ND	ug/L	5		05/28/98	GPO	74-83-9		U
Carbon Disulfide	ND	ug/L	5		05/28/98	GPO	75-15-0		U
Carbon Tetrachloride	ND	ug/L	5		05/28/98	GPO	56-23-5		U
Chlorobenzene	ND	ug/L	5		05/28/98	GPO	108-90-7		U
Chloroethane	ND	ug/L	5		05/28/98	GPO	75-00-3		U
Chloroform	ND	ug/L	5		05/28/98	GPO	67-66-3		U
Chloromethane	ND	ug/L	5		05/28/98	GPO	74-87-3		U
cis-1,2-Dichloroethene	ND	ug/L	5		05/28/98	GPO	156-59-2		U
cis-1,3-Dichloropropene	ND	ug/L	5		05/28/98	GPO	10061-01-5		U
Dibromochloromethane	ND	ug/L	5		05/28/98	GPO	124-48-1		U
Dibromomethane	ND	ug/L	5		05/28/98	GPO	74-95-3		U
Dichlorodifluoromethane	ND	ug/L	5		05/28/98	GPO	75-71-8		U
Diisopropyl ether (DIPE)	ND	ug/L	5		05/28/98	GPO	108-20-3		U
Ethanol	ND	ug/L	500		05/28/98	GPO	64-17-5		U
Ethyl-tert-butyl ether(ETBE)	ND	ug/L	5		05/28/98	GPO	637-92-3		U
Ethylbenzene	ND	ug/L	5		05/28/98	GPO	100-41-4		U
Hexachlorobutadiene	ND	ug/L	5		05/28/98	GPO	87-68-3		U
Isopropylbenzene (Cumene)	ND	ug/L	5		05/28/98	GPO	98-82-8		U
M&P-Xylene	ND	ug/L	5		05/28/98	GPO			U
Methyl-tert-butyl Ether	ND	ug/L	5		05/28/98	GPO	1634-04-4		U
Methylene Chloride	ND	ug/L	5		05/28/98	GPO	75-09-2		U
n-Butylbenzene	ND	ug/L	5		05/28/98	GPO	104-51-8		U
n-Propylbenzene	ND	ug/L	5		05/28/98	GPO	103-65-1		U
Naphthalene	ND	ug/L	5		05/28/98	GPO	91-20-3		U
O-Xylene (1,2-Dimethylbenzene)	ND	ug/L	5		05/28/98	GPO	95-47-6		U
p-Isopropyltoluene	ND	ug/L	5		05/28/98	GPO	99-87-6		U
sec-Butylbenzene	ND	ug/L	5		05/28/98	GPO	135-98-8		U
Styrene	ND	ug/L	5		05/28/98	GPO	100-42-5		U
tert-Amyl Methyl ether(TAME)	ND	ug/L	5		05/28/98	GPO	994-05-8		U

Pace Project Number: 6021892
Client Project ID: 980521-03

Pace Sample No.: 601892409 Date Collected: 05/20/98 Matrix: Water
Client Sample ID: WT 1-4 Date Received: 05/20/98

Parameters	Results	Units	PRL	MDL	Analyzed	Analyst	CAS	Notes	Qual.
tert-butyl Alcohol(TBA)	ND	ug/L	100		05/28/98	GPO	75-65-0		U
tert-Butylbenzene	ND	ug/L	5		05/28/98	GPO	98-06-6		U
Tetrachloroethene	ND	ug/L	5		05/28/98	GPO	127-18-4		U
Toluene	ND	ug/L	5		05/28/98	GPO	108-88-3		U
trans-1,2-Dichloroethene	ND	ug/L	5		05/28/98	GPO	156-60-5		U
trans-1,3-Dichloropropene	ND	ug/L	5		05/28/98	GPO	10061-02-6		U
Trichloroethene	ND	ug/L	5		05/28/98	GPO	79-01-6		U
Trichlorofluoromethane	ND	ug/L	5		05/28/98	GPO	75-69-4		U
Vinyl Acetate	ND	ug/L	10		05/28/98	GPO	108-05-4		U
Vinyl Chloride	ND	ug/L	5		05/28/98	GPO	75-01-4		U
4-Bromofluorobenzene (S)	98	%			05/28/98	GPO	460-00-4		
Dibromofluoromethane (S)	106	%			05/28/98	GPO	1868-53-7		
Toluene-d8 (S)	109	%			05/28/98	GPO	2037-26-5		
Total EPA 8260	ND								

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715175 Date Collected: 06/27/98 Matrix: Soil
Cnt Sample ID: DTB45 1 4 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080			Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/08/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/08/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/08/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/08/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/08/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/08/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/08/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	100	%		07/08/98	SJW	877-09-8	
Decachlorobiphenyl (S)	132	%		07/08/98	SJW	2051-24-3	
Date Extracted				07/06/98			
GC/MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	SAC	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	SAC	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	SAC	74-97-5	
1,1,1-Trichloroethane	20	ug/kg	5	07/11/98	SAC	71-55-6	7
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	SAC	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-617-6400
Fax: 612-617-6444

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715175
ent Sample ID: OTB45 1 4

Date Collected: 06/27/98
Date Received: 07/01/98

Matrix: Soil

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/11/98	SAC	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	SAC	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/11/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	SAC	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	SAC	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	SAC	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	SAC	87-68-3	
Naphthalene	14	ug/kg	5	07/11/98	SAC	91-20-3	1
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	SAC	110-75-8	
Acetone	18	ug/kg	20	07/11/98	SAC	67-64-1	1,2,3
2-Butanone	1.8	ug/kg	10	07/11/98	SAC	78-93-3	2,7

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Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715175
ent Sample ID: DTB45 1 4

Date Collected: 06/27/98
Date Received: 07/01/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	SAC	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	SAC	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	SAC	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	SAC	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	SAC	75-65-0	
Dibromofluoromethane (S)	114	%		07/11/98	SAC	1868-53-7	
Toluene-d8 (S)	108	%		07/11/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	76	%		07/11/98	SAC	460-00-4	
1,2-Dichloroethane-d4 (S)	126	%		07/11/98	SAC	17060-07-0	9,10

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715183 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB45 2 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Semi-VOA							
PCB's in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/08/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/08/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/08/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/08/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/08/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/08/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/08/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	101	%		07/08/98	SJW	877-09-8	
Decachlorobiphenyl (S)	142	%		07/08/98	SJW	2051-24-3	
Date Extracted				07/06/98			
MS -- VOA							
GC/MS VOCs by 8260		Method: EPA 8260				Prep Method: EPA 8260	
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	

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Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715183 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB45 2 3 Date Received: 07/01/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	TAW	75-65-0	
Dibromofluoromethane (S)	102	%		07/11/98	TAW	1868-53-7	
Toluene-d8 (S)	124	%		07/11/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	104	%		07/11/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%		07/11/98	TAW	17060-07-0	

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715191 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB56 1 1 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
emivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	210	ug/kg	330	07/15/98	SAC	108-95-2	2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/15/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/15/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/15/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/15/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/15/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/15/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/15/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/15/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/15/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/15/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/15/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/15/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/15/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/15/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/15/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/15/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/15/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/15/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/15/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/15/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/15/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/15/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/15/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/15/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/15/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/15/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/15/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/15/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/15/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/15/98	SAC	51-28-5	

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715191
ent Sample ID: DTB56 1 1

Date Collected: 06/27/98
Date Received: 07/01/98

Matrix: Soil

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/15/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/15/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/15/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/15/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/15/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/15/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/15/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/15/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/15/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/15/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/15/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/15/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/15/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/15/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/15/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/15/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/15/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/15/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/15/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/15/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/15/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/15/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/15/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/15/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/15/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/15/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/15/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/15/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	67	%		07/15/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	68	%		07/15/98	SAC	321-60-8	
Terphenyl-d14 (S)	101	%		07/15/98	SAC	1718-51-0	
Phenol-d6 (S)	78	%		07/15/98	SAC	13127-88-3	
2-Fluorophenol (S)	58	%		07/15/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	45	%		07/15/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715209 Date Collected: 06/27/98 Matrix: Soil
ient Sample ID: DTB56 1 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics		Method: EPA 8270			Prep Method: EPA 3550		
Phenol	520	ug/kg	330	07/09/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/09/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/09/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/09/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/09/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/09/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/09/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/09/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/09/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/09/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/09/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/09/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/09/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/09/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/09/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/09/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/09/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/09/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/09/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/09/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/09/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/09/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/09/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/09/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5	

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Pace Project Number: 108303
Client Project ID: 980630-02

ce Sample No: 10715209 Date Collected: 06/27/98 Matrix: Soil
ient Sample ID: DTB56 1 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/09/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/09/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/09/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/09/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/09/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/09/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/09/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/09/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/09/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/09/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/09/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/09/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/09/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/09/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/09/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/09/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/09/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	66	%		07/09/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	66	%		07/09/98	SAC	321-60-8	
Terphenyl-d14 (S)	67	%		07/09/98	SAC	1718-51-0	
Phenol-d6 (S)	56	%		07/09/98	SAC	13127-88-3	
2-Fluorophenol (S)	53	%		07/09/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	41	%		07/09/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715217 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB55 1 1 Date Received: 07/01/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- VOA							
/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	79-00-5	
Tetrachloroethene	2.2	ug/kg	5	07/11/98	TAW	127-18-4	1,2
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	630-20-6	
Ethylbenzene	2.1	ug/kg	5	07/11/98	TAW	100-41-4	2
M&P-Xylene	ND	ug/kg	5	07/11/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	3.4	ug/kg	5	07/11/98	TAW	95-47-6	2
Styrene	ND	ug/kg	5	07/11/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	TAW	75-25-2	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715217 Date Collected: 06/27/98 Matrix: Soil
ient Sample ID: DTB55 1 1 Date Received: 07/01/98

heters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/11/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	TAW	110-75-8	
Acetone	7.6	ug/kg	20	07/11/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/11/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	TAW	75-65-0	
Dibromofluoromethane (S)	102	%		07/11/98	TAW	1868-53-7	
Toluene-d8 (S)	124	%		07/11/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	108	%		07/11/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%		07/11/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715225 Date Collected: 06/27/98 Matrix: Soil
Sample ID: DTB55 1 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA							
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	79-00-5	
Tetrachloroethene	2.1	ug/kg	5	07/11/98	TAW	127-18-4	1,2
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	TAW	75-25-2	

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715225
ent Sample ID: DTB55 1 3

Date Collected: 06/27/98
Date Received: 07/01/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/11/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	TAW	110-75-8	
Acetone	7.2	ug/kg	20	07/11/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/11/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	TAW	75-65-0	
Dibromofluoromethane (S)	102	%		07/11/98	TAW	1868-53-7	
Toluene-d8 (S)	122	%		07/11/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	108	%		07/11/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%		07/11/98	TAW	17060-07-0	

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715233 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB55 2 1 Date Received: 07/01/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- Semi-VOA							
emivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	140	ug/kg	330	07/09/98	SAC	108-95-2	2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/09/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/09/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/09/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/09/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/09/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/09/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/09/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/09/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/09/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/09/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/09/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/09/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/09/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/09/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/09/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/09/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/09/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/09/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/09/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/09/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/09/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/09/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/09/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5	

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Pace Project Number: 108303
Client Project ID: 980630-02

Lab Sample No: 10715233
Client Sample ID: DTB55 2 1

Date Collected: 06/27/98
Date Received: 07/01/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/09/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/09/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/09/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/09/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/09/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/09/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/09/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/09/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/09/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/09/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	100	ug/kg	330	07/09/98	SAC	117-81-7	2
Di-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/09/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/09/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/09/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/09/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/09/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/09/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	65	%		07/09/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	67	%		07/09/98	SAC	321-60-8	
Terphenyl-d14 (S)	64	%		07/09/98	SAC	1718-51-0	
Phenol-d6 (S)	66	%		07/09/98	SAC	13127-88-3	
2-Fluorophenol (S)	64	%		07/09/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	64	%		07/09/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108103
Client Project ID: 980630-02

Sample No: 10715241 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB55 2 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
mivolatile Organics	Method: EPA 8270			Prep Method: EPA 3550			
Phenol	120	ug/kg	330	07/09/98	SAC	108-95-2	2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/09/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/09/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/09/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/09/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/09/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/09/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/09/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/09/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/09/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/09/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/09/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/09/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/09/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/09/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/09/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/09/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/09/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/09/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/09/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/09/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/09/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/09/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/09/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715241 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB55 2 3 Date Received: 07/01/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/09/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/09/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/09/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/09/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/09/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/09/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/09/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/09/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/09/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/09/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/09/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/09/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/09/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/09/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/09/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/09/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/09/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	66	%		07/09/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	72	%		07/09/98	SAC	321-60-8	
Terphenyl-d14 (S)	69	%		07/09/98	SAC	1718-51-0	
Phenol-d6 (S)	65	%		07/09/98	SAC	13127-88-3	
2-Fluorophenol (S)	62	%		07/09/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	56	%		07/09/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108103
Client Project ID: 980630-02

e Sample No: 10715258 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB54 2 1 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA							
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	79-00-5	
Tetrachloroethene	2.0	ug/kg	5	07/11/98	TAW	127-18-4	1,2
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	TAW	75-25-2	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Pace Sample No: 10715258
Client Sample ID: DTB54 2 1

Date Collected: 06/27/98
Date Received: 07/01/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/11/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	TAW	110-75-8	
Acetone	7.4	ug/kg	20	07/11/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/11/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	TAW	75-65-0	
Dibromofluoromethane (S)	100	%		07/11/98	TAW	1868-53-7	
Toluene-d8 (S)	122	%		07/11/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	104	%		07/11/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%		07/11/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

'e Sample No: 10715266 Date Collected: 06/27/98 Matrix: Soil
ient Sample ID: DTB54 2 3 Date Received: 07/01/98

'arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA							
C/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	6.7	ug/kg	5	07/11/98	TAW	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	79-00-5	
Tetrachloroethene	2.0	ug/kg	5	07/11/98	TAW	127-18-4	1,2
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	TAW	75-25-2	

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Pace Project Number: 108303
Client Project ID: 980630-02

Pace Sample No: 10715266
Client Sample ID: DTB54 2 3

Date Collected: 06/27/98
Date Received: 07/01/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/11/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	TAW	110-75-8	
Acetone	10	ug/kg	20	07/11/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/11/98	TAW	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	TAW	75-65-0	
Dibromofluoromethane (S)	100	%		07/11/98	TAW	1868-53-7	
Toluene-d8 (S)	120	%		07/11/98	TAW	2037-26-5	
4-Bromofluorobenzene (S)	108	%		07/11/98	TAW	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%		07/11/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715274 Date Collected: 06/27/98 Matrix: Soil
Client Sample ID: DTB53 2 1 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C -- Semi-VOA							
PCB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/08/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/08/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/08/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/08/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/08/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/08/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/08/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	103	%		07/08/98	SJW	877-09-8	
Decachlorobiphenyl (S)	140	%		07/08/98	SJW	2051-24-3	
Date Extracted				07/06/98			
C -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	250	ug/kg	330	07/15/98	SAC	108-95-2	2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/15/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/15/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/15/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/15/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/15/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/15/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/15/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/15/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/15/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/15/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/15/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/15/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/15/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/15/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/15/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/15/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/15/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/15/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/15/98	SAC	106-47-8	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715274 Date Collected: 06/27/98 Matrix: Soil
Sample ID: DT853 2 1 Date Received: 07/01/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Hexachlorobutadiene	ND	ug/kg	330	07/15/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/15/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/15/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/15/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/15/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/15/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/15/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/15/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/15/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/15/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/15/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/15/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/kg	1600	07/15/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/15/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/15/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/15/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/15/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/15/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/15/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/15/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/15/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/15/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/15/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/15/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/15/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/15/98	SAC	120-12-7	
Di-n-butylphthalate	240	ug/kg	330	07/15/98	SAC	84-74-2	2
Fluoranthene	100	ug/kg	330	07/15/98	SAC	206-44-0	2
Pyrene	130	ug/kg	330	07/15/98	SAC	129-00-0	2
Butylbenzylphthalate	ND	ug/kg	330	07/15/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/15/98	SAC	91-94-1	
Benzo(a)anthracene	79	ug/kg	330	07/15/98	SAC	56-55-3	2
Chrysene	98	ug/kg	330	07/15/98	SAC	218-01-9	2
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/15/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/15/98	SAC	117-84-0	
Benzo(b)fluoranthene	100	ug/kg	330	07/15/98	SAC	205-99-2	2
Benzo(k)fluoranthene	ND	ug/kg	330	07/15/98	SAC	207-08-9	
Benzo(a)pyrene	89	ug/kg	330	07/15/98	SAC	50-32-8	2

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715274 Date Collected: 06/27/98 Matrix: Soil
Client Sample ID: DTB53 2 1 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/15/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/15/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/15/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	59	%		07/15/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	55	%		07/15/98	SAC	321-60-8	
Terphenyl-d14 (S)	79	%		07/15/98	SAC	1718-51-0	
Phenol-d6 (S)	71	%		07/15/98	SAC	13127-88-3	
2-Fluorophenol (S)	62	%		07/15/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	60	%		07/15/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715282 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB53 2 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
XC -- Semi-VOA							
CB's in Soil, Low Level		Method: EPA 8080				Prep Method: EPA 3550	
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/08/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/08/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/08/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/08/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/08/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/08/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/08/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	90	%		07/08/98	SJW	877-09-8	
Decachlorobiphenyl (S)	131	%		07/08/98	SJW	2051-24-3	
Date Extracted				07/06/98			
MS -- Semi-VOA							
Semivolatile Organics		Method: EPA 8270				Prep Method: EPA 3550	
Phenol	ND	ug/kg	330	07/09/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/09/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/09/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/09/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/09/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/09/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/09/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/09/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/09/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/09/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/09/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/09/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/09/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/09/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/09/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/09/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/09/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/09/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/09/98	SAC	106-47-8	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715282
ent Sample ID: DTB53 2 3

Date Collected: 06/27/98
Date Received: 07/01/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Hexachlorobutadiene	ND	ug/kg	330	07/09/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/09/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/09/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/09/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/09/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/09/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/09/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/09/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/09/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/09/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/09/98	SAC	206-44-0	
Pyrene	84	ug/kg	330	07/09/98	SAC	129-00-0	2
Butylbenzylphthalate	ND	ug/kg	330	07/09/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/09/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/09/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/09/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/09/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/09/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/09/98	SAC	50-32-8	

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715282
ent Sample ID: OTB53 2 3

Date Collected: 06/27/98
Date Received: 07/01/98

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/09/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/09/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/09/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	70	%		07/09/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	74	%		07/09/98	SAC	321-60-8	
Terphenyl-d14 (S)	72	%		07/09/98	SAC	1718-51-0	
Phenol-d6 (S)	74	%		07/09/98	SAC	13127-88-3	
2-Fluorophenol (S)	64	%		07/09/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	70	%		07/09/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715290 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DT853 1 1 Date Received: 07/01/98

eters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- VOA							
MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/11/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	07/11/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	SAC	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	SAC	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-60-5	
1,1-Dichloroethane	1.8	ug/kg	5	07/11/98	SAC	75-34-3	2,7
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	SAC	74-97-5	
1,1,1-Trichloroethane	8.1	ug/kg	5	07/11/98	SAC	71-55-6	7
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	SAC	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	SAC	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	SAC	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/11/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	SAC	100-41-4	
M&P-Xylene	2.2	ug/kg	5	07/11/98	SAC	7816-60-0	2,11
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	SAC	75-25-2	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715290 Date Collected: 06/27/98 Matrix: Soil
Sample ID: DTB53 1 1 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	SAC	87-68-3	
Naphthalene	13	ug/kg	5	07/11/98	SAC	91-20-3	1,7
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	SAC	110-75-8	
Acetone	11	ug/kg	20	07/11/98	SAC	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/11/98	SAC	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	SAC	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	SAC	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	SAC	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	SAC	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	SAC	75-65-0	
Dibromofluoromethane (S)	98	%		07/11/98	SAC	1868-53-7	
Toluene-d8 (S)	100	%		07/11/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	84	%		07/11/98	SAC	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%		07/11/98	SAC	17060-07-0	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715316 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: OTB59 1 1 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS - Semi-VOA							
mivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	210	ug/kg	330	07/09/98	SAC	108-95-2	2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/09/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/09/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/09/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/09/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/09/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/09/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/09/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/09/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/09/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/09/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/09/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/09/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/09/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/09/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/09/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/09/98	SAC	120-82-1	
Naphthalene	260	ug/kg	330	07/09/98	SAC	91-20-3	2
4-Chloroaniline	ND	ug/kg	660	07/09/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/09/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/09/98	SAC	59-50-7	
2-Methylnaphthalene	150	ug/kg	330	07/09/98	SAC	91-57-6	2
Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3	
Acenaphthylene	160	ug/kg	330	07/09/98	SAC	208-96-8	2
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/09/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715316 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB59 1 1 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100-02-7	
Dibenzofuran	78	ug/kg	330	07/09/98	SAC	132-64-9	2
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/09/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5	
Phenanthrene	740	ug/kg	330	07/09/98	SAC	85-01-8	
Anthracene	280	ug/kg	330	07/09/98	SAC	120-12-7	2
Di-n-butylphthalate	ND	ug/kg	330	07/09/98	SAC	84-74-2	
Fluoranthene	1100	ug/kg	330	07/09/98	SAC	206-44-0	
Pyrene	1800	ug/kg	330	07/09/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/09/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1	
Benzo(a)anthracene	1400	ug/kg	330	07/09/98	SAC	56-55-3	
Chrysene	1600	ug/kg	330	07/09/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/09/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0	
Benzo(b)fluoranthene	2500	ug/kg	330	07/09/98	SAC	205-99-2	
Benzo(k)fluoranthene	970	ug/kg	330	07/09/98	SAC	207-08-9	
Benzo(a)pyrene	2000	ug/kg	330	07/09/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	550	ug/kg	330	07/09/98	SAC	193-39-5	
Dibenz(a,h)anthracene	410	ug/kg	330	07/09/98	SAC	53-70-3	
Benzo(g,h,i)perylene	500	ug/kg	330	07/09/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	64	%		07/09/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	64	%		07/09/98	SAC	321-60-8	
Terphenyl-d14 (S)	76	%		07/09/98	SAC	1718-51-0	
Phenol-d6 (S)	67	%		07/09/98	SAC	13127-88-3	
2-Fluorophenol (S)	62	%		07/09/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	61	%		07/09/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715324 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB59 1 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- Semi-VOA							
emivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/09/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/09/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/09/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/09/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/09/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/09/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/09/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/09/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/09/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/09/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/09/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/09/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/09/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/09/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/09/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/09/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/09/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/09/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/09/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/09/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/09/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/09/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/09/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/09/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5	

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Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715324
nt Sample ID: DTB59 I 3

Date Collected: 06/27/98
Date Received: 07/01/98

Matrix: Soil

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/09/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/09/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3	
dexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74-1	
entachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5	
Phenanthrene	71	ug/kg	330	07/09/98	SAC	85-01-8	2
Anthracene	ND	ug/kg	330	07/09/98	SAC	120-12-7	
)i-n-butylphthalate	ND	ug/kg	330	07/09/98	SAC	84-74-2	
fluoranthene	ND	ug/kg	330	07/09/98	SAC	206-44-0	
Pyrene	89	ug/kg	330	07/09/98	SAC	129-00-0	2
Butylbenzylphthalate	ND	ug/kg	330	07/09/98	SAC	85-68-7	
,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1	
)enzo(a)anthracene	ND	ug/kg	330	07/09/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/09/98	SAC	218-01-9	
his(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/09/98	SAC	117-81-7	
)i-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0	
enzo(b)fluoranthene	ND	ug/kg	330	07/09/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/09/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/09/98	SAC	50-32-8	
ndeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/09/98	SAC	193-39-5	
ibenz(a,h)anthracene	ND	ug/kg	330	07/09/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/09/98	SAC	191-24-2	
"itrobenzene-d5 (S)	65	%		07/09/98	SAC	4165-60-0	
-Fluorobiphenyl (S)	71	%		07/09/98	SAC	321-60-8	
erphenyl-d14 (S)	74	%		07/09/98	SAC	1718-51-0	
Phenol-d6 (S)	67	%		07/09/98	SAC	13127-88-3	
-Fluorophenol (S)	63	%		07/09/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	62	%		07/09/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715332 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB49 2 1 Date Received: 07/01/98

eters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/08/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/08/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/08/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/08/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/08/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/08/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/08/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	98	%		07/08/98	SJW	877-09-8	
Decachlorobiphenyl (S)	136	%		07/08/98	SJW	2051-24-3	
Date Extracted				07/06/98			
-- VOA							
MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	3.8	ug/kg	5	07/11/98	TAW	75-71-8	2
Chloromethane	ND	ug/kg	5	07/11/98	TAW	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	TAW	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	TAW	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	TAW	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	TAW	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	TAW	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	TAW	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	TAW	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	TAW	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	TAW	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	TAW	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	TAW	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	TAW	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	TAW	75-27-4	

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Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715332
nt Sample ID: DTB49 2 1

Date Collected: 06/27/98
Date Received: 07/01/98

Matrix: Soil

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Dibromomethane	ND	ug/kg	5	07/11/98	TAW	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	TAW	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	TAW	79-00-5	
Tetrachloroethene	1.7	ug/kg	5	07/11/98	TAW	127-18-4	1,2
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	TAW	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	TAW	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	TAW	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	TAW	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	TAW	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	TAW	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	TAW	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	TAW	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	TAW	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	TAW	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	TAW	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	TAW	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	TAW	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	TAW	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	TAW	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	TAW	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	TAW	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	TAW	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	TAW	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	TAW	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	TAW	87-68-3	
Naphthalene	ND	ug/kg	5	07/11/98	TAW	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	TAW	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	TAW	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	TAW	110-75-8	
Acetone	11	ug/kg	20	07/11/98	TAW	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/11/98	TAW	78-93-3	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715332 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DT849 2 1 Date Received: 07/01/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	TAW	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	TAW	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	TAW	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	TAW	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	TAW	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	TAW	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	TAW	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	TAW	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	TAW	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	TAW	75-65-0	
Dibromofluoromethane ($)	98	%		07/11/98	TAW	1868-53-7	
Toluene-d8 ($)	122	%		07/11/98	TAW	2037-26-5	
4-Bromofluorobenzene ($)	104	%		07/11/98	TAW	460-00-4	
1,2-Dichloroethane-d4 ($)	108	%		07/11/98	TAW	17060-07-0	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715340 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB49 2 3 Date Received: 07/01/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C -- Semi-VOA							
CB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/08/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/08/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/08/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/08/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/08/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/08/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/08/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	92	%		07/08/98	SJW	877-09-8	
Decachlorobiphenyl (S)	144	%		07/08/98	SJW	2051-24-3	
Date Extracted				07/06/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715357 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB48 2 1 Date Received: 07/01/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- Semi-VOA							
mivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	140	ug/kg	330	07/09/98	SAC	108-95-2	2
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/09/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/09/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/09/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/09/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/09/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/09/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/09/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/09/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/09/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/09/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/09/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/09/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/09/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/09/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/09/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/09/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/09/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/09/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/09/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/09/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/09/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/09/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/09/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5	

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715357
ent Sample ID: DT848 2 1

Date Collected: 06/27/98
Date Received: 07/01/98

Matrix: Soil

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/09/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/09/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/09/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/09/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/09/98	SAC	84-74-2	
Fluoranthene	ND	ug/kg	330	07/09/98	SAC	206-44-0	
Pyrene	ND	ug/kg	330	07/09/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/09/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1	
Benzo(a)anthracene	ND	ug/kg	330	07/09/98	SAC	56-55-3	
Chrysene	ND	ug/kg	330	07/09/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/09/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	330	07/09/98	SAC	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	330	07/09/98	SAC	207-08-9	
Benzo(a)pyrene	ND	ug/kg	330	07/09/98	SAC	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/09/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/09/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/09/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	71	%		07/09/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	70	%		07/09/98	SAC	321-60-8	
Terphenyl-d14 (S)	74	%		07/09/98	SAC	1718-51-0	
Phenol-d6 (S)	72	%		07/09/98	SAC	13127-88-3	
2-Fluorophenol (S)	65	%		07/09/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	71	%		07/09/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: I0715365 Date Collected: 06/27/98 Matrix: Soil
Sample ID: DTB48 2 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/09/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/09/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/09/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/09/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/09/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/09/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/09/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/09/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/09/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/09/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/09/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/09/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/09/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/09/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/09/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/09/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/09/98	SAC	120-82-1	
Naphthalene	ND	ug/kg	330	07/09/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/09/98	SAC	106-47-8	
Hexachlorobutadiene	ND	ug/kg	330	07/09/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/09/98	SAC	59-50-7	
2-Methylnaphthalene	ND	ug/kg	330	07/09/98	SAC	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3	
Acenaphthylene	ND	ug/kg	330	07/09/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2	
Acenaphthene	ND	ug/kg	330	07/09/98	SAC	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715365 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB48 2 3 Date Received: 07/01/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100-02-7	
Dibenzofuran	ND	ug/kg	330	07/09/98	SAC	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3	
Fluorene	ND	ug/kg	330	07/09/98	SAC	86-73-7	
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5	
Phenanthrene	ND	ug/kg	330	07/09/98	SAC	85-01-8	
Anthracene	ND	ug/kg	330	07/09/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/09/98	SAC	84-74-2	
Fluoranthene	90	ug/kg	330	07/09/98	SAC	206-44-0	2
Pyrene	130	ug/kg	330	07/09/98	SAC	129-00-0	2
Butylbenzylphthalate	ND	ug/kg	330	07/09/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1	
Benzo(a)anthracene	81	ug/kg	330	07/09/98	SAC	56-55-3	2
Chrysene	100	ug/kg	330	07/09/98	SAC	218-01-9	2
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	07/09/98	SAC	117-81-7	
Di-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0	
Benzo(b)fluoranthene	110	ug/kg	330	07/09/98	SAC	205-99-2	2
Benzo(k)fluoranthene	ND	ug/kg	330	07/09/98	SAC	207-08-9	
Benzo(a)pyrene	99	ug/kg	330	07/09/98	SAC	50-32-8	2
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	07/09/98	SAC	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	330	07/09/98	SAC	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	330	07/09/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	68	%		07/09/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	64	%		07/09/98	SAC	321-60-8	
Terphenyl-d14 (S)	72	%		07/09/98	SAC	1718-51-0	
Phenol-d6 (S)	70	%		07/09/98	SAC	13127-88-3	
2-Fluorophenol (S)	63	%		07/09/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	68	%		07/09/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715373 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB46 2 1 Date Received: 07/01/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- VOA							
C/MS VOCs by 8260		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/12/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	07/12/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/12/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	07/12/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	07/12/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/12/98	SAC	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/12/98	SAC	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/12/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/12/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/12/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/12/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/12/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	07/12/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/12/98	SAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/12/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/12/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/12/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	07/12/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/12/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	07/12/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/12/98	SAC	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/12/98	SAC	75-27-4	
Dibromomethane	ND	ug/kg	5	07/12/98	SAC	74-95-3	
Toluene	ND	ug/kg	5	07/12/98	SAC	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/12/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/12/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/12/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/12/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/12/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/12/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/12/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/12/98	SAC	100-41-4	
M&P-Xylene	1.6	ug/kg	5	07/12/98	SAC	7816-60-0	2,7
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/12/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	07/12/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	07/12/98	SAC	75-25-2	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715373 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB46 2 1 Date Received: 07/01/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/12/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/12/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	07/12/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/12/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/12/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/12/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/12/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/12/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/12/98	SAC	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/12/98	SAC	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/12/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/12/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/12/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/12/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/12/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/12/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/12/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/12/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/12/98	SAC	87-68-3	
Naphthalene	ND	ug/kg	5	07/12/98	SAC	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/12/98	SAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/12/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/12/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/12/98	SAC	110-75-8	
Acetone	6.2	ug/kg	20	07/12/98	SAC	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/12/98	SAC	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/12/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/12/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	07/12/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/12/98	SAC	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/12/98	SAC	1634-04-4	
Ethanol	ND	ug/kg	500	07/12/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/12/98	SAC	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/12/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/12/98	SAC	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/12/98	SAC	75-65-0	
Dibromofluoromethane (S)	116	%		07/12/98	SAC	1868-53-7	10,12
Toluene-d8 (S)	116	%		07/12/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	72	%		07/12/98	SAC	460-00-4	9
1,2-Dichloroethane-d4 (S)	132	%		07/12/98	SAC	17060-07-0	9

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715399 Date Collected: 06/27/98 Matrix: Soil
Sample ID: DTB47 1 1 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C -- Semi-VOA							
PCB's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/09/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/09/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/09/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/09/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/09/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/09/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/09/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	95	%		07/09/98	SJW	877-09-8	
Decachlorobiphenyl (S)	167	%		07/09/98	SJW	2051-24-3	
Date Extracted				07/06/98			
S -- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/09/98	SAC	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	330	07/09/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/09/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/09/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/09/98	SAC	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/09/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/09/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/09/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/09/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/09/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/09/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/09/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/09/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/09/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/09/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/09/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/09/98	SAC	120-82-1	
Naphthalene	96	ug/kg	330	07/09/98	SAC	91-20-3	2
4-Chloroaniline	ND	ug/kg	660	07/09/98	SAC	106-47-8	

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715399 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB47 1 1 Date Received: 07/01/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Hexachlorobutadiene	ND	ug/kg	330	07/09/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/09/98	SAC	59-50-7	
2-Methylnaphthalene	120	ug/kg	330	07/09/98	SAC	91-57-6	2
Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3	
Acenaphthylene	96	ug/kg	330	07/09/98	SAC	208-96-8	2
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2	
Acenaphthene	110	ug/kg	330	07/09/98	SAC	83-32-9	2
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100-02-7	
Dibenzofuran	96	ug/kg	330	07/09/98	SAC	132-64-9	2
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3	
Fluorene	310	ug/kg	330	07/09/98	SAC	86-73-7	2
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5	
Phenanthrene	1800	ug/kg	330	07/09/98	SAC	85-01-8	
Anthracene	350	ug/kg	330	07/09/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/09/98	SAC	84-74-2	
Fluoranthene	1600	ug/kg	330	07/09/98	SAC	206-44-0	
Pyrene	2300	ug/kg	330	07/09/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/09/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1	
Benzo(a)anthracene	1200	ug/kg	330	07/09/98	SAC	56-55-3	
Chrysene	1300	ug/kg	330	07/09/98	SAC	218-01-9	
bis(2-Ethylhexyl)phthalate	84	ug/kg	330	07/09/98	SAC	117-81-7	2
Di-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0	
Benzo(b)fluoranthene	1500	ug/kg	330	07/09/98	SAC	205-99-2	
Benzo(k)fluoranthene	550	ug/kg	330	07/09/98	SAC	207-08-9	
Benzo(a)pyrene	1100	ug/kg	330	07/09/98	SAC	50-32-8	

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Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715399 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB47 1 1 Date Received: 07/01/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Indeno(1,2,3-cd)pyrene	430	ug/kg	330	07/09/98	SAC	193-39-5	
Dibenz(a,h)anthracene	100	ug/kg	330	07/09/98	SAC	53-70-3	2
Benzo(g,h,i)perylene	400	ug/kg	330	07/09/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	71	%		07/09/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	67	%		07/09/98	SAC	321-60-8	
Terphenyl-d14 (S)	76	%		07/09/98	SAC	1718-51-0	
Phenol-d6 (S)	76	%		07/09/98	SAC	13127-88-3	
2-Fluorophenol (S)	66	%		07/09/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	70	%		07/09/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715407 Date Collected: 06/27/98 Matrix: Soil
nt Sample ID: DTB47 1 3 Date Received: 07/01/98

...meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
-- Semi-VOA							
B's in Soil, Low Level	Method: EPA 8080				Prep Method: EPA 3550		
PCB-1016 (Arochlor 1016)	ND	mg/kg	0.03	07/08/98	SJW	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	0.03	07/08/98	SJW	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	0.03	07/08/98	SJW	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	0.03	07/08/98	SJW	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	0.03	07/08/98	SJW	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	0.03	07/08/98	SJW	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	0.03	07/08/98	SJW	11096-82-5	
Tetrachloro-meta-xylene (S)	101	%		07/08/98	SJW	877-09-8	
Decachlorobiphenyl (S)	124	%		07/08/98	SJW	2051-24-3	
Date Extracted				07/06/98			
-- Semi-VOA							
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550		
Phenol	ND	ug/kg	330	07/09/98	SAC	108-95-2	
Bis(2-Chloroethyl)ether	ND	ug/kg	330	07/09/98	SAC	111-44-4	
2-Chlorophenol	ND	ug/kg	330	07/09/98	SAC	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	106-46-7	
Benzyl Alcohol	ND	ug/kg	660	07/09/98	SAC	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	330	07/09/98	SAC	95-50-1	
2-Methylphenol	ND	ug/kg	330	07/09/98	SAC	95-48-7	
Bis(2-Chloroisopropyl)ether	ND	ug/kg	330	07/09/98	SAC	39638-32-9	
4-Methylphenol	ND	ug/kg	330	07/09/98	SAC	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	07/09/98	SAC	621-64-7	
Hexachloroethane	ND	ug/kg	330	07/09/98	SAC	67-72-1	
Nitrobenzene	ND	ug/kg	330	07/09/98	SAC	98-95-3	
Isophorone	ND	ug/kg	330	07/09/98	SAC	78-59-1	
2-Nitrophenol	ND	ug/kg	330	07/09/98	SAC	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	330	07/09/98	SAC	105-67-9	
Benzoic Acid	ND	ug/kg	1600	07/09/98	SAC	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	07/09/98	SAC	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	330	07/09/98	SAC	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	330	07/09/98	SAC	120-82-1	
Naphthalene	820	ug/kg	330	07/09/98	SAC	91-20-3	
4-Chloroaniline	ND	ug/kg	660	07/09/98	SAC	106-47-8	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10715407 Date Collected: 06/27/98 Matrix: Soil
Int Sample ID: DTB47 1 3 Date Received: 07/01/98

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Hexachlorobutadiene	ND	ug/kg	330	07/09/98	SAC	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	660	07/09/98	SAC	59-50-7	
2-Methylnaphthalene	260	ug/kg	330	07/09/98	SAC	91-57-6	2
Hexachlorocyclopentadiene	ND	ug/kg	330	07/09/98	SAC	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	330	07/09/98	SAC	95-95-4	
2-Chloronaphthalene	ND	ug/kg	330	07/09/98	SAC	91-58-7	
2-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	88-74-4	
Dimethylphthalate	ND	ug/kg	330	07/09/98	SAC	131-11-3	
Acenaphthylene	390	ug/kg	330	07/09/98	SAC	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	606-20-2	
3-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	99-09-2	
Acenaphthene	100	ug/kg	330	07/09/98	SAC	83-32-9	2
2,4-Dinitrophenol	ND	ug/kg	1600	07/09/98	SAC	51-28-5	
4-Nitrophenol	ND	ug/kg	1600	07/09/98	SAC	100-02-7	
Dibenzofuran	180	ug/kg	330	07/09/98	SAC	132-64-9	2
2,4-Dinitrotoluene	ND	ug/kg	330	07/09/98	SAC	121-14-2	
Diethylphthalate	ND	ug/kg	330	07/09/98	SAC	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	7005-72-3	
Fluorene	290	ug/kg	330	07/09/98	SAC	86-73-7	2
4-Nitroaniline	ND	ug/kg	1600	07/09/98	SAC	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1600	07/09/98	SAC	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	330	07/09/98	SAC	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	330	07/09/98	SAC	101-55-3	
Hexachlorobenzene	ND	ug/kg	330	07/09/98	SAC	118-74-1	
Pentachlorophenol	ND	ug/kg	1600	07/09/98	SAC	87-86-5	
Phenanthrene	1700	ug/kg	330	07/09/98	SAC	85-01-8	
Anthracene	480	ug/kg	330	07/09/98	SAC	120-12-7	
Di-n-butylphthalate	ND	ug/kg	330	07/09/98	SAC	84-74-2	
Fluoranthene	1900	ug/kg	330	07/09/98	SAC	206-44-0	
Pyrene	3200	ug/kg	330	07/09/98	SAC	129-00-0	
Butylbenzylphthalate	ND	ug/kg	330	07/09/98	SAC	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	660	07/09/98	SAC	91-94-1	
Benzo(a)anthracene	1600	ug/kg	330	07/09/98	SAC	56-55-3	
Chrysene	1800	ug/kg	330	07/09/98	SAC	218-01-9	
Bis(2-Ethylhexyl)phthalate	120	ug/kg	330	07/09/98	SAC	117-81-7	2
Di-n-octylphthalate	ND	ug/kg	330	07/09/98	SAC	117-84-0	
Benzo(b)fluoranthene	2400	ug/kg	330	07/09/98	SAC	205-99-2	
Benzo(k)fluoranthene	880	ug/kg	330	07/09/98	SAC	207-08-9	
Benzo(a)pyrene	1700	ug/kg	330	07/09/98	SAC	50-32-8	

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715407 Date Collected: 06/27/98 Matrix: Soil
ent Sample ID: DTB47 1 3 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Indeno(1,2,3-cd)pyrene	680	ug/kg	330	07/09/98	SAC	193-39-5	
Dibenz(a,h)anthracene	200	ug/kg	330	07/09/98	SAC	53-70-3	2
Benzo(g,h,i)perylene	680	ug/kg	330	07/09/98	SAC	191-24-2	
Nitrobenzene-d5 (S)	70	%		07/09/98	SAC	4165-60-0	
2-Fluorobiphenyl (S)	73	%		07/09/98	SAC	321-60-8	
Terphenyl-d14 (S)	88	%		07/09/98	SAC	1718-51-0	
Phenol-d6 (S)	73	%		07/09/98	SAC	13127-88-3	
2-Fluorophenol (S)	68	%		07/09/98	SAC	367-12-4	
2,4,6-Tribromophenol (S)	68	%		07/09/98	SAC	118-79-6	
Date Extracted				07/07/98			

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Pace Project Number: 108303
Client Project ID: 980630-02

ce Sample No: 10715415 Date Collected: 06/27/98 Matrix: Soil
lient Sample ID: TTB66 2 5 Date Received: 07/01/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC/MS -- VOA							
GC/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	1.8	ug/kg	5	07/11/98	SAC	75-71-8	2
Chloromethane	ND	ug/kg	5	07/11/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/11/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	07/11/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	07/11/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/11/98	SAC	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/11/98	SAC	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/11/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	07/11/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/11/98	SAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/11/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	07/11/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/11/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	07/11/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/11/98	SAC	75-27-4	
Dibromomethane	ND	ug/kg	5	07/11/98	SAC	74-95-3	
Toluene	ND	ug/kg	5	07/11/98	SAC	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/11/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/11/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/11/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/11/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/11/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/11/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/11/98	SAC	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/11/98	SAC	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/11/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	07/11/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	07/11/98	SAC	75-25-2	

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Pace Project Number: 108303
Client Project ID: 980630-02

e Sample No: 10715415
ent Sample ID: TTB66 2 5

Date Collected: 06/27/98
Date Received: 07/01/98

Matrix: Soil

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/11/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/11/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	07/11/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/11/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/11/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/11/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/11/98	SAC	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/11/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/11/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/11/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/11/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/11/98	SAC	87-68-3	
Naphthalene	14	ug/kg	5	07/11/98	SAC	91-20-3	1,13
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/11/98	SAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/11/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/11/98	SAC	110-75-8	
Acetone	8.9	ug/kg	20	07/11/98	SAC	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/11/98	SAC	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/11/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/11/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	07/11/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/11/98	SAC	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/11/98	SAC	1634-04-4	
Ethanol	ND	ug/kg	500	07/11/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/11/98	SAC	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/11/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/11/98	SAC	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/11/98	SAC	75-65-0	
Dibromofluoromethane (S)	110	%		07/11/98	SAC	1868-53-7	
Toluene-d8 (S)	108	%		07/11/98	SAC	2037-26-5	
4-Bromofluorobenzene (S)	80	%		07/11/98	SAC	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%		07/11/98	SAC	17060-07-0	

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Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10735462 Date Collected: 06/27/98 Matrix: Soil
Int Sample ID: DTB49-2-3 Date Received: 07/15/98

meters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
C/MS -- VOA							
/MS VOCs by 8260	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/kg	5	07/12/98	SAC	75-71-8	
Chloromethane	ND	ug/kg	5	07/12/98	SAC	74-87-3	
Vinyl Chloride	ND	ug/kg	5	07/12/98	SAC	75-01-4	
Bromomethane	ND	ug/kg	5	07/12/98	SAC	74-83-9	
Chloroethane	ND	ug/kg	5	07/12/98	SAC	75-00-3	
Trichlorofluoromethane	ND	ug/kg	5	07/12/98	SAC	75-69-4	
Methylene Chloride	ND	ug/kg	5	07/12/98	SAC	75-09-2	
1,1-Dichloroethene	ND	ug/kg	5	07/12/98	SAC	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	5	07/12/98	SAC	156-60-5	
1,1-Dichloroethane	ND	ug/kg	5	07/12/98	SAC	75-34-3	
2,2-Dichloropropane	ND	ug/kg	5	07/12/98	SAC	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5	07/12/98	SAC	156-59-2	
Chloroform	ND	ug/kg	5	07/12/98	SAC	67-66-3	
Bromochloromethane	ND	ug/kg	5	07/12/98	SAC	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	5	07/12/98	SAC	71-55-6	
Carbon Tetrachloride	ND	ug/kg	5	07/12/98	SAC	56-23-5	
1,1-Dichloropropene	ND	ug/kg	5	07/12/98	SAC	563-58-6	
Benzene	ND	ug/kg	5	07/12/98	SAC	71-43-2	
1,2-Dichloroethane	ND	ug/kg	5	07/12/98	SAC	107-06-2	
Trichloroethene	ND	ug/kg	5	07/12/98	SAC	79-01-6	
1,2-Dichloropropane	ND	ug/kg	5	07/12/98	SAC	78-87-5	
Bromodichloromethane	ND	ug/kg	5	07/12/98	SAC	75-27-4	
Dibromomethane	ND	ug/kg	5	07/12/98	SAC	74-95-3	
Toluene	ND	ug/kg	5	07/12/98	SAC	108-88-3	
1,1,2-Trichloroethane	ND	ug/kg	5	07/12/98	SAC	79-00-5	
Tetrachloroethene	ND	ug/kg	5	07/12/98	SAC	127-18-4	
1,3-Dichloropropane	ND	ug/kg	5	07/12/98	SAC	142-28-9	
Dibromochloromethane	ND	ug/kg	5	07/12/98	SAC	124-48-1	
1,2-Dibromoethane	ND	ug/kg	5	07/12/98	SAC	106-93-4	
Chlorobenzene	ND	ug/kg	5	07/12/98	SAC	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5	07/12/98	SAC	630-20-6	
Ethylbenzene	ND	ug/kg	5	07/12/98	SAC	100-41-4	
M&P-Xylene	ND	ug/kg	5	07/12/98	SAC	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	5	07/12/98	SAC	95-47-6	
Styrene	ND	ug/kg	5	07/12/98	SAC	100-42-5	
Bromoform	ND	ug/kg	5	07/12/98	SAC	75-25-2	

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Pace Analytical

Pace Project Number: 108303
Client Project ID: 980630-02

Sample No: 10735462 Date Collected: 06/27/98 Matrix: Soil
Sample ID: OTB49-2-3 Date Received: 07/15/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Isopropylbenzene (Cumene)	ND	ug/kg	5	07/12/98	SAC	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	07/12/98	SAC	79-34-5	
Bromobenzene	ND	ug/kg	5	07/12/98	SAC	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	5	07/12/98	SAC	96-18-4	
n-Propylbenzene	ND	ug/kg	5	07/12/98	SAC	103-65-1	
2-Chlorotoluene	ND	ug/kg	5	07/12/98	SAC	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	5	07/12/98	SAC	108-67-8	
4-Chlorotoluene	ND	ug/kg	5	07/12/98	SAC	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5	07/12/98	SAC	95-63-6	
sec-Butylbenzene	ND	ug/kg	5	07/12/98	SAC	135-98-8	
tert-Butylbenzene	ND	ug/kg	5	07/12/98	SAC	98-06-6	
p-Isopropyltoluene	ND	ug/kg	5	07/12/98	SAC	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	5	07/12/98	SAC	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5	07/12/98	SAC	106-46-7	
n-Butylbenzene	ND	ug/kg	5	07/12/98	SAC	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	5	07/12/98	SAC	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	5	07/12/98	SAC	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	5	07/12/98	SAC	120-82-1	
Hexachlorobutadiene	ND	ug/kg	5	07/12/98	SAC	87-68-3	
Naphthalene	ND	ug/kg	5	07/12/98	SAC	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5	07/12/98	SAC	87-61-6	
trans-1,3-Dichloropropene	ND	ug/kg	5	07/12/98	SAC	10061-02-6	
cis-1,3-Dichloropropene	ND	ug/kg	5	07/12/98	SAC	10061-01-5	
2-Chloroethyl Vinyl Ether	ND	ug/kg	5	07/12/98	SAC	110-75-8	
Acetone	15	ug/kg	20	07/12/98	SAC	67-64-1	1,2,3
2-Butanone	ND	ug/kg	10	07/12/98	SAC	78-93-3	
4-Methyl-2-Pentanone	ND	ug/kg	10	07/12/98	SAC	108-10-1	
Carbon Disulfide	ND	ug/kg	10	07/12/98	SAC	75-15-0	
2-Hexanone	ND	ug/kg	100	07/12/98	SAC	591-78-6	
Vinyl Acetate	ND	ug/kg	100	07/12/98	SAC	108-05-4	
Methyl-tert-butyl Ether	ND	ug/kg	5	07/12/98	SAC	1634-04-4	
Ethanol	ND	ug/kg	500	07/12/98	SAC	64-17-5	
Isopropyl Ether	ND	ug/kg	5	07/12/98	SAC	108-20-3	
Ethyl-tert-butyl ether	ND	ug/kg	5	07/12/98	SAC	637-92-3	
tert-Amylmethyl ether	ND	ug/kg	5	07/12/98	SAC	994-05-8	
2-Methyl-2-propanol	ND	ug/kg	100	07/12/98	SAC	75-65-0	
Dibromofluoromethane (S)	106	%		07/12/98	SAC	1868-53-7	
Toluene-d8 (S)	100	%		07/12/98	SAC	2037-26-5	10
4-Bromofluorobenzene (S)	90	%		07/12/98	SAC	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%		07/12/98	SAC	17060-07-0	

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Fax: 612-617-6444

Pace Project Number: 108303
Client Project ID: 980630-02

AMETER FOOTNOTES

ND Not Detected
NC Not Calculable
PRL Pace Reporting Limit
S Surrogate
1] Analyte is found in the associated blank as well as in the sample (CLP B-Flag).
2] Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
Common laboratory contaminant.
Spiked sample recovery is not within control limits.
5] Recovery does not meet QC limits of 43-148%.
Recovery does not meet QC limits of 48-187%.
This sample was reanalyzed out of holding with no detection of this analyte.
This sample was reanlyzed out of holding with no detection of this analyte.
9] The surrogate and/or spike recovery was outside acceptance limits.
The internal standard response was below criteria due to the purging efficiency of the soil matrix. Results may be biased high.
11] This analyte was reanalyzed out of holding with no detection of this analyte.
12] This sample was analyzed 1 hour past EPA recommended hold time.
This sample was reanalyzed out of holoding with no detection of this analyte.

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Fax: 612-617-6444

QUALITY CONTROL DATA

'ace Analytical Long Beach SC
0 Gilman Street
g Beach, CA 90815

Pace Project Number: 108303
Client Project ID: 980630-02

n: Mr. Richard Villafania
'hone: (562)498-9515

Batch ID: 14113
lysis Method: EPA 8080
QC Batch Method: EPA 3550
Analysis Description: PCB's in Soil, Low Level
Associated Pace Samples:

10714822	10714830	10714947	10714954	10714988	
10715001	10715019	10715092	10715100	10715175	
10715183	10715274	10715282	10715332	10715340	
10715399	10715407				

HOD BLANK: 10719433
ociated Pace Samples:

10714822	10714830	10714947	10714954	10714988	10715001	10715019
10715092	10715100	10715175	10715183	10715274	10715282	10715332
10715340	10715399	10715407				

meter	Units	Method Blank Result	PRL	Footnotes
CB-1016 (Arochlor 1016)	mg/kg	ND	0.03	
CB-1221 (Arochlor 1221)	mg/kg	ND	0.03	
1232 (Arochlor 1232)	mg/kg	ND	0.03	
1242 (Arochlor 1242)	mg/kg	ND	0.03	
CB-1248 (Arochlor 1248)	mg/kg	ND	0.03	
CB-1254 (Arochlor 1254)	mg/kg	ND	0.03	
1260 (Arochlor 1260)	mg/kg	ND	0.03	
achloro-meta-xylene (S)	%	93		
ecachlorobiphenyl (S)	%	126		

RATORY CONTROL SAMPLE & LCSD: 10719441 10719458

meter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
B-1016 (Arochlor 1016)	mg/kg	0.33	0.3525	106	0.3311	99.7	6	
CB-1260 (Arochlor 1260)	mg/kg	0.33	0.4160	125	0.3900	117	7	
achloro-meta-xylene (S)				102		96		
chlorobiphenyl (S)				139		131		

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QUALITY CONTROL DATA

'ace Analytical Long Beach SC
10 Gilman Street
ng Beach, CA 90815

Pace Project Number: 108303
Client Project ID: 980630-02

In: Mr. Richard Villafania
'hone: (562)498-9515

Batch ID: 14142
lysis Method: EPA 8270
ssociated Pace Samples:

QC Batch Method: EPA 3550
Analysis Description: Semivolatile Organics

10714848	10714855	10714863	10714871	10714889
10714921	10714939	10714962	10714970	10715001
10715019	10715043	10715050	10715084	10715118
10715126	10715159	10715167	10715191	10715274

OD BLANK: 10719946
ssociated Pace Samples:

10714848	10714855	10714863	10714871	10714889	10714921	10714939
10714962	10714970	10715001	10715019	10715043	10715050	10715084
10715118	10715126	10715159	10715167	10715191	10715274	

ameter	Units	Method Blank Result	PRL	Footnotes
Phenol	ug/kg	ND	330	
bis(2-Chloroethyl)ether	ug/kg	ND	330	
lorophenol	ug/kg	ND	330	
Dichlorobenzene	ug/kg	ND	330	
,4-Dichlorobenzene	ug/kg	ND	330	
enzyl Alcohol	ug/kg	ND	660	
Dichlorobenzene	ug/kg	ND	330	
ethylphenol	ug/kg	ND	330	
bis(2-Chloroisopropyl)ether	ug/kg	ND	330	
ethylphenol	ug/kg	ND	330	
troso-di-n-propylamine	ug/kg	ND	330	
chloroethane	ug/kg	ND	330	
Nitrobenzene	ug/kg	ND	330	
horone	ug/kg	ND	330	
trophenol	ug/kg	ND	330	
2,4-Dimethylphenol	ug/kg	ND	330	
Benzoic Acid	ug/kg	ND	1600	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	
Dichlorophenol	ug/kg	ND	330	
1,2,4-Trichlorobenzene	ug/kg	ND	330	

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QUALITY CONTROL DATA

Pace Project Number: 108303
Client Project ID: 980630-02

METHOD BLANK: 10719946
Associated Pace Samples:

10714848 10714855 10714863 10714871 10714889 10714921 10714939
10714962 10714970 10715001 10715019 10715043 10715050 10715084
10715118 10715126 10715159 10715167 10715191 10715274

Parameter	Units	Method Blank Result	PRL	Footnotes
Naphthalene	ug/kg	ND	330	
4-Chloroaniline	ug/kg	ND	660	
Hexachlorobutadiene	ug/kg	ND	330	
4-Chloro-3-methylphenol	ug/kg	ND	660	
2-Methylnaphthalene	ug/kg	ND	330	
Hexachlorocyclopentadiene	ug/kg	ND	330	
2,4,6-Trichlorophenol	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2-Chloronaphthalene	ug/kg	ND	330	
2-Nitroaniline	ug/kg	ND	1600	
Dimethylphthalate	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
3-Nitroaniline	ug/kg	ND	1600	
Acenaphthene	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1600	
4-Nitrophenol	ug/kg	ND	1600	
Dibenzofuran	ug/kg	ND	330	
2,4-Dinitrotoluene	ug/kg	ND	330	
Diethylphthalate	ug/kg	ND	330	
4-Chlorophenyl-phenylether	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
4-Nitroaniline	ug/kg	ND	1600	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1600	
N-Nitrosodiphenylamine	ug/kg	ND	330	
4-Bromophenyl-phenylether	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1600	
Phenanthrene	ug/kg	ND	330	
Anthracene	ug/kg	ND	330	
Di-n-butylphthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	
Butylbenzylphthalate	ug/kg	ND	330	
3,3'-Dichlorobenzidine	ug/kg	ND	660	
Benzo(a)anthracene	ug/kg	ND	330	

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QUALITY CONTROL DATA

Pace Project Number: 108303
Client Project ID: 980630-02

OD BLANK: 10719946
ciated Pace Samples:

	10714848	10714855	10714863	10714871	10714889	10714921	10714939
	10714962	10714970	10715001	10715019	10715043	10715060	10715084
	10715118	10715126	10715159	10715167	10715191	10715274	

meter	Units	Method Blank Result	PRL	Footnotes
ysene	ug/kg	ND	330	
is(2-Ethylhexyl)phthalate	ug/kg	120	330	1
-octylphthalate	ug/kg	ND	330	
o(b)fluoranthene	ug/kg	ND	330	
enzo(k)fluoranthene	ug/kg	ND	330	
enzo(a)pyrene	ug/kg	ND	330	
no(1,2,3-cd)pyrene	ug/kg	ND	330	
nz(a,h)anthracene	ug/kg	ND	330	
enzo(g,h,i)perylene	ug/kg	ND	330	
trobenzene-d5 (S)	%	67		
orobiphenyl (S)	%	67		
henyl-d14 (S)	%	90		
henol-d6 (S)	%	78		
Fluorophenol (S)	%	64		
6-Tribromophenol (S)	%	46		

RATORY CONTROL SAMPLE & LCSD: 10719953 10719961

meter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
ol	ug/kg	1667	1267	76.0	1253	75.2	1	
lorophenol	ug/kg	1667	4567	274	4967	298	8	
-Dichlorobenzene	ug/kg	1667	1077	64.6	1113	66.8	3	
-Nitroso-di-n-propylamine	ug/kg	1667	1313	78.8	1333	80.0	2	
4-Trichlorobenzene	ug/kg	1667	1070	64.2	1043	62.6	3	
loro-3-methylphenol	ug/kg	1667	1470	88.2	1500	90.0	2	
enaphthene	ug/kg	1667	1163	69.8	1157	69.4	1	
-Nitrophenol	ug/kg	1667	1463	87.8	1447	86.8	1	1,1
Dinitrotoluene	ug/kg	1667	493.3	29.6	483.3	29.0	2	
achlorophenol	ug/kg	1667	880.0	52.8	846.7	50.8	4	1,1
yrene	ug/kg	1667	1110	66.6	1053	63.2	5	
itrobenzene-d5 (S)				68		66		
orobiphenyl (S)				68		68		
henyl-d14 (S)				73		72		

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QUALITY CONTROL DATA

...Analytical Long Beach SC
...Gilman Street
...Beach, CA 90815

Pace Project Number: 108303
Client Project ID: 980630-02

...: Mr. Richard Villafania
...one: (562)498-9515

...atch ID: 14143
...alysis Method: EPA 8270
...ssociated Pace Samples: 10715209 10715233 10715241 10715282 10715316 10715324 10715357 10715365 10715399 10715407

QC Batch Method: EPA 3550
Analysis Description: Semivolatile Organics

...THOD BLANK: 10719979
...ciated Pace Samples: 10715209 10715233 10715241 10715282 10715316 10715324 10715357 10715365 10715399 10715407

...meter	Units	Method Blank Result	PRL	Footnotes
...pl	ug/kg	ND	330	
...2-Chloroethyl)ether	ug/kg	ND	330	
...lorophenol	ug/kg	ND	330	
...3-Dichlorobenzene	ug/kg	ND	330	
...Dichlorobenzene	ug/kg	ND	330	
...yl Alcohol	ug/kg	ND	660	
...-Dichlorobenzene	ug/kg	ND	330	
...-Methylphenol	ug/kg	ND	330	
...2-Chloroisopropyl)ether	ug/kg	ND	330	
...thylphenol	ug/kg	ND	330	
...-Nitroso-di-n-propylamine	ug/kg	ND	330	
...exachloroethane	ug/kg	ND	330	
...obenzene	ug/kg	ND	330	
...horone	ug/kg	ND	330	
...-Nitrophenol	ug/kg	ND	330	
...4-Dimethylphenol	ug/kg	ND	330	
...zoic Acid	ug/kg	ND	1600	
...2-Chloroethoxy)methane	ug/kg	ND	330	
...4-Dichlorophenol	ug/kg	ND	330	
...2,4-Trichlorobenzene	ug/kg	ND	330	
...thalene	ug/kg	ND	330	
...loroaniline	ug/kg	ND	660	
...exachlorobutadiene	ug/kg	ND	330	

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QUALITY CONTROL DATA

Pace Project Number: 108303
Client Project ID: 980630-02

HOD BLANK: 10719979
ociated Pace Samples: 10715209 10715233 10715241 10715282 10715316 10715324 10715357 10715365 10715399 10715407

Parameter	Units	Method Blank Result	PRL	Footnotes
hloro-3-methylphenol	ug/kg	ND	660	
ethylnaphthalene	ug/kg	ND	330	
Hexachlorocyclopentadiene	ug/kg	ND	330	
,6-Trichlorophenol	ug/kg	ND	330	
,5-Trichlorophenol	ug/kg	ND	330	
hloronaphthalene	ug/kg	ND	330	
-Nitroaniline	ug/kg	ND	1600	
thylphthalate	ug/kg	ND	330	
aphthylene	ug/kg	ND	330	
Dinitrotoluene	ug/kg	ND	330	
-Nitroaniline	ug/kg	ND	1600	
aphthene	ug/kg	ND	330	
Dinitrophenol	ug/kg	ND	1600	
trophenol	ug/kg	ND	1600	
benzofuran	ug/kg	ND	330	
Dinitrotoluene	ug/kg	ND	330	
hylphthalate	ug/kg	ND	330	
-Chlorophenyl-phenylether	ug/kg	ND	330	
luorene	ug/kg	ND	330	
troaniline	ug/kg	ND	1600	
Dinitro-2-methylphenol	ug/kg	ND	1600	
-Nitrosodiphenylamine	ug/kg	ND	330	
-Bromophenyl-phenylether	ug/kg	ND	330	
chlorobenzene	ug/kg	ND	330	
achlorophenol	ug/kg	ND	1600	
henanthrene	ug/kg	ND	330	
nthracene	ug/kg	ND	330	
-butylphthalate	ug/kg	ND	330	
ranthene	ug/kg	ND	330	
yrene	ug/kg	ND	330	
lbenzylphthalate	ug/kg	ND	330	
-Dichlorobenzidine	ug/kg	ND	660	
o(a)anthracene	ug/kg	ND	330	
hrysene	ug/kg	ND	330	
?-Ethylhexyl)phthalate	ug/kg	ND	330	
-octylphthalate	ug/kg	ND	330	
enzo(b)fluoranthene	ug/kg	ND	330	

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QUALITY CONTROL DATA

Pace Project Number: 108303
Client Project ID: 980630-02

HOD BLANK: 10719979
ociated Pace Samples:

10715209 10715233 10715241 10715282 10715316 10715324 10715357
10715365 10715399 10715407

Parameter	Units	Method Blank Result	PRL	Footnotes
zo(k)fluoranthene	ug/kg	ND	330	
zo(a)pyrene	ug/kg	ND	330	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	
henz(a,h)anthracene	ug/kg	ND	330	
zo(g,h,i)perylene	ug/kg	ND	330	
robenzene-d5 (S)	%	72		
2-Fluorobiphenyl (S)	%	77		
ohenyl-d14 (S)	%	78		
nol-d6 (S)	%	67		
luorophenol (S)	%	62		
2,4,6-Tribromophenol (S)	%	59		

ORATORY CONTROL SAMPLE & LCSD: 10719987 10719995

meter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
henol	ug/kg	1667	993.3	59.6	966.7	58.0	3	
-Chlorophenol	ug/kg	1667	923.3	55.4	956.7	57.4	4	
Dichlorobenzene	ug/kg	1667	923.3	55.4	993.3	59.6	7	
troso-di-n-propylamine	ug/kg	1667	956.7	57.4	946.7	56.8	1	
2,4-Trichlorobenzene	ug/kg	1667	1130	67.8	1133	68.0	0	
-Chloro-3-methylphenol	ug/kg	1667	1307	78.4	1307	78.4	0	
aphthene	ug/kg	1667	960.0	57.6	953.3	57.2	1	
trophenol	ug/kg	1667	960.0	57.6	990.0	59.4	3	1,1
4-Dinitrotoluene	ug/kg	1667	956.7	57.4	953.3	57.2	0	
ntachlorophenol	ug/kg	1667	886.7	53.2	886.7	53.2	0	1,1
ne	ug/kg	1667	1320	79.2	1287	77.2	3	
obenzene-d5 (S)				71		70		
-Fluorobiphenyl (S)				70		69		
henyl-d14 (S)				79		76		

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QUALITY CONTROL DATA

ace Analytical Long Beach SC
0 Gilman Street
g Beach, CA 90815

Pace Project Number: 108303
Client Project ID: 980630-02

: Mr. Richard Villafania
hone: (562)498-9515

atch ID: 14587
ysis Method: EPA 8260
ssociated Pace Samples:

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260

10714822 10714830 10714897 10714905 10714913
10714988 10715027 10715068 10715076 10715092
10715183 10715217 10715225 10715258 10715266
10715332

OD BLANK: 10738375
ociated Pace Samples:

10714822 10714830 10714897 10714905 10714913 10714988 10715027
10715068 10715076 10715092 10715183 10715217 10715225 10715258
10715266 10715332

meter	Units	Method Blank Result	PRL	Footnotes
ichlorodifluoromethane	ug/kg	ND	5	
hloromethane	ug/kg	ND	5	
l Chloride	ug/kg	ND	5	
omethane	ug/kg	ND	5	
hloroethane	ug/kg	ND	5	
richlorofluoromethane	ug/kg	ND	5	
ylene Chloride	ug/kg	ND	5	
Dichloroethene	ug/kg	ND	5	
rans-1,2-Dichloroethene	ug/kg	ND	5	
Dichloroethane	ug/kg	ND	5	
Dichloropropane	ug/kg	ND	5	
1,2-Dichloroethene	ug/kg	ND	5	
hloroform	ug/kg	ND	5	
pchloromethane	ug/kg	ND	5	
1-Trichloroethane	ug/kg	ND	5	
on Tetrachloride	ug/kg	ND	5	
.1-Dichloropropene	ug/kg	ND	5	
ene	ug/kg	ND	5	
Dichloroethane	ug/kg	ND	5	
richloroethene	ug/kg	ND	5	

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Pace Analytical

QUALITY CONTROL DATA

Pace Project Number: 108303
Client Project ID: 980630-02

METHOD BLANK: 10738375
Associated Pace Samples:

10714822 10714830 10714897 10714905 10714913 10714988 10715027
10715068 10715076 10715092 10715183 10715217 10715225 10715258
10715266 10715332

Parameter	Units	Method Blank Result	PRL	Footnotes
1,2-Dichloropropane	ug/kg	ND	5	
Bromodichloromethane	ug/kg	ND	5	
Dibromomethane	ug/kg	ND	5	
Toluene	ug/kg	ND	5	
1,1,2-Trichloroethane	ug/kg	ND	5	
Tetrachloroethene	ug/kg	3.2	5	1
1,3-Dichloropropane	ug/kg	ND	5	
Chlorodibromomethane	ug/kg	ND	5	
1,2-Dibromoethane	ug/kg	ND	5	
Chlorobenzene	ug/kg	ND	5	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5	
Ethylbenzene	ug/kg	ND	5	
m&p-Xylene	ug/kg	ND	5	
o-Xylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
Styrene	ug/kg	ND	5	
Bromoform	ug/kg	ND	5	
Isopropylbenzene (Cumene)	ug/kg	ND	5	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5	
Bromobenzene	ug/kg	ND	5	
1,2,3-Trichloropropane	ug/kg	ND	5	
n-Propylbenzene	ug/kg	ND	5	
2-Chlorotoluene	ug/kg	ND	5	
1,3,5-Trimethylbenzene	ug/kg	ND	5	
4-Chlorotoluene	ug/kg	ND	5	
1,2,4-Trimethylbenzene	ug/kg	ND	5	
tert-Butylbenzene	ug/kg	ND	5	
sec-Butylbenzene	ug/kg	ND	5	
4-Isopropyltoluene	ug/kg	ND	5	
1,3-Dichlorobenzene	ug/kg	ND	5	
1,4-Dichlorobenzene	ug/kg	ND	5	
n-Butylbenzene	ug/kg	ND	5	
1,2-Dichlorobenzene	ug/kg	ND	5	
1,2-Dibromo-3-Chloropropane	ug/kg	ND	5	
1,2,4-Trichlorobenzene	ug/kg	ND	5	
Hexachlorobutadiene	ug/kg	ND	5	
Naphthalene	ug/kg	ND	5	

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QUALITY CONTROL DATA

Pace Project Number: 108303
Client Project ID: 980630-02

OD BLANK: 10738375
ciated Pace Samples:

10714822 10714830 10714897 10714905 10714913 10714988 10715027
10715068 10715076 10715092 10715183 10715217 10715225 10715258
10715266 10715332

meter	Units	Method Blank Result	PRL	Footnotes
.2,3-Trichlorobenzene	ug/kg	ND	5	
rans-1,3-Dichloropropene	ug/kg	ND	5	
1,3-Dichloropropene	ug/kg	ND	5	
loroethyl Vinyl Ether	ug/kg	ND	5	
cetone	ug/kg	7.3	20	1,2
-Butanone	ug/kg	ND	10	
thyl-2-Pentanone	ug/kg	ND	10	
on Disulfide	ug/kg	ND	10	
-Hexanone	ug/kg	ND	100	
inyl Acetate	ug/kg	ND	100	
yl-tert-butyl Ether	ug/kg	ND	5	
nol	ug/kg	ND	500	
sopropyl Ether	ug/kg	ND	5	
thyl-tert-butyl ether	ug/kg	ND	5	
-Amylmethyl ether	ug/kg	ND	5	
thyl-2-propanol	ug/kg	ND	100	
ibromofluoromethane (S)	%	102		
ene-d8 (S)	%	124		
omofluorobenzene (S)	%	106		
Dichloroethane-d4 (S)	%	118		

RATORY CONTROL SAMPLE: 10738383

rameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
lorodifluoromethane	ug/kg	50	41.00	82.0	
loromethane	ug/kg	50	51.00	102	
inyl Chloride	ug/kg	50	50.00	100	
omethane	ug/kg	50	32.00	64.0	
roethane	ug/kg	50	52.00	104	
richlorofluoromethane	ug/kg	50	42.00	84.0	
ethylene Chloride	ug/kg	50	44.00	88.0	
Dichloroethene	ug/kg	50	41.00	82.0	
s-1,2-Dichloroethene	ug/kg	50	42.00	84.0	
,1-Dichloroethane	ug/kg	50	44.00	88.0	

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QUALITY CONTROL DATA

Pace Project Number: 108303
Client Project ID: 980630-02

ORATORY CONTROL SAMPLE: 10738383

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
-Dichloropropane	ug/kg	50	44.00	88.0	
1,2-Dichloroethene	ug/kg	50	43.00	86.0	
hloroform	ug/kg	50	43.00	86.0	
mochloromethane	ug/kg	50	39.00	78.0	
.1-Trichloroethane	ug/kg	50	42.00	84.0	
bon Tetrachloride	ug/kg	50	41.00	82.0	
,1-Dichloropropene	ug/kg	50	44.00	88.0	
zene	ug/kg	50	46.00	92.0	
Dichloroethane	ug/kg	50	44.00	88.0	
chloroethene	ug/kg	50	43.00	86.0	
,2-Dichloropropane	ug/kg	50	46.00	92.0	
odichloromethane	ug/kg	50	45.00	90.0	
omomethane	ug/kg	50	43.00	86.0	
uene	ug/kg	50	47.00	94.0	
,1,2-Trichloroethane	ug/kg	50	45.00	90.0	
achloroethene	ug/kg	50	50.00	100	
Dichloropropane	ug/kg	50	48.00	96.0	
ibromochloromethane	ug/kg	50	45.00	90.0	
,2-Dibromoethane	ug/kg	50	42.00	84.0	
robenzene	ug/kg	50	44.00	88.0	
1,2-Tetrachloroethane	ug/kg	50	44.00	88.0	
thylbenzene	ug/kg	50	47.00	94.0	
&P-Xylene	ug/kg	100	95.00	95.0	
lene (1,2-Dimethylbenzene)	ug/kg	50	46.00	92.0	
ene	ug/kg	50	46.00	92.0	
romoform	ug/kg	50	42.00	84.0	
sopropylbenzene (Cumene)	ug/kg	50	45.00	90.0	
2,2-Tetrachloroethane	ug/kg	50	46.00	92.0	
obenzene	ug/kg	50	46.00	92.0	
,2,3-Trichloropropane	ug/kg	50	46.00	92.0	
-ppylbenzene	ug/kg	50	32.00	64.0	
lorotoluene	ug/kg	50	48.00	96.0	
,5-Trimethylbenzene	ug/kg	50	47.00	94.0	
-Chlorotoluene	ug/kg	50	48.00	96.0	
4-Trimethylbenzene	ug/kg	50	47.00	94.0	
Butylbenzene	ug/kg	50	47.00	94.0	
ert-Butylbenzene	ug/kg	50	46.00	92.0	
-Isopropyltoluene	ug/kg	50	46.00	92.0	
Dichlorobenzene	ug/kg	50	46.00	92.0	
Dichlorobenzene	ug/kg	50	45.00	90.0	
-Butylbenzene	ug/kg	50	48.00	96.0	

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QUALITY CONTROL DATA

Pace Project Number: 108303
Client Project ID: 980630-02

RATORY CONTROL SAMPLE: 10/38383

arameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorobenzene	ug/kg	50	44.00	88.0	
Dibromo-3-Chloropropane	ug/kg	50	40.00	80.0	
2,4-Trichlorobenzene	ug/kg	50	43.00	86.0	
chlorobutadiene	ug/kg	50	40.00	80.0	
thalene	ug/kg	50	37.00	74.0	
2,3-Trichlorobenzene	ug/kg	50	42.00	84.0	
rans-1,3-Dichloropropene	ug/kg	50	46.00	92.0	
1,3-Dichloropropene	ug/kg	50	46.00	92.0	
omofluoromethane (S)				102	
luene-d8 (S)				118	
Bromofluorobenzene (S)				108	
Dichloroethane-d4 (S)				110	

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QUALITY CONTROL DATA

ace Analytical Long Beach SC
0 Gilman Street
g Beach, CA 90815

Pace Project Number: 108303
Client Project ID: 980630-02

h: Mr. Richard Villafania
hone: (562)498-9515

Batch ID: 14613
...lysis Method: EPA 8260
ssociated Pace Samples:

QC Batch Method: EPA 8260
Analysis Description: GC/MS VOCs by 8260

10714947 10714954 10714996 10715035 10715100
10715134 10715142 10715175 10715290 10715373
10715415 10735462

IOD BLANK: 10739324
ciated Pace Samples:

10714947 10714954 10714996 10715035 10715100 10715134 10715142
10715175 10715290 10715373 10715415 10735462

arameter	Units	Method Blank Result	PRL	Footnotes
loradifluoromethane	ug/kg	ND	5	
romethane	ug/kg	ND	5	
inyl Chloride	ug/kg	ND	5	
romomethane	ug/kg	ND	5	
roethane	ug/kg	ND	5	
nlorofluoromethane	ug/kg	ND	5	
ethylene Chloride	ug/kg	ND	5	
Dichloroethene	ug/kg	ND	5	
s-1,2-Dichloroethene	ug/kg	ND	5	
Dichloroethane	ug/kg	ND	5	
2-Dichloropropane	ug/kg	ND	5	
1,2-Dichloroethene	ug/kg	ND	5	
roform	ug/kg	ND	5	
ochloromethane	ug/kg	ND	5	
1,1-Trichloroethane	ug/kg	ND	5	
on Tetrachloride	ug/kg	ND	5	
Dichloropropene	ug/kg	ND	5	
enzene	ug/kg	ND	5	
2-Dichloroethane	ug/kg	ND	5	
nloroethene	ug/kg	ND	5	
Dichloropropane	ug/kg	ND	5	
romodichloromethane	ug/kg	ND	5	

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QUALITY CONTROL DATA

Pace Project Number: 108303
Client Project ID: 980630-02

METHOD BLANK: 10739324
Associated Pace Samples:

10714947 10714954 10714996 10715035 10715100 10715134 10715142
10715175 10715290 10715373 10715415 10735462

Parameter	Units	Method Blank Result	PRL	Footnotes
romomethane	ug/kg	ND	5	
uene	ug/kg	ND	5	
1,2-Trichloroethane	ug/kg	ND	5	
rachloroethene	ug/kg	ND	5	
-Dichloropropane	ug/kg	ND	5	
romochloromethane	ug/kg	ND	5	
2-Dibromoethane	ug/kg	ND	5	
robenzene	ug/kg	ND	5	
1,2-Tetrachloroethane	ug/kg	ND	5	
nylbenzene	ug/kg	ND	5	
&P-Xylene	ug/kg	ND	5	
ylene (1,2-Dimethylbenzene)	ug/kg	ND	5	
ene	ug/kg	ND	5	
romoform	ug/kg	ND	5	
sopropylbenzene (Cumene)	ug/kg	ND	5	
2,2-Tetrachloroethane	ug/kg	ND	5	
obenzene	ug/kg	ND	5	
2,3-Trichloropropane	ug/kg	ND	5	
-Propylbenzene	ug/kg	ND	5	
hlorotoluene	ug/kg	ND	5	
5-Trimethylbenzene	ug/kg	ND	5	
-Chlorotoluene	ug/kg	ND	5	
4-Trimethylbenzene	ug/kg	ND	5	
Butylbenzene	ug/kg	ND	5	
-Butylbenzene	ug/kg	ND	5	
-Isopropyltoluene	ug/kg	ND	5	
Dichlorobenzene	ug/kg	ND	5	
Dichlorobenzene	ug/kg	ND	5	
-Butylbenzene	ug/kg	ND	5	
2-Dichlorobenzene	ug/kg	ND	5	
Dibromo-3-Chloropropane	ug/kg	ND	5	
4-Trichlorobenzene	ug/kg	ND	5	
exachlorobutadiene	ug/kg	ND	5	
aphthalene	ug/kg	15	5	
3-Trichlorobenzene	ug/kg	ND	5	
s-1,3-Dichloropropene	ug/kg	ND	5	
is-1,3-Dichloropropene	ug/kg	ND	5	

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QUALITY CONTROL DATA

Pace Project Number: 108303
Client Project ID: 980630-02

HOD BLANK: 10739324
ociated Pace Samples:

10714947 10714954 10714996 10715035 10715100 10715134 10715142
10715175 10715290 10715373 10715415 10735462

arameter	Units	Method Blank Result	PRL	Footnotes
loroethyl Vinyl Ether	ug/kg	ND	5	
tone	ug/kg	7.2	20	1,2
-Butanone	ug/kg	ND	10	
thyl-2-Pentanone	ug/kg	ND	10	
on Disulfide	ug/kg	ND	10	
exanone	ug/kg	ND	100	
inyl Acetate	ug/kg	ND	100	
yl-tert-butyl Ether	ug/kg	ND	5	
nol	ug/kg	ND	500	
sopropyl Ether	ug/kg	ND	5	
thyl-tert-butyl ether	ug/kg	ND	5	
-Amylmethyl ether	ug/kg	ND	5	
thyl-2-propanol	ug/kg	220	100	
bromofluoromethane (S)	%	110		
oluene-d8 (S)	%	98		
mofluorobenzene (S)	%	88		
Dichloroethane-d4 (S)	%	114		

RATORY CONTROL SAMPLE: 10739332

arameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
torodifluoromethane	ug/kg	50	48.00	96.0	
romethane	ug/kg	50	55.00	110	
inyl Chloride	ug/kg	50	42.00	84.0	
omethane	ug/kg	50	27.00	54.0	3
oethane	ug/kg	50	130.0	260	3
chlorofluoromethane	ug/kg	50	50.00	100	
thylene Chloride	ug/kg	50	48.00	96.0	
Dichloroethene	ug/kg	50	50.00	100	
s-1,2-Dichloroethene	ug/kg	50	45.00	90.0	
1-Dichloroethane	ug/kg	50	50.00	100	
2-Dichloropropane	ug/kg	50	53.00	106	
1,2-Dichloroethene	ug/kg	50	50.00	100	
roform	ug/kg	50	50.00	100	
romochloromethane	ug/kg	50	50.00	100	

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QUALITY CONTROL DATA

Pace Project Number: 108303
Client Project ID: 980630-02

ATORY CONTROL SAMPLE: 10739332

arameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
-Trichloroethane	ug/kg	50	52.00	104	
arbon Tetrachloride	ug/kg	50	55.00	110	
1-Dichloropropene	ug/kg	50	54.00	108	
ene	ug/kg	50	53.00	106	
Dichloroethane	ug/kg	50	51.00	102	
richloroethene	ug/kg	50	53.00	106	
2-Dichloropropane	ug/kg	50	52.00	104	
Dichloromethane	ug/kg	50	53.00	106	
omomethane	ug/kg	50	52.00	104	
oluene	ug/kg	50	52.00	104	
2-Trichloroethane	ug/kg	50	51.00	102	
chloroethene	ug/kg	50	63.00	126	
hloropropane	ug/kg	50	53.00	106	
bromochloromethane	ug/kg	50	54.00	108	
Dibromoethane	ug/kg	50	52.00	104	
obenzene	ug/kg	50	52.00	104	
,1,2-Tetrachloroethane	ug/kg	50	54.00	108	
hylbenzene	ug/kg	50	52.00	104	
Xylene	ug/kg	100	100.0	100	
ene (1,2-Dimethylbenzene)	ug/kg	50	52.00	104	
ene	ug/kg	50	52.00	104	
romoform	ug/kg	50	50.00	100	
opylbenzene (Cumene)	ug/kg	50	48.00	96.0	
,2-Tetrachloroethane	ug/kg	50	65.00	130	
romobenzene	ug/kg	50	58.00	116	
2,3-Trichloropropane	ug/kg	50	67.00	134	4
pylbenzene	ug/kg	50	53.00	106	
orotoluene	ug/kg	50	49.00	98.0	
3,5-Trimethylbenzene	ug/kg	50	48.00	96.0	
Chlorotoluene	ug/kg	50	53.00	106	
-Trimethylbenzene	ug/kg	50	46.00	92.0	
utylbenzene	ug/kg	50	52.00	104	
ert-Butylbenzene	ug/kg	50	53.00	106	
Isopropyltoluene	ug/kg	50	51.00	102	
nchlorobenzene	ug/kg	50	51.00	102	
ichlorobenzene	ug/kg	50	53.00	106	
-Butylbenzene	ug/kg	50	48.00	96.0	
Dichlorobenzene	ug/kg	50	52.00	104	
ibromo-3-Chloropropane	ug/kg	50	72.00	144	
,-Trichlorobenzene	ug/kg	50	49.00	98.0	
exachlorobutadiene	ug/kg	50	49.00	98.0	

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QUALITY CONTROL DATA

Pace Project Number: 108303
Client Project ID: 980630-02

ATORY CONTROL SAMPLE: 10739332

rameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
thalene	ug/kg	50	54.00	108	
2,3-Trichlorobenzene	ug/kg	50	51.00	102	
ans-1,3-Dichloropropene	ug/kg	50	52.00	104	
1,3-Dichloropropene	ug/kg	50	52.00	104	
omofluoromethane (S)				102	
luene-d8 (S)				102	
-Bromofluorobenzene (S)				98	
Dichloroethane-d4 (S)				100	

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Pace Project Number: 108303
Client Project ID: 980630-02

LITY CONTROL DATA PARAMETER FOOTNOTES

onsistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

n Not Detected
Not Calculable
Pace Reporting Limit
PD Relative Percent Difference
Surrogate
Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
Common laboratory contaminant.
3] The initial calibration for this compound was outside the method control limits. The result for this compound should be considered an estimate.
The continuing calibration for this compound was outside the method control limits. The result for this compound should be considered an estimate.

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423793

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1520 W. Winton, Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86-001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: TRANS BAY TERMINAL		*Requested Due Date: 7/15/98

Sampler Signature: _____ Date Sampled: 6-27-98

5 Business Days 7/8/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals (6)	TPH-S (6)	BTEX (3)	VOCs (30)	SVOCs (30)	PCBs (18)	REMARKS
1	TTB66-2-1	700	S								X	X	X	X			
2	TTB66-2-3	705									↓	↓	↓	↓			
3	TTB66-2-5	710									↓	↓	↓	↓			RUSH
4	TTB66-2-10	715															Archive
5	TTB66-3-1	725									X	X	X	X			
6	TTB66-3-3	730									↓	↓	↓	↓			
7	TTB66-3-5	735									↓	↓	↓	↓			
8	TTB66-3-10	740	↓								↓	↓	↓	↓			RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/29/98	1000	Hunglam / Pace	6/30/98	1000

SAMPLE CONDITION

Temp: 4.0 °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8-97

Lab Analytical

980630-02C

423792

Page 2/9

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: P.S.T.	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1220 W. Winton Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Transbay Term.		*Requested Due Date:
Sampler Signature:	Date Sampled: 6-27-98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-G	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	TB 66-3-15	745	S							No →	~~No~~ No						Archive
2	TNF 38-1-1	750									X	X	X		X		
3	TNF 38-1-3	755									X	X	X		X		
4	TNF 38-1-5	800									X	X	X		X		RUSH
5	TNF 37-1-1	810									X	X	X				
6	TNF 37-1-3	815									X	X	X				
7	TNF 37-1-5	820									X	X	X				RUSH
8	TNF 36-1-1	825	↓								X	X	X		X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← ← PST	6/29/98	1600			

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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ORIGINAL

Pace Analytical

9806 30-02

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423799

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O.# / Billing Reference: 575-8600		Pace Project No.
Sampled By (PRINT): Scott Bowes	Project Name / No.: Transbay Terminal		*Requested Due Date:
Sampler Signature:	Date Sampled: 6-27-98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	TNF36-1-3	830	S								X	X	X	X			
2	TNF36-1-5	835	↓								X	X		X			RUSH
3	TNF36-1-10	840															Archive
4	DTB39-1-1	850									X	X	X	X			
5	DTB39-1-3	853											X	X			
6	DTB39-2-1	856											X	X			
7	DTB39-2-3	859											X	X			
8	DTB40-1-1	902	↓								↓	↓	X	X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	/ PSI	6/29/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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ORIGINAL

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave, Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Treasure Island Terminal		*Requested Due Date:
Sampler Signature:	Date Sampled: 6-27-98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH		ANALYSES REQUEST: CAM Metals	TPH-G	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	DTB 40-1-3	905	S									X	X		X			
2	DTB 41-1-1	908											X		X	X		
3	DTB 41-1-3	911											X		X	X		
4	DTB 41-2-1	914												X				
5	DTB 41-2-3	917												X				
6	DTB 42-1-1	920											X		X			
7	DTB 42-1-3	923											X		X			
8	DTB 42-2-1	926	V											X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	/ PSI	6/29/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Additional Comments

SEE REVERSE SIDE FOR INSTRUCTIONS

B97

ORIGINAL

Pace Analytical

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42375T

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: DSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8G001		Pace Project No.
	Project Name / No.: Transbay Terminal		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature]

Date Sampled: 6-27-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: LCP metals	TPH-S	BTEX	VOCs	SVOCs	PCB's	REMARKS
1	DTB 42-2-3	929	S								X	X	X				
2	DTB 43-1-1	932										X		X			
3	DTB 43-1-3	935										X		X			
4	DTB 43-2-1	938											X		X		
5	DTB 43-2-3	941											X		X		
6	DTB 44-1-1	944										X		X			
7	DTB 44-1-3	947										X		X			
8	DTB 44-2-1	950	↓										X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSI	6/29/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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ORIGINAL

Pace Analytical

480650-0a 42375

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86001		Pace Project No.
	Project Name / No.: Transbay Terminal		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature] Date Sampled: 6-27-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH		ANALYSES REQUEST: 8 RCRA Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	DTB 44-2-3	953	S									X	X		X			
2	DTB 45-1-1	956						(N)						X		X		
3	DTB 45-1-3	959												X		X		
4	DTB 45-2-1	1002													X		X	
5	DTB 45-2-3	1005												X		X		
6	DTB 56-1-1	1008												X		X		
7	DTB 56-1-3	1011												X		X		
8	DTB 55-1-1	1014	↓											X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] PSI	6/29/98	1600			

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8-97

ORIGINAL

Lab Alameda

1800-0-02

4237-55

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8G001		Pace Project No.
	Project Name / No.: Transbay Terminal		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: SB

Date Sampled: 6-27-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH		ANALYSES REQUEST: CAM Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	DTB55-1-3	1017	S									X	X		X			
2	DTB55-2-1	1020											X		X			
3	DTB 55-2-3	1023											X		X			
4	DTB54-2-1	1026												X				
5	DTB54-2-3	1029												X				
6	DTB53-2-1	1032											X		X	X		
7	DTB 53-2-3	1035											X		X	X		
8	DTB 53-1-1	1038	√											X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/29/98	1600			

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

B-97

ORIGINAL

Pace Analytical

980630-02

8069

423794

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86001		Pace Project No.
	Project Name / No.: Tanklage Terminal		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature] Date Sampled: 6-27-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH		ANALYSES REQUEST: CCR Metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	DTB 53-1-3	1041	S									X	X		X			
2	DTB 59-1-1	1044						ICE					X		X			
3	DTB 59-1-3	1047											X		X			
4	DTB 49-2-1	1050												X		X		
5	DTB 49-2-3	1053												X		X		
6	DTB 48-2-1	1056											X		X			
7	DTB 48-2-3	1059											X		X			
8	DTB 46-2-1	1102	↓											X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSI	6/29/98	1600			

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS TBT
Site Location:

PACE ANALYTICAL Project #: 980616-05
PACE ANALYTICAL WO #: 13429B
Client ID #: BG001 TBT

Date: 8/3/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/15/98 and received on 06/15/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Mercury, Chromium & Lead (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafana, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Client ID:	TTB2-2-3.0	TTB2-2-5.0	TTB4-2-S	TTB4-2-3.0	TTB4-1-5	TTB7-2-S	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98		
Analysis Date:	07/27/98	07/27/98	07/27/98	07/27/98	07/27/98	07/27/98		
Analyte								
Chromium (Cr)	---	---	0.1	1.3	0.3	---	0.1	6010
Mercury (Hg)*	11	---	---	---	---	---	2.0	7470
Lead (Pb)	56	67	---	---	---	2.3	0.2	6010
DF	10	10	10	10	10	10		

*Mercury analyzed on 07/29/98

Client ID:	TTB7-2-3.0	TTB8-2-S	TTB8-2-5.0	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/24/98	07/24/98	07/24/98	07/24/98		
Analysis Date:	07/27/98	07/27/98	07/27/98	07/27/98		
Analyte						
Chromium (Cr)	0.3	0.6	---	<0.1	0.1	6010
Lead (Pb)	---	---	0.9	<0.2	0.2	6010
DF	10	10	10	1		

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		07/27/98		07/27/98	07/27/98			
Chromium (Cr)	6010	99	70-130	101	98	70-130	3.0	0-25
Lead (Pb)	6010	101	70-130	94	92	74-106	2.2	0-9

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		07/29/98		07/29/98	07/29/98			
Mercury (Hg)	7470	98	70-130	123	95	80-122	26*	0-10

*Matrix Spike and Matrix Spike Duplicate were outside the acceptance limits due to the heterogeneity of the sample. Sample was reported based on the LCS/LCSD % recoveries and % RPD.

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derivnd from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

13429A
980616-05

423426

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSE	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 320 W. WINTON AVE	Bill To: SAME		Pace Project Manager
HAYWARD CA 94545	P.O. # / Billing Reference: 8G001 TBT		Pace Project No.
Phone: 510-785-1111	Project Name / No.: CALTRANS TBT		*Requested Due Date: 6/29/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature / Date Sampled

A.A. 6/25/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020 6ET	8260	8270	8080 PCB	STLC Cr	STLC Pb	STLC Hg (1)	REMARKS
1	TTB2-2-5		SOIL		1						X	X		X		X				
2	TTB2-2-3.0		↓		1						X	X		X		X		⊗	⊗	
3	TTB2-2-5.0		↓		1						X	X		X		X		⊗		
4	TTB2-2-W		H_2O		12						X	X	X	X	X	X				
5	TTB3-2-5	1020	SOIL		1						X	X		X		X				
6	TTB3-2-3.0	1024	↓		1						X	X		X		X				
7	TTB3-2-5.0	1025	↓		1						X	X		X		X				
8	TTB4-2-5	1031	↓		1	⊗					X	X		X		X	⊗			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/16/98	1530	FED EX	6/15/98	
				Hunglam / Pace	6/16/98	900

SAMPLE CONDITION

Temp: ____ ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Client: PSI

Address: 1320 W. WINTON AVE
HAYWARD CA 94545

Phone: 510 785-1111

Report To: FRANK POSS

Bill To: SAME

P.O. # / Billing Reference: 66001 TBT

Project Name / No.: CALTRANS TBT

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.

Pace Project Manager

Pace Project No.

*Requested Due Date: 6/29/98

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT

Date Sampled: 6/15/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM17	8020 BTEX	8260	8270	8080 PCB	STLC Cd	REMARKS
1	TTB4-2-3.0	1040	SOIL		1						X	X		X		X	X	
2	TTB4-2-5.0	1046	↓		1						X	X		X		X		
3	TTB4-2-10.0	1047			1													ARCHIVE
4	TTB4-1-5	1058			1						X	X	X		X		X	
5	TTB4-1-3.0	1100			1						X	X	X		X			
6	TTB4-1-5.0	1101			1						X	X	X		X			
7	TTB4-1-10.0	1105			1													ARCHIVE
8	TTB3-1-5	1118	↓		1						X	X	X		X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	CHRIS MERRITT	6/15/98	1530	FEDEX	6/16/98	

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

A97

Pace Analytical

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1-29-
980616-05

423438

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE. HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510-785-1111	P.O. # / Billing Reference: 8600I TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		Requested Due Date: 6/29/98

Sampler Signature: CHRIS MERRITT Date Sampled: 6/15/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH		ANALYSES REQUEST: TPH-5	8020 BTEX	8260	8270	8080 PCB	STLC Pb			REMARKS
1	TTB3-1-3.0	1120	SOIL		1							X	X	X		X				
2	TTB3-1-5.0	1121	↓		1							X	X	X		X				
3	TTB3-1-10.0	1126	↓		1															ARCHIVE
4	TTB2-1-5	1144			1							X	X	X		X				
5	TTB2-1-3.0	1147			1							X	X	X		X				
6	TTB2-1-5.0	1148			1							X	X	X		X				
7	TTB2-1-9.0	1152	*		1															ARCHIVE
8	TTB7-2-5	1304			1							X	X	X		X	⊗			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/15/98	1530	FED EX	6/15/98	
				Hangham / Pace	6/16/98	900

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

1310-2A
980616-05

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423439

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 TBT
	Project Name / No.: CALTRANS TBT

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6/29/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 6/15/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020 BTEX	8260	8270	8080 PCB	SVOC'S		REMARKS
1	TTB7-2-3.0	1308	SOIL		1						X	X		X		X	⊗		
2	TTB7-2-5.0	1306			1						X	X		X		X			
3	TTB7-2-10.0	1310			1														ARCHIVE
4	TTB8-3-5	1325			1						X	X		X		X			
5	TTB8-3-3.0	1328			1						X	X		X		X			
6	TTB8-3-5.0	1327			1						X	X		X		X			
7	TTB8-3-10.0	1331			1														ARCHIVE
8	TTB8-2-5	1352									X	X	X				⊗		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/15/98	1530	FED EX	6/16/98	
				Hunglam / PACE	6/16/98	0900

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8-97

Analytical

13429A
980616-05

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423433

CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI	Report To: FRANK POSS
ress 1320 W. WINTON AVE	Bill To: SAME
HAYWARD CA. 94545	P.O. # / Billing Reference 86001 TBT
ne 510 785-1111	Project Name / No. CALTRANS TBT

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6/29/98

pled By (PRINT): CHRIS MERRITT
pler Signature
Date Sampled: CHRIS MERRITT 6/15/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020 BTEX	8260	8270	8080 PCB	STLC Pb		REMARKS
TTB8-2-3.0	1355	SOIL		7				X		X	X	X						
TTB8-2-5.0	1355			1						X	X	X				⊗		
TTB8-2-10.0	1400			1														ARCHIVE

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

onal Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/15/98	1530	FEDEX	6/16/98	
				Hunglam / Pace	6/16/98	900

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: TRANSBAY TERMINAL
Site Location:

PACE ANALYTICAL Project #: 980617-03
PACE ANALYTICAL WO #: 13436B
Client ID #: 575-8G001

Date: 7/31/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/18/98 and received on 06/18/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Metals (Soil)	2-3
STLC Lead (Soil)	4-5
List of Abbreviations and Definitions	6

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Client ID:	TTB9-3-1	TTB9-3-3	TTB9-3-5	TTB9-4-3	TTB11-1-0	TTB9-1-1	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98		
Analysis Date:	07/27/98	07/27/98	07/27/98	07/27/98	07/27/98	07/27/98	07/27/98		
Analyte									
Arsenic (As)	<10	<10	<10	---	---	---	<0.1	0.1	6010
Barium (Ba)	<20	39	<20	---	---	---	<0.2	0.2	6010
Cadmium (Cd)	11	12	7.2	---	---	---	<0.1	0.1	6010
Chromium (Cr)	2.6	2.6	2.0	---	---	0.1	<0.01	0.01	6010
Copper (Cu)	16	15	8.9	---	---	---	<0.05	0.05	6010
Mercury (Hg)*	---	4.7	---	<0.002	0.06	---	<0.002	0.002	7471
Zinc (Zn)	4,400	4,000	2,500	---	---	---	<0.2	0.2	6010
DF	100	100	100	1	1	10			

*Mercury analyzed on 07/29/98

Client ID:	TTB9-4-5	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	
Preparation Date:	07/24/98	07/24/98		
Analysis Date:	07/27/98	07/27/98		
Analyte				
Chromium (Cr)	6.2	<0.10	0.10	6010
Copper (Cu)	63	<0.50	0.50	6010
DF	1			

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		07/27/98		07/27/98	07/27/98			
Analyte	**EPA Method**							
Arsenic (As)	6010	102	70-130	104	104	79-118	0.0	0-9
Barium (Ba)	6010	97	70-130	96	91	76-114	5.3	0-9
Cadmium (Cd)	6010	99	70-130	105	103	78-108	1.9	0-9
Chromium (Cr)	6010	99	70-130	101	98	75-108	3.0	0-9
Copper (Cu)	6010	100	70-130	94	90	70-130	4.3	0-25
Mercury (Hg)*	7470	98	70-130	123**	95	80-122	1.0	0-10
Zinc (Zn)	6010	101	70-130	84	81	70-130	3.6	0-25

*Mercury analyzed on 07/29/98.
**Sample matrix effect.

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980517-03
PACE ANALYTICAL WO#: 134068
Client ID#: 575-8G001

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Sample ID	Preparation Date	Analysis Date	STLC Lead mg/L	PRL mg/L	DF
Units					
Method Blank	07/24/98	07/27/98	<0.20	0.20	1
TTB9-3-1	07/24/98	07/27/98	2,100	20	10
TTB9-3-3	07/24/98	07/27/98	2,600	20	10
TTB9-3-5	07/24/98	07/27/98	1,800	20	10
TTB9-3-10	07/24/98	07/27/98	0.4	0.20	1
TTB9-2-1	07/24/98	07/27/98	4.2	2.0	10
TTB9-4-1	07/24/98	07/27/98	42	2.0	10
TTB9-4-3	07/24/98	07/27/98	48	2.0	10
TTB9-4-5	07/24/98	07/27/98	95	0.20	1
TTB9-4-10	07/24/98	07/27/98	3.5	0.20	1
TTB10-1-1	07/24/98	07/27/98	8.1	0.20	1
TTB10-1-3	07/24/98	07/27/98	0.6	0.20	1
TTB10-2-1	07/24/98	07/27/98	9.4	0.20	1
TTB10-2-3	07/24/98	07/27/98	6.1	0.20	1
TTB11-1-10	07/24/98	07/27/98	36	0.20	1
TTB12-1-3	07/24/98	07/27/98	8.2	0.20	1
TTB12-1-5	07/24/98	07/27/98	9.8	0.20	1
TTB12-2-3	07/24/98	07/27/98	14	0.20	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS TBT
Site Location:

PACE ANALYTICAL Project #: 980616-05
PACE ANALYTICAL WO #: 13429B
Client ID #: BG001 TBT

Date: 8/3/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/15/98 and received on 06/15/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt.
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Mercury, Chromium & Lead (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafana, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Client ID:	TTB2-2-3.0	TTB2-2-5.0	TTB4-2-S	TTB4-2-3.0	TTB4-1-5	TTB7-2-S	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98		
Analysis Date:	07/27/98	07/27/98	07/27/98	07/27/98	07/27/98	07/27/98		
Analyte								
Chromium (Cr)	---	---	0.1	1.3	0.3	---	0.1	6010
Mercury (Hg)*	11	---	---	---	---	---	2.0	7470
Lead (Pb)	56	67	---	---	---	2.3	0.2	6010
DF	10	10	10	10	10	10		

*Mercury analyzed on 07/29/98

Client ID:	TTB7-2-3.0	TTB8-2-S	TTB8-2-5.0	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/24/98	07/24/98	07/24/98	07/24/98		
Analysis Date:	07/27/98	07/27/98	07/27/98	07/27/98		
Analyte						
Chromium (Cr)	0.3	0.6	---	<0.1	0.1	6010
Lead (Pb)	---	---	0.9	<0.2	0.2	6010
DF	10	10	10	1		

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		07/27/98		07/27/98	07/27/98			
Chromium (Cr)	6010	99	70-130	101	98	70-130	3.0	0-25
Lead (Pb)	6010	101	70-130	94	92	74-106	2.2	0-9

Analyte	EPA Method	LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		07/29/98		07/29/98	07/29/98			
Mercury (Hg)	7470	98	70-130	123	95	80-122	26*	0-10

*Matrix Spike and Matrix Spike Duplicate were outside the acceptance limits due to the heterogeneity of the sample. Sample was reported based on the LCS/LCSD % recoveries and % RPD.

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derivnd from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: TRANSBAY TERMINAL
Site Location:

PACE ANALYTICAL Project #: 980617-03
PACE ANALYTICAL WO #: 13436B
Client ID #: 575-8G001

Date: 7/31/98

PACE ANALYTICAL, INC. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/18/98 and received on 06/18/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Metals (Soil)	2-3
STLC Lead (Soil)	4-5
List of Abbreviations and Definitions	6

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Client ID:	TTB9-3-1	TTB9-3-3	TTB9-3-5	TTB9-4-3	TTB11-1-0	TTB9-1-1	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98	07/24/98		
Analysis Date:	07/27/98	07/27/98	07/27/98	07/27/98	07/27/98	07/27/98	07/27/98		
Analyte									
Arsenic (As)	<10	<10	<10	---	---	---	<0.1	0.1	6010
Barium (Ba)	<20	39	<20	---	---	---	<0.2	0.2	6010
Cadmium (Cd)	11	12	7.2	---	---	---	<0.1	0.1	6010
Chromium (Cr)	2.6	2.6	2.0	---	---	0.1	<0.01	0.01	6010
Copper (Cu)	16	15	8.9	---	---	---	<0.05	0.05	6010
Mercury (Hg)*	---	4.7	---	<0.002	0.06	---	<0.002	0.002	7471
Zinc (Zn)	4,400	4,000	2,500	---	---	---	<0.2	0.2	6010
DF	100	100	100	1	1	10			

*Mercury analyzed on 07/29/98

Client ID:	TTB9-4-5	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	
Preparation Date:	07/24/98	07/24/98		
Analysis Date:	07/27/98	07/27/98		
Analyte				
Chromium (Cr)	6.2	<0.10	0.10	6010
Copper (Cu)	63	<0.50	0.50	6010
DF	1			

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

		LCS % Rec.	Acceptable Range	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		07/27/98		07/27/98	07/27/98			
Analyte	**EPA Method**							
Arsenic (As)	6010	102	70-130	104	104	79-118	0.0	0-9
Barium (Ba)	6010	97	70-130	96	91	76-114	5.3	0-9
Cadmium (Cd)	6010	99	70-130	105	103	78-108	1.9	0-9
Chromium (Cr)	6010	99	70-130	101	98	75-108	3.0	0-9
Copper (Cu)	6010	100	70-130	94	90	70-130	4.3	0-25
Mercury (Hg)*	7470	98	70-130	123**	95	80-122	1.0	0-10
Zinc (Zn)	6010	101	70-130	84	81	70-130	3.6	0-25

*Mercury analyzed on 07/29/98.
**Sample matrix effect.

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980517-03
PACE ANALYTICAL WO#: 134068
Client ID#: 575-8G001

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Sample ID	Preparation Date	Analysis Date	STLC Lead mg/L	PRL mg/L	DF
Units					
Method Blank	07/24/98	07/27/98	<0.20	0.20	1
TTB9-3-1	07/24/98	07/27/98	2,100	20	10
TTB9-3-3	07/24/98	07/27/98	2,600	20	10
TTB9-3-5	07/24/98	07/27/98	1,800	20	10
TTB9-3-10	07/24/98	07/27/98	0.4	0.20	1
TTB9-2-1	07/24/98	07/27/98	4.2	2.0	10
TTB9-4-1	07/24/98	07/27/98	42	2.0	10
TTB9-4-3	07/24/98	07/27/98	48	2.0	10
TTB9-4-5	07/24/98	07/27/98	95	0.20	1
TTB9-4-10	07/24/98	07/27/98	3.5	0.20	1
TTB10-1-1	07/24/98	07/27/98	8.1	0.20	1
TTB10-1-3	07/24/98	07/27/98	0.6	0.20	1
TTB10-2-1	07/24/98	07/27/98	9.4	0.20	1
TTB10-2-3	07/24/98	07/27/98	6.1	0.20	1
TTB11-1-10	07/24/98	07/27/98	36	0.20	1
TTB12-1-3	07/24/98	07/27/98	8.2	0.20	1
TTB12-1-5	07/24/98	07/27/98	9.8	0.20	1
TTB12-2-3	07/24/98	07/27/98	14	0.20	1

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, Inc.

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/27/98		07/27/98	07/27/98			
Analyte							
STLC Lead	101	70-130	93	93	70-130	1.1	0-25

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QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	LCS % REC	Acceptable Range	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	07/27/98		07/27/98	07/27/98			
Analyte							
STLC Lead	101	70-130	93	93	70-130	1.1	0-25

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

980617-03
396501 / 3436 B

Page 1 of 7

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Pass
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←
Phone: (510) 785-1111	P.O. # / Billing Reference: 375-86001
Sampled By (PRINT): Scott Bones	Project Name / No.: Tosco Terminal
Sampler Signature: [signature]	Date Sampled:

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week ☐ 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 7/16/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-D	BTEX	VOCs	SVOCs	PCBs	STLC Ag (3)	STLC Cd (3)	STLC Cr (3)	STLC Zn (4)	REMARKS
TTB9-3-1	715	S								X	X	X	X			⊗	⊗	⊗		
TTB9-3-3	720									X	X	X	X		⊗	⊗	⊗	⊗		
TTB9-3-5	725									X	X	X	X		⊗	⊗	⊗	⊗		
TTB9-3-10	730									X	X	X	X				⊗	⊗		Pb ONLY
TTB9-3-15	735									X	X	X	X				⊗			RUSH
TTB9-1-1	750									X	X	X	X				⊗			Archive
TTB9-1-3	755									X	X	X	X							Cr ONLY
TTB9-1-5	800	↓								X	X	X	X							

7/8/98

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSI	6/16/98	1600		6/16/98	1600

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

 396502

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss
Address: 1320 W. Winton Ave, Hayward, CA 94545	Bill To: →
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600
Sampled By (PRINT): Scott Bono	Project Name / No.: Trans Bay Terminal
Sampler Signature: Scott Bono	Date Sampled:

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No. 98017-03 13436A
*Requested Due Date:

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM metals	TPH-S	BTEX	SVOCs	VOCs	PCB	STLC Pb
	TTB9-1-10	805	S	~~2~~							X	X	X				
	TTB9-1-15	810															
	TTB9-2-1	815									X	X		X	X		⊗
	TTB9-2-3	820									X	X		X	X		
X	TTB9-2-5	825									X	X		X	X	W4	X
	TTB9-2-10	830									X	X		X	X		
	TTB9-2-15	835															
	TTB9-4-1	845	↓								X	X		X			⊗

REMARKS
RUSH
Archive
Insufficient sample quantity. CXL PCB Analysis per Frank Poss
CXL PCB Analysis per Frank Poss 6/17/98
RUSH
Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible] / PSI	6/16/98	1600		6/16/98	1600

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

39650J

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Posz	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave, Hayward, CA 94544	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No. 980617-03
Sampled By (PRINT): Scott Boneß	Project Name / No.: Transbay Terminal		*Requested Due Date: 13436A
Sampler Signature: [signature]	Date Sampled: 6/16/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-D	BTEX	VOCs	SVOCs	PCBs	STLC Ni	STLC Pb	STLC Cu	STLC Zn	REMARKS
1	TTB9-4-3	850	S								X	X	X			X	X				
2	TTB9-4-5	855									X	X	X				X	X	X	X	
3	TTB9-4-10	900									X	X	X				X				RUSH
4	TTB9-4-15	905																			Archive
5	TTB8-1-1	925									X	X	X								
6	TTB8-1-3	930									X	X	X								
7	TTB8-1-5	935									X	X	X								
8	TTB8-1-15	940	V								X	X	X								RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] PSI	6/16/98	1600		6/16/98	1600

Additional Comments:
ALL SAMPLES DELIVERED WERE SAMPLED WITH ICE AND WATER WITHIN THE COOLERS.

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Paul Boss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1370 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No. 980612-03
Sampled By (PRINT): Scott Bowers	Project Name / No.: Tansbay Terminal		*Requested Due Date: 13936A
Sampler Signature	Date Sampled: 6/16/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Carbon chain TPH-S	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
1	TTB 8-1-20	945	S														Archive
2	TTB 10-1-1	1010									X	X	X	X	⊗		
3	TTB 10-1-3	1015									X	X	X	X	⊗		
4	TTB 10-1-5	1020									X	X	X	X			
5	TTB 10-1-10	1025									X	X	X	X			RUSH
6	TTB 10-1-15	1030									X	X	X				Archive
7	TTB 10-1-20	1035															
8	TTB 10-2-1	1040	↓								X	X	X	X	⊗		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← / PSI	6/16/98	1600		6/16/98	1600

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

396505

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86001		Pace Project No. 98617-03 13936A
Sampled By (PRINT): Scott Bowers	Project Name / No.: Transbay terminal		*Requested Due Date:
Sampler Signature:	Date Sampled: 6/16/08		

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	STLC Hg	STLC Pb	REMARKS
	TTB 10-2-3	1045	S								X	X	X	X	X	⊗			
	TTB 10-2-5	1050									X	X	X	X					
	TTB 10-2-10	1055									X	X	X	X					Rush
	TTB 10-2-15	1115																	Archive
	TTB 11-1-1	1210									X	X	X	X					
	TTB 11-1-3	1215									X	X	X	X					
	TTB 11-1-5	1220									X	X	X	X		⊗			→ m
	TTB 11-1-10	1225	↓								X	X	X	X	⊗	⊗			RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/16/08	1600		6/16/08	1600

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

396506

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601		Pace Project No. 98617-03
Sampled By (PRINT): Scott Bowers	Project Name / No.: Transbay terminal		*Requested Due Date: 13936A
Sampler Signature:	Date Sampled: 6/16/98		

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM METALS	TPH-S	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
	TTB11-1-15	1230	S															Archive
	TTB12-1-1	1253									X	X	X	X				
	TTB12-1-3	1235									X	X	X	X		⊗		
	TTB12-1-5	1240									X	X	X	X		⊗		RUSH
	TTB12-1-10	1245																Archive
	TTB12-2-1	1255									X		X	X				
	TTB12-2-3	1300									X		X	X		⊗		
	TTB12-2-5	1305	✓								X	X	X	X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/16/98	1600		6/16/98	1600

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

396507

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PST	Report To: Frank Poss
Address: 1320 W. Winton, Hayward, CA 94545	Bill To: ←
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8[illegible]001
Sampled By (PRINT): Scott Bones	Project Name / No.: Transbay Terminal
Sampler Signature:	Date Sampled: 6/16/98

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week ☐ 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager: 980617-03
Pace Project No.: 13936A
*Requested Due Date:

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17 metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
TTB12-2-10	1310	S								X	X	X		X		RUSH
TTB12-2-15	1315															Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible] PSI	6/16/98	1600		6/16/98	1600

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS TBT
Site Location:

PACE ANALYTICAL Project #: 980618-06
PACE ANALYTICAL WO #: 13444B
Client ID #: 8G001 TBT

Date: 8/13/98

Pace Analytical Service, Inc. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/17/98 and received on 06/17/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Mercury, Lead, Copper & Chromium (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel. 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980618-06
PACE ANALYTICAL WO#:134448
Client ID#:8G001 TST

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Client ID:	TTB13-2-S	TTB13-2-3	TTB13-1-S*	TTB15-1-S	TTB15-1-10	TTB15-2-S	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	08/03/98	08/03/98	08/03/98	08/03/98	08/03/98	08/03/98		
Analysis Date:	08/03/98	08/03/98	08/03/98	08/03/98	08/03/98	08/03/98		
Analyte								
Copper (Cu)	---	---	2.2	---	---	---	0.5	6010
Lead (Pb)	5.2	1.7	7.0	7.6	0.6	31	0.2	6010
Mercury (Hg)	---	---	<0.002	---	---	---	0.002	7471
DF	1	1	1	1	1	1		

*Mercury analyzed on 08/09/98.

Client ID:	TTB15-2-10	TTB14-2-S	TTB14-2-3	TTB14-2-5	TTB14-2-10	TTB16-2-S	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	08/03/98	08/03/98	08/03/98	08/03/98	08/03/98	08/03/98		
Analysis Date:	08/03/98	08/03/98	08/03/98	08/03/98	08/03/98	08/03/98		
Analyte								
Lead (Pb)	2.2	4.6	16	3.6	2.1	3.4	0.2	6010
DF	1	1	1	1	1	1		

Client ID:	TTB16-3-S	TTB16-3-5	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	08/03/98	08/03/98	08/03/98		
Analysis Date:	08/03/98	08/03/98	08/03/98		
Analyte					
Chromium (Cr)	0.1	---	<0.1	0.1	6010
Lead (Pb)	5.9	8.5	<0.2	0.2	6010
DF	1	1	1		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980618-06
PACE ANALYTICAL WO#:13444B
Client ID#:8G001 TBT

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

		Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		08/03/98	08/03/98			
Analyte	**EPA Method**					
Chromium (Cr)	6010	100	100	75-108	0.0	0-9
Copper (Cu)	6010	100	101	70-130	1.0	0-25
Lead (Pb)	6010	99	100	74-106	1.0	0-9
Analysis Date:		08/09/98	08/09/98			
Mercury (Hg)	7471	103	107	80-122	4.0	0-10

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980618-05
PACE ANALYTICAL WO#:134448
Client ID#:8G001 TBT

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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ce Analytical

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13444A
980618-06

423459

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 TBT
	Project Name / No.: CALTRANS TBT

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6/30/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature / Date Sampled: CHRIS MERRITT 6/17/98

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020	8260	8270	8080	STLC Pb	REMARKS
	TTB13-1-10.0	0808	SOIL		1						X	X	X		X			
	~~TTB13-1-15.0~~	0814			1						X	X	X		X			ARCHIVE
	TTB15-1-5	0900			1						X	X	X		X			
	TTB15-1-3.0	0901			1						X	X	X		X			
	TTB15-1-5.0	0904			1						X	X	X		X		⊗	
	TTB15-1-10.0	0906			1						X	X	X		X		⊗	
	~~TTB15-1-15.0~~	0912			1						X	X	X		X			ARCHIVE
	TTB15-2-5	0923			1						X	X		X		X	⊗	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/17/98	1600	FED EX	6/17/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

ce Analytical

13444A
980618-06

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423460

CHAIN-OF-CUSTODY RECORD
Analytical Request

ent PSI	Report To: FRANK POSS
ddress 1320 W. WINTON AVE	Bill To: SAME
HAYWARD CA 94545	P.O. # / Billing Reference 86001 TBT
hone 510 785-1111	Project Name / No. CALTRANS TBT

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6/30/98

ampled By (PRINT): CHRIS MERRITT
mpler Signature: CHRIS MERRITT
Date Sampled: 6/17/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TRH 5	WET CH	8020	8260	8270	8080	STLC Pb		REMARKS
TTB15-2-3.0	0925	SOIL		1						X	X		X		X			
TTB15-2-5.0	0925			1						X	X		X		X			
TTB15-2-10.0	0931			1						X	X		X		X			
~~TTB15-2-15.0~~	0937			1						X	X		X		X	(X)		
TTB14-1-5	0950			1						X	X		X		X			ARCHIVE
TTB14-1-3.0	0953			1						X	X	X		X				
TTB14-1-5.0	0953			1						X	X	X		X				
TTB14-1-10.0	0956	↓		1						X	X	X		X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

nal Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/17/98	1600	FED EX	6/17/98	

SAMPLE CONDITION

Temp: ____ °C Received on Ice: Y/N

Pace Analytical

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13444A
980618-06

423461

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date: 6/30/98
Sampler Signature / Date Sampled: CHRIS MERRITT 6/17/98			

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-S	CAM 17	8020	8260	8270	8080	STLC Pb		REMARKS
1	~~TTB14-1-15.0~~	1003	SOIL		1						X	X	X		X				ARCHIVE
2	TTB14-2-5	1030			1						X	X		X		X	⊗		
3	TTB14-2-3.0	1033			1						X	X		X		X	⊗		
4	TTB14-2-5.0	1033			1						X	X		X		X	⊗		
5	TTB14-2-10.0	1039			1						X	X		X		X	⊗		
6	~~TTB14-2-15.0~~	1046			1						X	X		X		X			ARCHIVE
7	TTB16-1-5	1249			1						X	X		X					
8	TTB16-1-3.0	1250			1						X	X		X					

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/17/98	1600	FED EX	6/18/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

AW

Pace Analytical

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13444A
980618-06

423462

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510-785-1111	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
	Project Name / No.: CALTRANS TBT		*Requested Due Date: 6/30/98

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature / Date Sampled: CHRIS MERRITT 6/17/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020	1260	4270	8080	STLC Pb	Cr	REMARKS
	TTB16-1-5.0	1250			1						X	X		X					
	TTB16-1-10.0	1256			1						X	X		X					
	~~TTB16-1-15.0~~	1303			1						X	X		X					ARCHIVE
	TTB16-2-5	1313			1						X	X	X		X				
	TTB16-2-3.0	1316			1						X	X	X		X				
	TTB16-2-5.0	1316			1						X	X	X		X		⊗		
	TTB16-2-10.0	1320			1						X	X	X		X				
	~~TTB16-2-15.0~~	1327			1						X	X	X		X				ARCHIVE

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/17/98	1600	FED EX	6/18/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Analytical

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13444A
980618-06

423463

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI
Address: 1320 W. WINTON AVE
HAYWARD CA 94545
Phone: 510 785-1111

Report To: FRANK POSS
Bill To: SAME
P.O. # / Billing Reference: 86001 TBT
Project Name / No.: CALTRANS TBT

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 6/30/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 6/17/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020	8260	4270	4080	STLC Pb	STLC Cr	REMARKS
	TTB16-3-5	1336	SOIL		1						X	X		X		X	⊗	⊗	
	TTB16-3-3.0	1338			1						X	X		X		X			
	TTB16-3-5.0	1338			1						X	X		X		X	⊗		
	TTB16-3-10.0	1341			1						X	X		X		X			
	~~TTB16-3-15.0~~	1349	↓		1						X	X		X		X			ARCHIVE

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/17/98	1600	FEDEX	6/18/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Additional Comments

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel. 562-498-9515
Fax. 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS TBT
Site Location:

PACE ANALYTICAL Project #: 980619-09
PACE ANALYTICAL WO #: 134588
Client ID #: BG001 TBT

Date: 8/13/98

Pace Analytical Service, Inc. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/18/98 and received on 06/19/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters.

ANALYTICAL TEST	PAGE
STLC Mercury, Lead & Silver (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafana, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980619-09
PACE ANALYTICAL WO#:134558
Client ID#:8C001 TBT

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Water

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/L	STLC Mercury* mg/L	PRL mg/L	STLC Silver mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date							
Method Blank	08/03/98	08/03/98	<0.2	0.2	<0.002	0.002	<0.1	0.1	1
TTBZ-2-5.0	08/03/98	08/03/98	9.6	0.2	—	—	—	—	1
TTBY-2-S	08/03/98	08/03/98	4.5	0.2	—	—	—	—	1
TTBY-2-3.0	08/03/98	08/03/98	3.6	0.2	—	—	—	—	1
TTBY-2-5.0	08/03/98	08/03/98	17	0.2	—	—	—	—	1
TTBAA-1-S	08/03/98	08/03/98	3.3	0.2	0.005	0.002	—	—	1
TTBAA-1-3.0	08/03/98	08/03/98	19	0.2	—	—	—	—	1
TTBAA-1-5.0	08/03/98	08/03/98	43	0.2	—	—	—	—	1
TTBAA-1-10.0	08/03/98	08/03/98	6.9	0.2	—	—	—	—	1
TTBZ-2-3.0	08/03/98	08/03/98	12	0.2	—	—	—	—	1
TTBAA-2-3.0	08/03/98	08/03/98	3.7	0.2	—	—	—	—	1
TTBAA-2-5.0	08/03/98	08/03/98	7.0	0.2	—	—	—	—	1
TTBAA-2-10.0	08/03/98	08/03/98	5.5	0.2	—	—	—	—	1
TTBBB-1-S	08/03/98	08/03/98	0.5	0.2	—	—	—	—	1
TTBBB-1-10.0	08/03/98	08/03/98	6.1	0.2	—	—	—	—	1
TTBCC-1-S	08/03/98	08/03/98	0.7	0.2	—	—	—	—	1
TTBCC-1-3	08/03/98	08/03/98	8.5	0.2	—	—	0.1	0.1	1
TTBCC-1-5.0	08/03/98	08/03/98	10	0.2	—	—	—	—	1
TTBCC-2-5.0	08/03/98	08/03/98	4.4	0.2	—	—	—	—	
TTBDD-2-S	08/03/98	08/03/98	4.5	0.2	—	—	—	—	
TTBDD-2-3	08/03/98	08/03/98	6.7	0.2	—	—	—	—	

*Mercury analyzed on 08/09/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel. 562-498-9515
Fax. 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

		Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		08/03/98	08/03/98			
Analyte	**EPA Method**					
STLC Lead	6010	71	71	70-130	0.0	0-25
STLC Silver	6010	70	70	60-110	0.0	0-8
Analysis Date:		08/09/98	08/09/98			
STLC Mercury	7471	103	107	80-122	4.0	0-10

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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Pace Analytical

13458B
980619-09

423469

CHAIN-OF-CUSTODY RECORD
Analytical Request

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Client: PSI	Report To: FRANK ROSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785 1111	P.O # / Billing Reference: 86001 TBT		Pace Project No.
	Project Name / No.: CALTRANS TBT		*Requested Due Date: 7/3/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature / Date Sampled: CHRIS MERRITT 6/18/98

A.A. REQUESTED 7/1/98 BE

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020	8260	8270	8080	STLC Ni (1)	STLC Pb (2)	CAM STLC	REMARKS
1	TTBZ-2-5.0	1335		T	1						X	X	X		X			⊗		
2	TTBZ-2-10.0	1340			1						X	X	X		X					Rush
3	~~TTBZ-2-15.0~~	1345			1						X	X	X		X					Archive
4	TTBY-2-5	1358			1						X	X		X		X		⊗		
5	TTBY-2-3.0	1401		A/B/T	1			B			X	X		X		X		⊗		
6	TTBY-2-5.0	1401			1						X	X		X		X		⊗		
7	TTBY-2-10.0	1405			1						X	X		X		X				Rush
8	TTBY-2-15.0	1412			1						X	X		X		X				Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
FedEx	804837270752	6/18/98	1

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	CHRIS MERRITT	6/18/98	1600	FED EX	6/18/98	
2				Hung Lam / Pace	6/19/98	900
3						
4						
5						

SAMPLE CONDITION

Temp: 2.5 °C	Received on Ice: (Y) / N	Sealed Cooler: (Y) / N	Samples Intact: (Y) / N

SEE REVERSE SIDE FOR INSTRUCTIONS

e Analytical

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980619-09

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423468

CHAIN-OF-CUSTODY RECORD
Analytical Request

nt PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
dress 1320 W. WINTON AVE	Bill To: SAME		Pace Project Manager
HAYWARD CA. 94545	P.O. # / Billing Reference 86001 TBT		Pace Project No.
one 510 785-1111	Project Name / No. CALTRANS TBT		*Requested Due Date:

mpled By (PRINT): CHRIS MERRITT

mpler Signature: CHRIS MERRITT — Date Sampled: 6/18/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	OAM 17	8020	8260	8270	8040	STLC Hg	STLC Pb	REMARKS
TTBBB-1-15.0	1250	SOIL	↑	1						X	X	X		X				Archive
TTBAA-1-5	1302		A422	1						X	X	X		X		⊗		
TTBAA-1-3.0	1305			1						X	X	X		X		⊗		
TTBAA-1-5.0	1305			1						X	X	X		X	⊗	⊗		
TTBAA-1-10.0	1307			1						X	X	X		X		⊗		Rush
TTBAA-1-15.0	1316			1						X	X	X		X				Archive
TTBZ-2-5	1333			1						X	X	X		X				
TTBZ-2-3.0	1335			1						X	X	X		X		⊗		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

tional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FEDEX	6/19/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Anlaytical

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98619-09

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423467

CHAIN-OF-CUSTODY RECORD
Analytical Request

: PST	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
ess 1320 W. WINTON AVE	Bill To: SAME		Pace Project Manager
HAYWARD CA. 94545	P.O. # / Billing Reference 8G001 TBT		Pace Project No.
e 510-785-1111	Project Name / No. CALTRANS TBT		*Requested Due Date:

led By (PRINT): CHRIS MERRITT
ler Signature
CHRIS MERRITT
Date Sampled 6/18/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	8015 CAM 17	8020	8260	8270	8050	STLC Pb		REMARKS
TTBAA-2-3.0	1036	SOIL		1						X	X		X		X	⊗		
TTBAA-2-5.0	1056			1						X	X		X		X	⊗		
TTBAA-2-10.0	1100			1						X	X		X		X	⊗		Rush
TTBAA-2-15.0	1120			1						X	X		X		X			Archive
TTBBB-1-5	1240			1						X	X	X		X		⊗		
TTBBB-1-3.0	1242			1						X	X	X		X				
TTBBB-1-5.0	1242			1						X	X	X		X				
TTBBB-1-10.0	1245	↓		1						X	X	X		X		⊗		Rush

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	*NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FEDEX	6/18/98	

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

nal Comments

SEE REVERSE SIDE FOR INSTRUCTIONS

8.97

13,258 -42304

980619-09

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE	Bill To: SAME		Pace Project Manager
HAYWARD CA. 94545	P.O. # / Billing Reference: 96001 TBT		Pace Project No.
Phone: 510 785-1111	Project Name / No.: CALTRANS TBT		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT Date Sampled: 6/18/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	BTEX	8020	8260	8270	8080 PCB					REMARKS
TTB17-1-5	0812	SOIL		1						X	X	X		X						
TTB17-1-3.0	0815			1						X	X	X		X						
TTB17-1-5.0	0816			1						X	X	X		X						
TTB17-1-10.0	0819			1						X	X	X		X						Rush
TB17-2-5	0836			1						X	X		X		X					
TTB17-2-3.0	0839			1						X	X		X		X					
TTB17-2-5.0	0837			1						X	X		X		X					
TTB17-2-10.0	0841	↓		1						X	X		X		X					Rush

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FED EX	6/19/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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ORIGINAL

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98619-09

423466

CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
1320 W. WINTON AVE	Bill To: SAME		Pace Project Manager
HAYWARD CA 94545	P.O. # / Billing Reference 46001 TBT		Pace Project No.
510 785-1111	Project Name / No CALTRANS TBT		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT Date Sampled: 6/18/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	CAM 17	8020	8260	8270	8082	STLC Pb	STLC As	REMARKS
TTBDD-2-5.0	0941	SOIL		1						X	X		X		X			
TTBDD-2-10.0	0946			1						X	X		X		X			Rush
TTBDD-2-15.0	0956			1						X	X		X		X			ARCHIVE
TTBCC-1-5	1011			1						X	X	X		X				
TTBCC-1-3.0	1013			1						X	X	X		X				
TTBCC-1-5.0	1014			1						X	X	X		X				Rush
TTBCC-1-10.0	1019			1						X	X	X		X				Archive
TTBAA-2-5	1053			1						X	X		X		X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FED EX	6/18/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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13958A
980619-09

423465

CHAIN-OF-CUSTODY RECORD
Analytical Request

nt PSI	Report To: FRANK POSS
ress 1320 W. WINTON AVE	Bill To: SAME
HAYWARD CA 94545	P.O. # / Billing Reference 46001 TBT
ne 510 785-1111	Project Name / No. CALTRANS TBT

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

pled By (PRINT): CHRIS MERRITT

pler Signature: CHRIS MERRITT
Date Sampled: 6/18/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM17	8020	8260	8270	8040	STLC Pb		REMARKS
TTB17-2-15.0	0854	SOIL		1						X	X		X		X			Archive
TTBCC-2-5	0916			1						X	X		X		X			
TTBCC-2-3.0	0918			1						X	X		X		X			
TTBCC-2-5.0	0919			1						X	X		X		X	⊗		Rush
TTBCC-2-10.0	0921			1						X	X		X		X			Archive
~~TTBCC-2-15.0~~	~~0925~~	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
TTBDD-2-5	0938			1						X	X		X		X	⊗		
TTBDD-2-3.0	0940	↓		1						X	X		X		X	⊗		

EQUIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FED EX	6/18/98	

SAMPLE CONDITION

Temp: ___ ___ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

nal Comments

SEE REVERSE SIDE FOR INSTRUCTIONS

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980619-09

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423470

CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI ~~1320~~	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
1320 W. WINTON AVE	Bill To:		Pace Project Manager
HAYWARD CA 94545	P.O. # / Billing Reference		Pace Project No.
SIC 785-111	Project Name / No.		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: SAME

Date Sampled: 6/18/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	CAM 17	8020	4260	8270	5040	REMARKS
TTB-7-1-15.0		SOIL								X	X	X		X		Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FED EX	6/19/98	

SAMPLE CONDITION

Temp. _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS TBT
Site Location:

PACE ANALYTICAL Project #: 980623-04
PACE ANALYTICAL WO #: 13473B
Client ID #: 8G001 TBT

Date: 8/10/98

Pace Analytical Service, Inc. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/19/98 and received on 06/22/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by:
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980623-04
PACE ANALYTICAL WO#:134736
Client ID# 6G001 TBT

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Sample ID	Preparation Date	Analysis Date	STLC Lead mg/L	PRL mg/L	DF
Units					
Method Blank	08/03/98	08/03/98	<0.2	0.2	1
TTBX-2-3.0	08/03/98	08/03/98	20	0.2	1
TTBX-2-5.0	08/03/98	08/03/98	9.5	0.2	1
TTBX-2-10.0	08/03/98	08/03/98	46	0.2	1
TTBS-2-S	08/03/98	08/03/98	3.7	0.2	1
TTBS-2-5.0	08/03/98	08/03/98	4.5	0.2	1
TTBY-1-10.0	08/03/98	08/03/98	6.1	0.2	1
TTBX-1-3	08/06/98	08/06/98	18	0.2	1
TTBX-1-5	08/06/98	08/06/98	25	0.2	1
TTBX-1-10	08/06/98	08/06/98	44	0.2	1
TTBZ-1-3	08/06/98	08/06/98	41	0.2	1
TTBZ-1-5	08/06/98	08/06/98	17	0.2	1

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3970 Gilman St.
Long Beach, CA 90815
Tel. 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980823-04
PACE ANALYTICAL WO# 13473B
Client ID#:8G001 TBT

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/03/98	08/03/98			
Analyte					
STLC Lead	70	70	70-130	0.0	0-25

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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980623-04

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK ROSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☒ 1 Week 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE	Bill To: SAME		Pace Project Manager
HAYWARD CA	P.O. # / Billing Reference: 46001 TBT		Pace Project No.
Phone: 510 785-1111	Project Name / No.: CALTRANS TBT		*Requested Due Date: 7/8/98

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature / Date Sampled: CHRIS MERRITT 6/19/98

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020	4260 (2)	8270 (18)	8080 (9)	SVOC PLUS	(6)	REMARKS
	TTBX-2-$3.0	0956	SOIL								X	X	X		X		X		
	TTBX-2-5.0	0956									X	X	X		X		X		
	TTBX-2-10.0	1000									X	X	X		X		X		RUSH
	~~TTBX-2-15.0~~	1009									X	X	X		X		X		ARCHIVE
	TTBS-2-5	1153									X	X	X		X		X		
	TTBS-2-3.0	1157									X	X	X		X				
	TTBS-2-5.0	1159									X	X	X		X		X		
	TTBS-2-10.0	1200									X	X	X		X				RUSH

A.A. req 7/10/98

(6) RUSHES DUE 6/29/98

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
Fed Ex	8048 37270763	6/19/98	

Additional Comments: Arrived 6/22/98 13:10 pm

FEDEX MISSED SATURDAY DELIVER

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/19/98	1600	FED EX	6/19/98	
				Hung Lam / Pace	6/20/98	0830

SAMPLE CONDITION

Temp: 23°C °C | Received on Ice: Y (N) | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

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e Analytical

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13473A
980623-04

423479

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date: 7/8
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/19/98		

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	(AM17)	420	8260	8270	8080	STLC Pb			REMARKS
	TTBZ-1-10.0	0832	SOIL		1						X	X	X		X					RUSH
	~~TTBZ-1-15.0~~	0849			1						X	X	X		X					ARCHIVE
	TTBY-1-5	0918			1						X	X	X		X					
	TTBY-1-3.0	0922			1						X	X	X		X					
	TTBY-1-5.0	0922			1						X	X	X		X					
	TTBY-1-10.0	0925			1						X	X	X		X					RUSH
	~~TTBY-1-15.0~~	0935			1						X	X	X		X					ARCHIVE
	TTBX-2-5	0954			1						X	X		X		X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/19/98	1600	FED EX	6/19/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

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13473A
980623-04

423478

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS
Address: 1320 W. WINTON AVE. HAYWARD CA 94545	Bill To: SAME
Phone: 510 785 1111	P.O. # / Billing Reference: 86001 TBT
	Project Name / No.: CALTRANS TBT

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week ☐ 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 6/18/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	CAM 17	8020	8260	8270	8080	STLC 5				REMARKS
1	TTBX-1-5	0740	SOIL		1						X	X	X		X						
2	TTBX-1-3.0	0743			1		B-J				X	X	X		X			X			
3	TTBX-1-5.0	0745			1						X	X	X		X			X			
4	TTBX-1-10.0	0746			1		A				X	X	X		X			X			RUSH
5	TTBX-1-15.0	0755			1						X	X	X		X			X			ARCHIVE
6	TTBZ-1-5	0825			1						X	X	X		X						
7	TTBZ-1-3.0	0829			1						X	X	X		X			X			
8	TTBZ-1-5.0	0829			1						X	X	X		X			X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/18/98	1600	FED EX	6/19/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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13473A
980623-04

423481

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785 1111	P.O. # / Billing Reference: 46001 TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date:
Sampler Signature: CHRIS MERRITT	Date Sampled: 6/19/98		

ITEM ID.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH 5	CAM 17	8020	6260	8270	8080	REMARKS
1	~~TTBS-2-15.0~~	1207	SOIL								X	X	X	X	X	X	ARCHIVE
2	TTBS-1-5	1227									X	X	X	X			
3	TTBS-1-3.0	1233									X	X	X	X			
4	TTBS-1-5.0	1233									X	X	X	X			
5	TTBS-1-10.0	1235									X	X	X	X			
6	~~TTBS-1-15.0~~	1240									X	X	X	X			RUSH
7	TTBU-1-5										X	X	X	X			ARCHIVE
8	TTBX-2-W		↓								X	X	X	X			
											X	X	X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/19/98	1600	FED EX	6/19/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: TRANSBAY TERMINAL
Site Location:

PACE ANALYTICAL Project #: 980623-06
PACE ANALYTICAL WO #: 13475B
Client ID #: 575-8G001

Date: 8/19/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/22/98 and received on 06/23/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Copper, Chromium & Lead (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by:
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980623-08
PACE ANALYTICAL WO#:134758
Client ID#:575-8C001

Analyst: SC
Preparation Analyst: SC
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/L	STLC Chromium mg/L	PRL mg/L	STLC Copper mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date							
Method Blank	08/06/98	08/06/98	<0.2	0.2	<0.1	0.1	<0.5	0.5	1
TTB64-1-1	08/06/98	08/06/98	0.2	0.2	---	---	---	---	1
TTB64-1-3	08/06/98	08/06/98	6.2	0.2	---	---	---	---	1
TTB64-1-10	08/06/98	08/06/98	6.7	0.2	---	---	---	---	1
TTB65-2-3	08/06/98	08/06/98	16	0.2	---	---	---	---	1
TTB65-2-5	08/06/98	08/06/98	22	0.2	---	---	---	---	1
TTB65-2-10	08/06/98	08/06/98	13	0.2	---	---	---	---	1
TTB65-3-3	08/06/98	08/06/98	44	0.2	---	---	---	---	1
TTB65-3-5	08/06/98	08/06/98	24	0.2	---	---	---	---	1
TTB65-3-10	08/06/98	08/06/98	17	0.2	0.2	0.1	---	---	1
TTB65-4-3	08/06/98	08/06/98	32	0.2	---	---	---	---	1
TTB65-4-5	08/06/98	08/06/98	51	0.2	---	---	---	---	1
TTB65-4-10	08/06/98	08/06/98	21	0.2	---	---	---	---	1
TTB64-2-3	08/06/98	08/06/98	8.4	0.2	---	---	---	---	1
TTB64-2-5	08/06/98	08/06/98	18	0.2	---	---	---	---	1
TTB64-2-10	08/06/98	08/06/98	9.9	0.2	---	---	---	---	1
TTB64-3-1	08/06/98	08/06/98	13	0.2	---	---	---	---	1
TTB64-3-3	08/06/98	08/06/98	12	0.2	---	---	---	---	1
TTB64-3-5	08/06/98	08/06/98	14	0.2	---	---	---	---	1
TTB64-3-10	08/06/98	08/06/98	4.6	0.2	0.3	0.1	---	---	1
TTB65-1-1	08/06/98	08/06/98	15	0.2	---	---	---	---	1
TTB65-1-3	08/06/98	08/06/98	28	0.2	---	---	---	---	1
TTB65-1-5	08/06/98	08/06/98	40	0.2	---	---	---	---	1
TTB65-1-10	08/06/98	08/06/98	30	0.2	---	---	---	---	1
TTB62-3-1	08/06/98	08/06/98	5.1	0.2	---	---	---	---	1
TTB62-3-5	08/06/98	08/06/98	41	0.2	---	---	---	---	1
TTB63-3-1	08/06/98	08/06/98	8.7	0.2	---	---	3.7	0.5	1
TTB63-3-3	08/06/98	08/06/98	---	---	0.4	0.1	---	---	1
TTB63-3-5	08/06/98	08/06/98	31	0.2	---	---	---	---	1
TTB63-4-1	08/06/98	08/06/98	3.6	0.2	---	---	---	---	1
TTB63-4-10	08/06/98	08/06/98	6.2	0.2	---	---	---	---	1
TTB63-2-1	08/06/98	08/06/98	3.7	0.2	---	---	---	---	1
TTB63-2-3	08/06/98	08/06/98	27	0.2	---	---	14	0.5	1
TTB63-2-5	08/06/98	08/06/98	14	0.2	---	---	---	---	1
TTB63-1-3	08/06/98	08/06/98	5.6	0.2	---	---	25	0.5	1
TTB63-1-5	08/06/98	08/06/98	8.4	0.2	---	---	---	---	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	SC
Preparation Analyst:	SC
Preparation Method:	Title 22 WET Extraction
Matrix:	STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/06/98	08/06/98			
Analyte					
STLC Lead	99*	100*	80-120	1.0*	0-20
STLC Chromium	94	95	75-108	1.0	0-9
STLC Copper	98*	101*	70-130	3.0	0-20

*MS/MSD outside control limits; LCS/LCSD used as control.

	LCS % REC	LCSD % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/06/98	08/06/98			
STLC Lead	102	104	80-120	2.0	0-20

REPORT OF LABORATORY ANALYSIS

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Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

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980623-06

Page 1 of 7

423477

CHAIN-OF-CUSTODY RECORD
Analytical Request

nt PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☒ 1 Week 2 Weeks ☒ Normal 14 Days	Pace Client No.
ress 1320 W. Winton Ave	Bill To: ←		Pace Project Manager
Hayward, CA 94545.	P.O. # / Billing Reference 575-8G-001		Pace Project No.
ne (510) 785-1111	Project Name / No. Tinsley Terrace		*Requested Due Date: 7/8/98

pled By (PRINT): Scott Bowers

pler Signature: ← Date Sampled: 6-22-98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-D	BTEX	VOCs (33)	SVOCs (21)	PCBs (1)	STLC Cd (3)	STLC Pb (5)	STLC 4 0 (2)	REMARKS
TTB64-1-1	730	S								X	X	X				⊗			A.A. KEQ 7/21/98 SES RUSHES DUE 6/30/98
TTB64-1-3	735									↓	↓	↓				⊗			
TTB64-1-5	740		SJ																
TTB64-1-10	745									↓	↓	↓				⊗			RUSH
TTB64-1-15	750		A																Archive
TTB65-2-1	835									X	X	X	X						
TTB65-2-3	840									↓	↓	↓	↓			⊗			
TTB65-2-5	845	V								↓	↓	↓	↓			⊗			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
Fx			

onal Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← PSC	7/22/98	1100	Hunglam / Pace	6/23/98	900

SAMPLE CONDITION

Temp: 2.0 °C	Received on Ice: (Y) N	Sealed Cooler: (Y) N	Samples Intact: (Y) N

Pace Analytical

13475
980623-06
Page 2 of 7

423490

CHAIN-OF-CUSTODY RECORD
Analytical Request

nt PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
ress 1320 W. Winton Ave	Bill To:		Pace Project Manager
Hayward, CA	P.O. # / Billing Reference 575-86001		Pace Project No.
ne (510) 785-1111	Project Name / No. Transbay Terminal		*Requested Due Date:

pled By (PRINT): Scott Bowers

pler Signature: _____ Date Sampled: 6-22-98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: LUFT Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	STLC Pb	STLC Cr	REMARKS
TTB65-2-10	850	S								X	X	X		X	⊗			Rush
TTB65-2-15	855	|			8													Archive
TTB65-3-1	910	|								X	X	X		X				
TTB65-3-2	915	|			B										⊗			
TTB65-3-5	920	|													⊗			
TTB65-3-10	925	|								↓	↓	↓		↓	⊗	⊗		Rush
TTB65-3-15	930	|																Archive
TTB65-4-1	935	↓								X	X	X						

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

onal Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/24/98	1600			

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical

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98623-06
Page 3 of 7

423472

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8001
	Project Name / No.: Tracy Terminal

Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.:
*Requested Due Date:

Sampled By (PRINT): Scott Bowers
Sampler Signature: [signature]
Date Sampled: 6-22-98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
TTB65-4-3	940	S								X	X	X				⊗	
TTB65-4-5	945															⊗	
TTB65-4-10	950															⊗	RUSH
TTB65-4-15	955																Archive
TTB64-2-1	1015									X	X	X	X				
TTB64-2-3	1020															⊗	
TTB64-2-5	1025															⊗	
TTB64-2-10	1030															⊗	RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/22/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical

13475B
980623-06 423473

Page 4 of 7

CHAIN-OF-CUSTODY RECORD
Analytical Request

ent PST	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
ress 1320 W. Winton	Bill To:		Pace Project Manager
Hayward, Cal 94545	P.O. # / Billing Reference 575-86001		Pace Project No.
ne (510) 785-1611	Project Name / No. Tramsbay Termin		Requested Due Date:

mpled By (PRINT): Scott Bowers

mpler Signature: [signature] Date Sampled: 6-22-98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
TTB64-2-15	1035	S															Archive
TTB64-3-1	1055	|								X	X	X		X		⊗	
TTB64-3-3	1100	|								X	X	X		X		⊗	
TTB64-3-5	1105	|								X	X	X		X		⊗	
TTB64-3-10	1110	|								X	X	X		X		B.1	RUSH
TTB64-3-15	1115	|															Archive
TTB65-1-1	1200	|								X	X	X	X			⊗	
TTB65-1-3	1205	√								X	X	X	X			⊗	

IPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

onal Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] PSI	6/22/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

ace Analytical

134755
980623-06 423491

Page 5 of 7 **CHAIN-OF-CUSTODY RECORD**
Analytical Request

PSI	Report To: Frank Pass	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
ss 1320 W. Winton Ave	Bill To: ←		Pace Project Manager
Hayward, CA 94545	P.O. # / Billing Reference 575-8GCal		Pace Project No.
(510) 785-114.	Project Name / No. Transbay Terml.		*Requested Due Date:

ed By (PRINT): Scott Bowers

er Signature — Date Sampled: 6-22-98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: ICCR metals	TPH-5	BTEX	VOCs	SVOCs	PCB	SVC Pb	SVC Cu	REMARKS
TB65-1-5	1210	S								X	X	X	X			⊗		
TB65-1-10	1215									X	X	X	X			⊗		Rush
TB65-1-15	1220																	Archive
TB62-3-1	1235									X	X	X	X			⊗		
TB62-3-3	1240																	
TB62-3-5	1245									X	X	X	X			⊗		RUSH
TB62-3-10	1250									X	X	X	NO					Archive
TB63-3-1	1255	↓								X	X	X	X			⊗	⊗	

PMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

nal Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	1600	6/22/98			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical

134758
980623-04

423493

Page 6 of 7

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PST	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Transbay Terminal		Requested Due Date:
Sampler Signature:	Date Sampled: 6-22-98		

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	STLC Pb	STLC Cr	REMARKS
TTB63-3-3	1300	S								X	X	X	X			⊗		
TTB63-3-5	1305									X	X	X	X			⊗		Rush
TTB63-3-10	1316																	Archive
TTB63-4-1	1330									X	X	X	X			⊗		
TTB63-4-3	1335									X	X	X	X					
TTB63-4-5	1340									X	X	X	X					
TTB63-4-10	1345									X	X	X	X			⊗		Rush
TTB63-4-15	1350	V																Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] PST	6/22/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

ace Analytical

13475
98062306 423494

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CHAIN-OF-CUSTODY RECORD / Analytical Request

PSI 1320 W. Winton	Report To: Frank Poss
Hayward, CA 94545	Bill To: ←
(510) 785-1111	P.O. # / Billing Reference 575-8601
	Project Name / No. Tramway Terminal

Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days

Pace Client No.

Pace Project Manager

Pace Project No.

Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature

Date Sampled: 6-22-98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-G/BTEX	TPH-D	VOCs	CVOCs	PCBs	STLC Pb	STLC Cr	REMARKS
TB63-2-1	1400	S								X	X	X	X		⊗		
TB63-2-3	1405									X	X	X	X		⊗	⊗	
TB63-2-5	1410									X	X	X	X		⊗		
TB63-1-1	1415									X	X	X					
TB63-1-3	1420									X	X	X			⊗	⊗	
TB63-1-5	1425	↓								X	X	X			⊗		
~~RB63-1-10~~																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← PSI	6/22/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: TRANSBAY TERMINAL
Site Location:

PACE ANALYTICAL Project #: 980523-07
PACE ANALYTICAL WO #: 13476B
Client ID #: 575-8G001

Date: 8/19/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 6/20/98 and received on 6/23/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Mercury, Lead (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project# 980623-07
PACE ANALYTICAL, WO# 13a788
Client ID#: 575-8G001

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units		STLC Lead mg/L	PRL mg/L	STLC Mercury mg/L	PRL mg/L	DF
Sample ID	Analysis Date					
Method Blank	08/06/98	<0.2	0.2	<0.002	0.002	1
TTBR-2-1	08/06/98	10	0.2	0.003	0.002	1
TTBR-2-3	08/06/98	18	0.2	---	---	1
TTBR-2-5	08/06/98	46	0.2	0.086	0.002	1
TTBR-2-10	08/06/98	78	0.2	0.086	0.002	1
TTBU-1-1	08/06/98	1.8	0.2	---	---	1
TTBU-1-3	08/06/98	4.8	0.2	---	---	1
TTBR-1-3	08/06/98	5.9	0.2	---	---	1
TTBO-1-3	08/06/98	7.3	0.2	---	---	1
TTBO-1-5	08/06/98	4.5	0.2	---	---	1
TTBN-1-1	08/06/98	5.4	0.2	---	---	1
TTBU-3-1	08/10/98	9.4	0.2	---	---	1
TTBBB-2-1	08/10/98	<0.2	0.2	---	---	1
TTBBB-2-3	08/10/98	10	0.2	---	---	1
TTBBB-2-5	08/10/98	11	0.2	---	---	1
TTBBB-2-10	08/10/98	10	0.2	---	---	1
TTBDD-1-5	08/10/98	12	0.2	---	---	1
TBDD-1-10	08/10/98	85	0.2	---	---	1
TTB11-2-1	08/10/98	6.0	0.2	<0.002	0.002	1
TTB11-2-3	08/10/98	1.4	0.2	---	---	1
TTB11-2-5	08/10/98	61	0.2	0.012	0.002	1

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980623-07
PACE ANALYTICAL WO#: 13476B
Client ID#: 575-8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst.	BJ
Preparation Method:	Title 22 WET Extraction
Matrix:	STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/06/98	08/06/98			
Analyte					
STLC Lead	49	49	70-130	0.0	0-25
Analysis Date:	08/10/98	08/10/98			
STLC Lead	89	87	70-130	2.0	0-25

	EPA Method	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		08/09/98	08/09/98			
Analyte						
STLC Mercury	7471	103	107	80-122	4.0	0-10
Analysis Date:		08/17/98	08/17/98			
STLC Mercury	7471	121	122	80-122	1.0	0-10

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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980623-07
Page 1 of 6

423497

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PST	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☒ 1 Week 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601		Pace Project No.
Sampled By (PRINT): Scott Bowen	Project Name / No.: Transbay Tomko		Requested Due Date: 7/8/98
Sampler Signature: ←	Date Sampled: 6/20/98		

20 STLC Pb
A.A. 7/22/98
RUSHES DUE 6/30/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-D	BTEX	VOCs (24)	SVOCs (12)	PCBs (8)	STLC Hg (2)	STLC Pb (2)	REMARKS
1	TTBR-2-1	745	S								X	X	X	X		⊗	⊗		STLC Hg
2	TTBR-2-3	750	↓								↓	↓	↓	↓			⊗		
3	TTBR-2-5	755														⊗	⊗		STLC Hg
4	TTBR-2-10	800														⊗	⊗		ROS Hg
5	~~TTBR-2-15~~	805																	Arch. Fe
6	TTBU-1-1	810									X	X	X				⊗		
7	TTBU-1-3	815									↓	↓	↓				⊗		
8	TTBU-1-5	820	↓																

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
FedEx		6/22	

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← / PST	6/22/98	1100	Hunglam / Pace	6/23/98	900

SAMPLE CONDITION

Temp: 2.0 °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical

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423498

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Tansley Terminal		*Requested Due Date:
Sampler Signature	Date Sampled: 6/20/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: 8 RCRA metals	TPH-G	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
1	TTBU-1-10	825	S								X	X		X				RUSH
2	~~TTBU-1-15~~	830																Archive
3	TTBR-1-1	835									X	X	X		X			
4	TTBR-1-3	840									X	X	X		X		⊗	
5	TTBR-1-5	845									X	X	X		X			
6	TTBR-1-10	850																
7	TTBO-1-1	910									X	X	X	X				
8	TTBO-1-3	915	↓								X	X	X	X	X		⊗	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/22/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

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423486

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: —		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-80-001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Treasure Island		*Requested Due Date:
Sampler Signature: [signature]	Date Sampled: 6-20-98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals / TPH / BTEX / VOCs / SVOCs / PCBs / STLC Pb	REMARKS
1	TTBO-1-5	920	S								X X X X X ⊗	
2	TTBO-1-10	925									X X X X X	RUSH
3	~~TTBO-1-15~~	930										Archive
4	TTBN-1-1	1015									X X X X X ⊗	
5	TTBN-1-3	1020									X X X X	
6	TTBN-1-5	1025									X X X X	
7	TTBN-1-10	1030									X X X X	RUSH
8	TTBN-1-15	1035										Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature]	6/22/98				

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone:	P.O. # / Billing Reference: 575-80001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Transbay Terminal		*Requested Due Date:
Sampler Signature:	Date Sampled: 6-20-98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
1	TTBU-3-1	1200	S								X	X	X		X		⊗	
2	TTBU-3-3	1205	↓								X	X	X		X			
3	TTBU-3-5	1210									X	X	X		X			
4	TTBU-3-10	1215									X	X	X		X			RUSH
5	~~TTBU-3-15~~	1220																Archive
6	TTBBB-2-1	1230									X	X	X		X		⊗	
7	TTBBB-2-3	1235									X	X	X		X		⊗	
8	TTBBB-2-5	1240	↓								X	X	X		X		⊗	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/22/98				

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Pass	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week · 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 525-86601		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Trans bay Term.		*Requested Due Date:
Sampler Signature:	Date Sampled: 6/20/98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
1	TTBBB-2-10	1245	S								X	X	X	X	X	⊗		RUSH
2	~~TTBBB-2-15~~	1250																Archive
3	TTBDD-1-1	1255									X	X	X	X				
4	TTBDD-1-3	1300									X	X	X	X				
5	TTBDD-1-5	1305									X	X	X	X		⊗		
6	TTBDD-1-10	1310									X	X	X	X		⊗		RUSH
7	~~TTBDD-1-15~~	1315																Archive
8	TTB7-1-1	1330	↓								X	X	X	X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/22/98				

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Ernie Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave. Hayward CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8001		Pace Project No.
Sampled By (PRINT): Scott Bowen	Project Name / No.: Tinsley Terminal		*Requested Due Date:
Sampler Signature:	Date Sampled: 5-20-98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: c c & metals	TPH-G	BTEX	VOCs	SVOCs	PCBs	STLC Hg	STLC Pb	REMARKS
1	TTB 7-1-3	1335	S								X	X	X	X					
2	TTB 7-1-5	1340									X	X	X	X					
3	TTB 11-2-1	1350									X	X	X	X		⊗	⊗		STLC Hg
4	TTB 11-2-3	1355									X	X	X	X			⊗		
5	TTB 11-2-5	1400									X	X	X	X		⊗	⊗		STLC Hg RUSH
6	TTB 11-2-10	1405									X	X	X	X					Archive
7	~~TTB 11-2-15~~	1410	√																
8																			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible] / PSI	4/22/98				

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: TRANSBAY TERMINAL
Site Location:

PACE ANALYTICAL Project #: 980824-05
PACE ANALYTICAL WO #: 13482B
Client ID #: 575-8G001

Date: 9/18/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/23/98 and received on 06/24/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead, Copper (Soil)	2-4
List of Abbreviations and Definitions	5

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980024-05
PACE ANALYTICAL WO#: 134828
Client ID#:575-8G001

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units		STLC Lead mg/L	PRL mg/L	DF
Sample ID	Analysis Date			
Method Blank	08/10/98	<0.2	0.2	1
TTB62-2-1	08/10/98	31	0.2	1
TTB62-2-3	08/10/98	10	0.2	1
TTB62-2-5	08/10/98	22	0.2	1
TTB62-1-1	08/10/98	<0.2	0.2	1
TTB62-1-3	08/10/98	11	0.2	1
TTB62-1-5	08/10/98	4.1	0.2	1
TTB62-1-10	08/10/98	11	0.2	1
TTB66-4-3	08/10/98	6.0	0.2	1
TTB66-4-5	08/10/98	5.9	0.2	1
TTB66-1-1	08/10/98	2.0	0.2	1
TTB66-1-3	08/10/98	24	0.2	1
TTB66-1-5	08/10/98	29	0.2	1
TTB66-1-10	08/10/98	27	0.2	1
TTB68-1-1	08/10/98	67	0.2	1
TTB68-1-3	08/10/98	8.4	0.2	1
TTB68-1-5	08/10/98	4.3	0.2	1
TTB68-1-10	08/10/98	3.6	0.2	1
TTB69-1-5	08/10/98	11	0.2	1
TTB69-1-10	08/10/98	11	0.2	1
TTB68-2-3	08/10/98	11	0.2	1
TTB68-2-5	08/10/98	13	0.2	1
TTB69-2-1	08/10/98	2.1	0.2	1
TTB69-2-3	08/10/98	4.7	0.2	1
TTB69-2-5	08/10/98	3.5	0.2	1
TTB68-3-3	08/10/98	6.4	0.2	1
TTB68-3-5	08/10/98	2.2	0.2	1
TTB68-3-10	08/10/98	29	0.2	1
TTB67-3-3	08/10/98	15	0.2	1
TTB67-3-5	08/10/98	14	0.2	1
TTB67-3-10	08/10/98	9.6	0.2	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980624-05
PACE ANALYTICAL WO#: 13462B
Client ID#:575-8G001

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units		STLC Lead mg/L	PRL mg/L	STLC Copper mg/L	PRL mg/L	DF
Sample ID	Analysis Date					
Method Blank	08/11/98	<0.2	0.2	<0.5	0.5	1
TTB68-4-3	08/11/98	27	0.2	—	—	1
TTB68-4-5	08/11/98	210	0.2	—	—	1
TTB68-4-10	08/11/98	20	0.2	—	—	1
TTB67-2-3	08/11/98	4.3	0.2	—	—	1
TTB67-2-5	08/11/98	8.1	0.2	—	—	1
TTB67-2-10	08/11/98	3.8	0.2	—	—	1
TTB62-4-1	08/11/98	57	0.2	5.2	0.5	1
TTB62-4-3	08/11/98	22	0.2	—	—	1
TTB62-4-5	08/11/98	5.7	0.2	—	—	1
TTB62-4-10	08/11/98	29	0.2	—	—	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/10/98	08/10/98			
Analyte					
STLC Lead	89	87	70-130	2.0	0-25

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/11/98	08/11/98			
Analyte					
STLC Copper	88	84	70-130	4.0	0-25
STLC Lead	79	78	70-130	1.0	0-25

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

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423802

CHAIN-OF-CUSTODY RECORD
Analytical Request

nt PSI	Report To: Frank Poss
ess 1320 W. Winton Ave	Bill To: ←
Hayward, CA 94545	P.O. # / Billing Reference 575-8601
ne (510) 785-1111	Project Name / No. Treasure Term.

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☒ 1 Week 2 Weeks
- ☒ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 7/9/98

pled By (PRINT): Scott Bowers
ler Signature ←
Date Sampled 6-23-98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	CCR Metals	TPH-5	BTEX	VOCs	SVOCs	TCLP	STLC Pb (40)	STLC Cu (1)	REMARKS
TTB62-2-1	750	S								X	X	X	X			X		
TTB62-2-3	755									↓	↓	↓	↓			X		
TTB62-2-5	800		8-1													X		RUSH
TTB62-2-10	805																	Archive
TTB62-1-1	825		B							X	X	X	X			X		
TTB62-1-3	830															X		
TTB62-1-5	835															X		
TTB62-1-10	840	↓								↓	↓	↓	↓			X		RUSH

40 STLC Pb
1 STLC Cu
Rushes by A.A. 7/1/98 7/22/98

PMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
Ex	804837270785	6-23	

nal Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/23/98	1600	Hung Lam / Pace	6-24	900

SAMPLE CONDITION

Temp: 6 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

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423803

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PST	Report To: Frank Pass	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 132a W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-6001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Treasure Island		*Requested Due Date:
Sampler Signature:	Date Sampled: 6/23/98		

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
TTB62-1-15	845	S															Archive
TTB66-4-1	850									X	X	X					
TTB66-4-3	855		8-7							↓	↓	↓				⊗	
TTB66-4-5	900		B													⊗	
TTB66-4-10	905																RUSH
TTB66-4-15	910																Archive
TTB66-1-1	945	↓								X	X	X	X			⊗	
TTB66-1-3	950		8-70							X	X	X	X			⊗	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PST	6/23/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

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423804

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86-001		Pace Project No.
	Project Name / No.: Transbay Term.		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature]

Date Sampled: 6/23/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
TTB66-1-5	955	S								X	X	X	X			⊗	
TTB66-1-10	1000									X	X	X	X			⊗	RUSH
TTB66-1-15	1005																Archive
TTB68-1-1	1010		81							X	X	X	X			⊗	
TTB68-1-3	1015		C							X	X	X	X			⊗	
TTB68-1-5	1020									X	X	X	X			⊗	
TTB68-1-10	1025									X	X	X	X			⊗	RUSH
TTB68-1-15	1030	V															Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSI	6/23/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

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423805

CHAIN-OF-CUSTODY RECORD
Analytical Request

ent PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
dress 1320 W. Winton Ave	Bill To: ←		Pace Project Manager
Hayward, CA 94545	P.O. # / Billing Reference 575-8601		Pace Project No.
one (510) 785-1111	Project Name / No. Transbay Term		Requested Due Date:

mpled By (PRINT): Scott Bowers

mpler Signature ← Date Sampled 6/23/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
TB69-1-1	1035	S								X	X	X	X				
TB69-1-3	1040									↓	↓	↓	↓				
TB69-1-5	1045														⊗		
TB69-1-10	1050		8-7							√	√	√	√		⊗		RUSH
TB69-1-15	1055		C														Archive
TB68-2-1	1215									X	X	X	X				
TB68-2-3	1220									X	X	X	X		⊗		
TB68-2-5	1225	↓	8-7	10						X	X	X	X		⊗		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

tional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← PST	6/23/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

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423808

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 N. Winton Ave. Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601		Pace Project No.
	Project Name / No.: Transbay Term		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature:

Date Sampled: 6/23/98

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
	TTB 68-2-10	1230	S								X	X	X		X			RUSH
	TTB 68-2-15	1235																Arch.x
	TTB 69-2-1	1240		8-1							X	X	X		X	⊗		
	TTB 69-2-3	1245		D												⊗		
	TTB 69-2-5	1250														⊗		Rush
	TTB 69-2-10	1255																Arch.x
	~~TTB 69-2-15~~	130~~0~~																
	TTB 68-3-1	1300									X	X	X		X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PST	6/23/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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423806

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1411	P.O. # / Billing Reference: 575-8600		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Tracy Term.		*Requested Due Date:
Sampler Signature:	Date Sampled: 6/23/98		

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: LCR Metals	TPH-D	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
TTB68-3-3	1305	S								X	X	X	X			⊗	
TTB68-3-5	1310									↓	↓	↓	↓			⊗	
TTB68-3-10	1315									↓	↓	↓	↓			⊗	RUSH
TTB68-3-15	1320		2-7														Archive
TTB67-3-1	1335		0							X	X	X	X				
TTB67-3-3	1340									↓	↓	↓	↓			⊗	
TTB67-3-5	1345									↓	↓	↓	↓			⊗	
TTB67-3-10	1350	V								↓	↓	↓	↓			⊗	RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/23/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1370 W. Winton Ave Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-3601		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Tracy Term		*Requested Due Date:
Sampler Signature:	Date Sampled: 6-23-98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR metals	TTLC	STLC	TPH-G	BTEX	VOCs	SVOCs	PCBs	REMARKS
1	TTB67-3-15	1355	S																Archive
2	TTB68-4-1	1410									X	X		X					
3	TTB68-4-3	1415									X	X		X				⊗	
4	TTB68-4-5	1420		81							X	X		X				⊗	
5	TTB68-4-10	1425		E							X	X		X				⊗	RUSH
6	TTB68-4-15	1430																	Archive
7	TTB67-2-1	1435									X	X		X		X			
8	TTB67-2-3	1440	V								X	X		X		X		⊗	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/23/98				

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PST	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8601		Pace Project No.
Sampled By (PRINT): Scott Rowe	Project Name / No.: Transbay Terminal		*Requested Due Date:
Sampler Signature:	Date Sampled: 6/23/98		

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	STLC Pb	STLC Cr	STLC Cu	REMARKS
TTB67-2-5	1445	S								X	X	X		X		⊗			
TTB67-2-10	1450									X	X	X		X		⊗			RUSH
TTB67-2-15	1455																		Archive
TTB62-4-1	1505		8-7							X	X	X				⊗			
TTB62-4-3	1510		E							X	X	X				⊗			
TTB62-4-5	1515									X	X	X				⊗			
TTB62-4-10	1520									X	X	X				⊗			RUSH
TTB62-4-15	1525																		Archive

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← / PST	6/23/98	1600			

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

nt PST	Report To: Frank Ross	Turn around Time	Pace Client No.
ess 1320 W. Winton Ave	Bill To: ←	☐ 24 Hours	Pace Project Manager
Hayward, CA 94545	P.O. # / Billing Reference 575-8000	☐ 48 Hours	Pace Project No.
ne (510) 785-1111	Project Name / No. Travelpay Term	☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	*Requested Due Date:

pled By (PRINT): Scott Bowes

pler Signature: ← Date Sampled: 6/23/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	REMARKS
WTB69-1	1105	W								X	X	X	X	X	X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

tional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← PST	6/23/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS TBT
Site Location:

PACE ANALYTICAL Project #: 980625-01
PACE ANALYTICAL WO #: 13488B
Client ID #: 8G001 TBT

Date: 8/19/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/24/98 and received on 06/25/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Mercury & Lead (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by:
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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Pace Analytical Services, Inc
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980625-01
PACE ANALYTICAL WO#:134668
Client ID#:8G001 TBT

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/L	STLC Mercury* mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date					
Method Blank	08/10/98	08/13/98	<0.20	0.20	<0.002	0.002	1
TTB67-4-3	08/10/98	08/13/98	3.6	0.20	<0.002	0.002	1
TTB67-4-10	08/10/98	08/13/98	25	0.20	—	—	1
TTB69-4-S	08/10/98	08/13/98	20	0.20	—	—	1
TTB69-4-3	08/10/98	08/13/98	9.1	0.20	—	—	1
TTB69-4-5	08/10/98	08/13/98	11	0.20	—	—	1
TTB69-4-10	08/10/98	08/13/98	5.2	0.20	—	—	1
TTB69-3-S	08/10/98	08/13/98	31	0.20	—	—	1
TTB69-3-5	08/10/98	08/13/98	2.8	0.20	—	—	1
TTB69-3-10	08/10/98	08/13/98	3.5	0.20	—	—	1
TTB67-1-S	08/10/98	08/13/98	3.0	0.20	—	—	1
TTB57-1-3	08/10/98	08/13/98	6.2	0.20	—	—	1
TTB67-1-5	08/10/98	08/13/98	4.9	0.20	—	—	1
TTB67-1-10	08/10/98	08/13/98	13	0.20	—	—	1
DTB59-2-S	08/10/98	08/13/98	5.7	0.20	—	—	1
DTB59-2-3	08/10/98	08/13/98	5.6	0.20	<0.002	0.002	1
DTB57-2-3	08/10/98	08/13/98	4.8	0.20	0.006	0.002	1
DTB58-2-3	08/10/98	08/13/98	8.4	0.20	—	—	1
DTB57-1-S	08/10/98	08/13/98	0.9	0.20	—	—	1
DTB57-1-3	08/10/98	08/13/98	—	—	0.002	0.002	
DTB58-1-S	08/10/98	08/13/98	1.3	0.20	—	—	1
DTB58-1-3	08/10/98	08/13/98	12	0.20	—	—	1

*Mercury analyzed on 08/17/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project# 980625-01
PACE ANALYTICAL WO#:13488B
Client ID#:RG001 TBT

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/13/98	08/13/98			
Analyte					
STLC Lead	94	98	70-130	4.2	0-25

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/17/98	08/17/98			
Analyte					
STLC Mercury	121	122	70-130	1.0	0-25

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
PRL	=	Pace Reporting Limit

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Pace Analytical

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980625-01

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☒ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
	Project Name / No.: CALTRANS TBT		Requested Due Date: 7/10/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT
Date Sampled: 6/24/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	HCl (VOA)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020	8260 (13)	8270 (17)	STLC 4 Hg	STLC 20 Pb	STLC 17 (8)	REMARKS
1	TTB67-4-5	0759	SOIL								X	X	X						
2	TTB67-4-8.0	0803									X	X	X			⊕	⊕		STLC Hg
3	TTB67-4-5.0	0803									X	X	X						
4	TTB67-4-10.0	0806									X	X	X				⊗		5-Day RUSH
5	~~TTB67-4-15.0~~										~~X~~	~~X~~	~~X~~						ARCHIVE (HOLD)
6	TTB69-4-5	0829									X	X	X				⊗		
7	TTB69-4-3.0	0851									X	X	X				⊗		
8	TTB69-4-5.0	0831									X	X	X				⊗		

20 STLC Pb
4 STLC Hg
Rushes due A.A. 7/1/98 EDQ 7/23/98

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
FedEx		6/24/98	1

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/24/98	1600	FED EX	6/24/98	
				Hung Lam / Pace	6/25/98	900

SAMPLE CONDITION

Temp: 7.0 °C | Received on Ice: (Y) N | Sealed Cooler: (Y) N | Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

ce Analytical

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980625-01

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W WINTON AVE	Bill To: SAME		Pace Project Manager
HAYWARD CA. 94545	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
Phone: 510 785-1111	Project Name / No.: CALTRANS TBT		Requested Due Date: 7/10/98

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT — Date Sampled: 6/24/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: @TPH-S	CAM 17	8020	8260	8270	8080	STLC Pb	REMARKS
1	TTB69-4-10.0	0839	SOIL		1						X	X		X			⊗		RUSH
2	TTB69-4-15.0	0842	SOIL		1						X	X		X					ARCHIVES
3	TTB69-4-W	0902	H2O		13	8-10					X	X	X	X	X	X			
4	TTB69-3-5	0945	SOIL		1		A				X	X	X		X		⊗		
5	TTB69-3-3.0	0945			1						X	X	X		X				
6	TTB69-3-5.0	0948			1						X	X	X		X		⊗		
7	TTB69-3-10.0	0951			1						X	X	X		X		⊗		RUSH
8	TTB69-3-15.0	0958			1						X	X	X		X				ARCHIVES

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/24/98	1600	FED EX	6/24/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Ce Analytical

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423812

CHAIN-OF-CUSTODY RECORD
Analytical Request

ent PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
dress 1320 W. WINTON AVE	Bill To: SAME		Pace Project Manager
HAYWARD CA 94545	P.O. # / Billing Reference 86001 TBT		Pace Project No.
one 510 785-1111	Project Name / No. CALTRANS TBT		*Requested Due Date: 7/10/98

mpled By (PRINT): CHRIS MERRITT

mpler Signature: CHRIS MERRITT Date Sampled: 6/24/98

SAMPLE DESCRIPTION	TIME	MATRIX	PAGE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-D	TPH-G	CAM 17	8020	8260	8270	8080	STLC Pb		REMARKS
TTB67-1-5.0S	1009	SOIL		1	✓	10	A			X	X	X		X			⊗		
TTB67-1-3.0	1024			1						X	X	X		X			⊗		
TTB67-1-5.0	1024			1						X	X	X		X			⊗		
TTB67-1-10.0	1026		8-(1)	1						X	X	X		X			⊗		RUSH
TTB67-1-15.0	1028		B	1						X	X	X		X					ARCHIVES
OTB56-2-5	1137									X	X	X		X					
OTB56-2-3.0	1138									X	X	X		X					
OTB59-2-5	1154									X	X	X		X	X		⊗		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ilional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/24/98	1600	FED EX	6/24/98	

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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ORIGINAL

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396393

CHAIN-OF-CUSTODY RECORD
Analytical Request

Company: PSI	Report To: FRANK ROSS
Address: 1320 W. WINTON AVE	Bill To: SAME
HAYWARD CA 94545	P.O. # / Billing Reference: 96-001 TBT
Phone: 510 785-1111	Project Name / No.: CALTRANS TBT

Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.:
*Requested Due Date: 7/10/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature:
Date Sampled: CHRIS MERRITT 6/24/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	HCl	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020	8260	8270	8080	STLC Hg	STLC Pb	REMARKS
	DTB59-2-3.0	1152									X	X	X		X	X	⊕	X	Hg STLC
	DTB57-2-5	1127									X	X	X		X				
	DTB57-2-3.0	1125									X	X	X		X		⊕	X	Hg STLC
	DTB58-2-5	1107		5.10							X	X		X					
	DTB58-2-3.0	1104		B							X	X		X				⊗	
	DTB59-1-5	1116									X	X		X		X		⊗	
	DTB57-1-3.0	1116									X	X		X		X	⊕		Hg STLC
	DTB58-1-5	1100									X	X	X		X			⊗	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/24/98	1600	FED EX	6/24/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

ORIGINAL

SEE REVERSE SIDE FOR INSTRUCTIONS

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Analytical

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423317

CHAIN-OF-CUSTODY RECORD
Analytical Request

PSI	Report To: FRANK POSS
dress 1320 W. WINTON AVE	Bill To: SAME
HAYWARD CA 94545	P.O. # / Billing Reference 8G001 TBT
ne 510 785-1111	Project Name / No. CALTRANS TBT

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 7/10/98

mpled By (PRINT): CHRIS MERRITT
pler Signature: CHRIS MERRITT
Date Sampled: 6/24/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-D	CAM 17	8020	8260	8270	8080	STLC Pb	REMARKS
DTB58-1-3.0	1101	SOIL	8-10	1						X	X	X	X			⊗	
			C-														

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Special Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	6/24/98	1600	FED EX	6/24/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: TRANSBAY TERMINAL
Site Location:

PACE ANALYTICAL Project #: 980630-02
PACE ANALYTICAL WO #: 13512B
Client ID #: 575-8G001

Date: 8/19/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 06/27/98 and received on 06/30/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead (Soil)	2
STLC Copper, Mercury & Zinc (Soil)	3-4
List of Abbreviations and Definitions	5

Reviewed by,
Richard Villafana, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980630-02
PACE ANALYTICAL WO#:135128
Client ID#:575-8G001

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/10/98	08/13/98	<0.20	0.20	1
TTB66-2-3	08/10/98	08/13/98	21	0.20	1
TTB66-2-5	08/10/98	08/13/98	39	0.20	1
TTB66-3-3	08/10/98	08/13/98	11	0.20	1
TTB66-3-5	08/10/98	08/13/98	6.8	0.20	1
TTB66-3-10	08/10/98	08/13/98	8.5	0.20	1
TNF36-1-1	08/10/98	08/13/98	7.6	0.20	1
TNF36-1-1	08/10/98	08/13/98	2.8	0.20	1
DTB39-2-3	08/10/98	08/13/98	1.2	0.20	1
DTB42-1-1	08/10/98	08/13/98	0.5	0.20	1
DTB42-2-1	08/10/98	08/13/98	4.4	0.20	1
DTB42-2-3	08/10/98	08/13/98	5.4	0.20	1
DTB43-1-1	08/10/98	08/13/98	9.3	0.20	1
DTB43-1-3	08/10/98	08/13/98	11	0.20	1
DTB43-2-1	08/10/98	08/13/98	32	0.20	1
DTB43-2-3	08/10/98	08/13/98	73	0.20	1
DTB44-1-1	08/10/98	08/13/98	7.1	0.20	1
DTB44-1-3	08/10/98	08/13/98	3.0	0.20	1
DTB44-2-1	08/10/98	08/13/98	24	0.20	1
DTB44-2-3	08/10/98	08/13/98	240	0.20	1
DTB45-1-3	08/10/98	08/13/98	22	0.20	1
DTB45-2-1	08/10/98	08/13/98	17	0.20	1
DTB45-2-3	08/10/98	08/13/98	19	0.20	1
DTB56-1-1	08/10/98	08/13/98	4.4	0.20	1
DTB55-2-3	08/10/98	08/13/98	2.3	0.20	1
DTB54-2-3	08/10/98	08/13/98	15	0.20	1
DTB53-2-3	08/10/98	08/13/98	16	0.20	1
DTB53-1-1	08/10/98	08/13/98	150	0.20	1
DTB53-1-3	08/10/98	08/13/98	450	0.20	1
DTB49-2-1	08/10/98	08/13/98	<0.20	0.20	1
DTB48-2-1	08/10/98	08/13/98	10	0.20	1
DTB48-2-3	08/10/98	08/13/98	10	0.20	1
DTB46-2-1	08/10/98	08/13/98	19	0.20	1
DTB46-2-3	08/10/98	08/13/98	18	0.20	1
DTB47-1-1	08/10/98	08/13/98	25	0.20	1
DTB47-1-3	08/10/98	08/13/98	34	0.20	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980630-02
PACE ANALYTICAL WO#:135128
Client ID#:575-8G001

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Client ID:	DTB43-1-3	DTB43-2-1	DTB43-2-3	DTB45-1-3	DTB47-1-3	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Preparation Date:	08/10/98	08/10/98	08/10/98	08/10/98	08/10/98	08/10/98		
Analysis Date:	08/13/98	08/13/98	08/13/98	08/13/98	08/13/98	08/13/98		
Analyte								
Copper (Cu)	77	19	31	25	10	<0.02	0.02	6010
DF	1	1	1	1	1	1		

Client ID:	DTB59-1-1	DTB43-1-3	DTB43-2-1	DTB43-2-3	TNF36-1-1	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Analysis Date:	08/17/98	08/17/98	08/17/98	08/17/98	08/17/98	08/17/98		
Analyte								
Mercury (Hg)	0.022	<0.002	0.009	0.002	0.005	<0.002	0.002	7471
DF	10	1	10	10	10	1		

Client ID:	DTB63-1-1	Method Blank	PRL	EPA Method
Units:	mg/L	mg/L	mg/L	
Preparation Date:	08/10/98	08/10/98		
Analysis Date:	08/13/98	08/13/98		
Analyte				
Zinc (Zn)	200	<2.0	2.0	6010
DF	1	1		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980630-02
PACE ANALYTICAL WO#:135128
Client ID#:575-BC001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Analyte	EPA Method	Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		08/13/98	08/13/98			
Copper (Cu)	6010	99	100	70-130	1.0	0-25
Lead (Pb)	6010	110	104	74-106	5.6	0-9
Mercury (Hg)*	7471	121	122	80-122	1.0	0-10
Zinc (Zn)	6010	101	100	70-130	1.0	0-25

*Mercury analyzed on 08/17/98.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
PRL	=	Pace Reporting Limit

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Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1526 W. Winton Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86-001		Pace Project No.
	Project Name / No.: TRANS BAY TERMINAL		Requested Due Date: 7/15/98

Sampled By (PRINT): Scott Bowers

Sampler Signature: _____ Date Sampled: 6-27-98

Rushes Due 7/8/98

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX VOCs	SVOCs	PCBs	STLC Cd(5)	STLC Pb(5)	STLC Ni(6)	STLC Zn(5)	REMARKS
1 HB66-2-1	700	S								X	X		X		X				⊗ AA 7/30/98
2 TB66-2-3	705	↓								↓	↓		↓		↓	⊗			
3 TB66-2-5	710									↓	↓		↓		↓	⊗			RUSH
4 TB66-2-10'	715																		Archive
5 TB66-3-1	725									X	X	X		X					
6 TB66-3-3	730									↓	↓	↓		↓		⊗			
7 TB66-3-5	735															⊗			
8 TB66-3-10	740	↓								↓	↓	↓		↓		⊗			RUSH

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/29/98	1600	Hunglem / PACE	6/30/98	1600

Additional Comments:

SAMPLE CONDITION

Temp: 4.0 °C | Received on Ice: (Y) / N | Sealed Cooler: (Y) / N | Samples Intact: (Y) / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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423792

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSE	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1220 W. Winton Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No.
	Project Name / No.: Transbay Term.		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature] Date Sampled: 6-27-98

ITEM NO:	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	STLC Pb	STLC Hg	REMARKS
1	TB66-3-15'	745	S							NO	NO	NO							Archive
2	TNF38-1-1	750									X	X	X	X			⊗		
3	TNF38-1-3	755									X	X	X	X					
4	TNF38-1-5	800									X	X	X	X					RUSH
5	TNF37-1-1	810									X	X	X						
6	TNF37-1-3	815									X	X	X						
7	TNF37-1-5	820									X	X	X						RUSH
8	TNF36-1-1	825	↓								X	X	X				⊗	⊗	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSE	6/27/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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ace Analytical

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423799

CHAIN-OF-CUSTODY RECORD
Analytical Request

nt PSI	Report To: Frank Poss
dress 1320 W. Winton Ave	Bill To: ←
Hayward, CA 94545	P.O. # / Billing Reference 575-86001
one (510) 785-1111	Project Name / No. Transbay Terminal

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☐ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date:

mpled By (PRINT): Scott Bowes
mpler Signature
Date Sampled 6-27-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
1	TNF36-1-3	830	S								X	X	X	X				RUSH
2	TNF36-1-5	835									X	X	X	X				Archive
3	TNF36-1-10	840									X	X	X	X				
4	DTB39-1-1	850									X	X	X	X				
5	DTB39-1-3	858									X	X	X	X				
6	DTB39-2-1	856									X	X	X	X				
7	DTB39-2-3	859									X	X	X	X			⊗	
8	DTB40-1-1	902	↓								√	√	X	X				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	← PSI	6/29/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave, Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No.
	Project Name / No.: Tanabay Terminal		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature] Date Sampled: 6-27-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	STLC Pb	REMARKS
1	DTB 40-1-3	905	S								X	X		X				
2	DTB 41-1-1	908										X		X	X			
3	DTB 41-1-3	911										X		X	X			
4	DTB 41-2-1	914											X					
5	DTB 41-2-3	917											X					
6	DTB 42-1-1	920										X		X		⊗		
7	DTB 42-1-3	923										X		X				
8	DTB 42-2-1	926	V										X			⊗		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSI	6/27/98	1600			

SAMPLE CONDITION

Temp: _____ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N*

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

13:
980630-02

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423797

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: DST	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-80001		Pace Project No.
Sampled By (PRINT): Scott Bower	Project Name / No.: Transbay Terminal		*Requested Due Date:
Sampler Signature:	Date Sampled: 6-27-98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	STLC Cu	STLC Pb	STLC Hg	REMARKS
1	DTB 42-2-3	929	S								X	X		X				X		
2	DTB 43-1-1	932	|									X		X				X		
3	DTB 43-1-3	935	|									X		X			X	X	X	
4	DTB 43-2-1	938	|										X		X		X	X	X	
5	DTB 43-2-3	941	|										X		X		X	X	X	
6	DTB 44-1-1	944	|									X		X				X		
7	DTB 44-1-3	947	|									X		X				X		
8	DTB 44-2-1	950	↓										X						X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/29/98	1600			

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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980630-02

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423796

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Transtay Terminal		*Requested Due Date:
Sampler Signature:	Date Sampled: 6-27-98		

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM Metals	TPH-S	BTEX	VOCs	SVOCs	PCBs	STLC CM	STLC Pb	REMARKS
1	DTB 44-2-3	953	S								X	X		X				⊗	
2	DTB 45-1-1	956										X		X					
3	DTB 45-1-3	959										X		X		⊗	⊗		
4	DTB 45-2-1	1002											X		X			⊗	
5	DTB 45-2-3	1005											X		X			⊗	
6	DTB 56-1-1	1008										X		X				⊗	
7	DTB 56-1-3	1011										X		X					
8	DTB 55-1-1	1014											X						

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSC	6/29/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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Pace Analytical

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980630-02

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423795

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave Hayward, CA 94545	Bill To: ←		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8G001		Pace Project No.
	Project Name / No.: Transbay Terminal		*Requested Due Date:

Sampled By (PRINT): Scott Bowers

Sampler Signature: [signature]

Date Sampled: 6-27-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH		ANALYSES REQUEST: CAM Metals	TPH-5	BTEX	VOCs	SVOCs	PCBs	STLC Pb	STLC Zn	REMARKS
1	DTB55-1-B	1017	S									X	X		X					
2	DTB55-2-1	1020	|										X		X					
3	DTB55-2-3	1023	|										X		X			⊗		
4	DTB54-2-1	1026	|											X						
5	DTB54-2-3	1029	|											X				⊗		
6	DTB53-2-1	1032	|										X		X	X				
7	DTB53-2-3	1035	|										X		X	X		⊗		
8	DTB53-1-1	1038	√											X				⊗	⊗	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PSI	6/29/98	1600			

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

13072 B
980630-02
4069

423794

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Poss	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton Ave, Hayward, CA 94545	Bill To:		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-86001		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Transbay Terminal		*Requested Due Date:
Sampler Signature:	Date Sampled: 6-27-98		

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CCR Metals	TPH-D	BTEX	VOCs	SVOCs	PCBs	STLC Pb	STLC Zn	STLC Hg	REMARKS
1	DTB 53-1-3	1041	S								X	X		X				⊗		
2	DTB 59-1-1	1044										X		X					⊗	
3	DTB 59-1-3	1047										X		X					⊗	
4	DTB 49-2-1	1050											X		X		⊗			
5	DTB 49-2-3	1053											X		X					
6	DTB 48-2-1	1056										X		X			⊗			
7	DTB 48-2-3	1059										X		X			⊗			
8	DTB 46-2-1	1102	↓										X				⊗			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/29/98	1600			

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

ace Analytical

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13512B
980630-02

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: Frank Ross	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. Winton, Hayward, CA	Bill To: —		Pace Project Manager
Phone: (510) 785-1111	P.O. # / Billing Reference: 575-8600		Pace Project No.
Sampled By (PRINT): Scott Bowers	Project Name / No.: Transbay		*Requested Due Date:
Sampler Signature	Date Sampled: 6-27-98		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: LUFT metals TPH-G BTEX VOCs SVOCs PCBs STLC Cu STLC Pb	REMARKS
1	DTB46-2-3	1105	S								X X X X X X X	
2	DTB47-1-1	1108	↓								↓ ↓ X X X ⊗ ⊗	
3	DTB47-1-3	1111	↓								X X X X ⊗ ⊗	
4												
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI	6/26/98	1100			

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS TBT
Site Location:

PACE ANALYTICAL Project #: 980708-01
PACE ANALYTICAL WO #: 13543B
Client ID #: 8G001 TBT

Date: 8/26/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 07/02/98 and received on 07/08/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead (Soil)	2
STLC Copper& Zinc (Soil)	3-4
STLC Mercury (Soil)	5-6
List of Abbreviations and Definitions	7

Reviewed by,
Richard Villafania, Project Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from those protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. CLAP certification #1225.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:960708-01
PACE ANALYTICAL WO#:135438
Client ID#:6G001 TBT

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/12/98	08/13/98	<0.20	0.20	1
DTB33-2-1	08/12/98	08/13/98	5.0	0.20	1
DTB33-1-1	08/12/98	08/13/98	4.5	0.20	1
DTB33-1-3	08/12/98	08/13/98	23	0.20	1
DTB49-1-1	08/12/98	08/13/98	13	0.20	1
DTB49-1-3	08/12/98	08/13/98	43	0.20	1
DTB34-1-S	08/12/98	08/13/98	16	0.20	1
DTB35-2-S	08/12/98	08/13/98	9.3	0.20	1
DTB35-1-S	08/12/98	08/13/98	99	0.20	1
DTB36-2-S	08/12/98	08/13/98	19	0.20	1
DTB36-2-3	08/12/98	08/13/98	36	0.20	1
DTB36-1-S	08/12/98	08/13/98	44	0.20	1
DTB36-1-3	08/12/98	08/13/98	15	0.20	1
DTB37-2-S	08/12/98	08/13/98	83	0.20	1
DTB37-2-3	08/12/98	08/13/98	2.7	0.20	1
DTB37-1-S	08/12/98	08/13/98	31	0.20	1
DTB37-1-3	08/12/98	08/13/98	31	0.20	1
DTB38-1-S	08/12/98	08/13/98	110	0.20	1
DTB38-1-3	08/12/98	08/13/98	18	0.20	1
DTB47-2-1	08/12/98	08/13/98	11	0.20	1
DTB46-1-1	08/12/98	08/13/98	32	0.20	1
DTB46-1-3	08/12/98	08/13/98	12	0.20	1
DTB50-1-1	08/12/98	08/13/98	8.2	0.20	1
DTB50-1-3	08/12/98	08/13/98	13	0.20	1
DTB48-1-3	08/12/98	08/13/98	74	0.20	1
DTB52-2-1	08/12/98	08/13/98	17	0.20	1
DTB52-2-3	08/12/98	08/13/98	23	0.20	1
DTB52-1-1	08/12/98	08/13/98	130	0.20	1
DTB52-1-3	08/12/98	08/13/98	9.6	0.20	1
DTB51-2-1	08/12/98	08/13/98	10	0.20	1
DTB51-2-3	08/12/98	08/13/98	16	0.20	1
DTB50-2-1	08/12/98	08/13/98	19	0.20	1
DTB50-2-3	08/12/98	08/13/98	42	0.20	1
DTB51-1-1	08/12/98	08/13/98	10	0.20	1
T23-1-S	08/12/98	08/13/98	9.9	0.20	1
T23-1-2	08/12/98	08/13/98	9.1	0.20	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980708-01
PACE ANALYTICAL WO#:135438
Client ID#:8G001 TBT

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

Client ID:	DTB49-1-3	DTB35-1-S	DTB38-1-S	DTB48-1-3	DTB52-2-3	PRL	EPA
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Method
Preparation Date:	08/12/98	08/12/98	08/12/98	08/12/98	08/12/98		
Analysis Date:	08/13/98	08/13/98	08/13/98	08/13/98	08/13/98		
Analyte							
Copper (Cu)	34	6.8	9.1	490	60	0.02	6010
DF	1	1	1	1	1		

Client ID:	DTB52-1-1	DTB51-2-3	Method Blank	PRL	EPA
Units:	mg/L	mg/L	mg/L	mg/L	Method
Preparation Date:	08/12/98	08/12/98	08/12/98		
Analysis Date:	08/13/98	08/13/98	08/13/98		
Analyte					
Copper (Cu)	180	850	<0.02	0.02	6010
Zinc (Zn)	250	---	<2.0	2.0	6010
DF	1	1	1		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980709-01
PACE ANALYTICAL WO#:135438
Client ID#:8G001 TBT

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF MISC. STLC METALS

		Matrix Spike % Rec.	Matrix Spike Dup. % Rec.	Acceptable Range	RPD %	Acceptable Range
Analysis Date:		08/13/98	08/13/98			
Analyte	**EPA Method**					
Copper (Cu)	6010	78	77	70-130	1.3	0-25
Lead (Pb)	6010	65	65	74-108	0.0	0-9
Zinc (Zn)	6010	86	86	70-130	0.0	0-25

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980708-01
PACE ANALYTICAL WO#:13543B
Client ID#:8G001 TBT

Analyst:
Preparation Analyst:
Preparation Method:
Matrix:

ANALYSIS OF TOTAL MERCURY BY EPA 7471

Sample ID	Preparation Date	Analysis Date	Total Mercury ug/Kg	PRL ug/Kg	DF
Units					
Method Blank	08/18/98	08/18/98	<0.002	0.002	1
DTB33-2-1	08/18/98	08/18/98	<0.002	0.002	1
DTB36-1-S	08/18/98	09/18/98	0.044	0.002	1
DTB36-1-3	08/18/98	08/18/98	<0.002	0.002	1
DTB36-2-S	08/18/98	08/18/98	<0.002	0.002	1
DTB36-2-3	08/18/98	08/18/98	<0.002	0.002	1
DTB37-1-3	08/18/98	08/18/98	0.020	0.002	1
DTB46-1-3	08/18/98	08/18/98	0.002	0.002	1
DTB48-1-1	08/18/98	08/18/98	<0.002	0.002	1
DTB48-1-3	08/18/98	08/18/98	0.014	0.002	1
DTB49-1-1	08/18/98	08/18/98	0.009	0.002	1
DTB51-2-3	08/25/98	08/25/98	0.004	0.002	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980708-01
PACE ANALYTICAL WO#:135438
Client ID#:SC001 TRT

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	BJ
Preparation Analyst:	BJ
Preparation Method:	7470
Matrix:	STLC Extract

ANALYSIS OF TOTAL MECURY BY EPA 7471

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/18/98	08/18/98			
	08/18/98	08/18/98			
Analyte					
Total Mercury	112	108	70-130	4.0	0-25

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980708-01
PACE ANALYTICAL WO#:135438
Client ID#:BC001 TBT

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/l	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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98708-01 — 35531

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME		Pace Project Manager
	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
Phone: 510 785-1111	Project Name / No.: CALTRANS TBT		*Requested Due Date: 7/22/98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature: CHRIS MERRITT Date Sampled: 7/2/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020	8260	8270	6080	STLC Hg(1)	STLC Pb(35)	STLC Cu(7)	STLC Zn(1)
1	DTB33-2-1	0910	SOIL		1						X	X	X		X		X	X		
2	DTB33-2-3	0915			1						X	X	X		X					
3	DTB33-1-1	0910			1						X	X		X				X		
4	DTB33-1-3	0915			1						X	X		X				X		
5	DTB34-2-1	0900			1						X	X	X		X					
6	DTB34-2-3	0905			1						X	X	X		X					
7	DTB49-1-1	0740			1						X	X		X			X	X		
8	DTB49-1-3	0745			1						X	X		X				X	X	

35 STLC Pb
7 STLC Cu
1 STLC Zn A.A.

REMARKS 7/30 KB

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS
FedEx			

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	7/7/98	1100	FED EX	7/7/98	
				Hunglam/Pace	7/8/98	900

Additional Comments

SAMPLE CONDITION

Temp: 6.0 °C	Received on Ice: (Y) N	Sealed Cooler: (Y) N	Samples Intact: (Y) N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

480708 - UT

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
	P.O. # / Billing Reference: 8C-001 TBT		Pace Project No.
Phone: 510 785-1111	Project Name / No.: CALTRANS TBT		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	TPH-D	8020	8260	8270	8040	STLC Ag	STLC Cr	STLC Cu	REMARKS
1	DTB 34-1-5	0829	SOIL								X	X		X		X		X		
2	DTB 39-1-3.0	0836									X	X		X		X				
3	DTB 35-2-5	0816									X	X	X	X (SM)	X			X		
4	DTB 35-2-3.0	0816									X	X	X		X					
5	DTB 35-1-5	0800									X	X		X			X	X	X	
6	DTB 36-2-5	0747									X	X		X			X	X		
7	DTB 36-2-3.0	0754									X	X		X			X	X		
8	DTB 36-1-5	0732									X	X	X		X	X		X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	7/7/98	1100	FED EX	7/7/98	

SAMPLE CONDITION

Temp: _____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

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ORIGINAL

980708-01

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
Phone: 510-785-1111	Project Name / No.: CALTRANS TBT		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature / Date Sampled: CHRIS MERRITT 7/2/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH/5	8020	4260	4270	8080	CAM 17	STLC Hg	STLC Pb	STLC Cd	REMARKS
1	DTB36-1-3.0	0741	SOIL		1						X	X		X	X	X	⊗	⊗		
2	DTB37-2-5	0716			1						X		X			X		⊗		
3	DTB37-2-3.0	0727			1						X		X			X		⊗		
4	DTB37-1-5	0703 ~~0647~~			1		*				X	X		X		X		⊗		
5	DTB37-1-3.0	0708			1						X	X		X		X	⊗	⊗		
6	DTB38-1-5	0647			1						X	X		X	X	X		⊗	⊗	
7	DTB38-1-3.0	0659			1						X	X		X	X	X		⊗		
8			↓																	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	7/1/98	1100	FED EX	7/1/98	

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Additional Comments

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

Pace Analytical

Page 4/7 980708-01

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
	P.O. # / Billing Reference: 46001 TBT		Pace Project No.
Phone: 510 785-1111	Project Name / No.: CALTRANS TBT		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature / Date Sampled: CHRIS MERRITT 7/2/98

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	TPH-D	8020	8260	8270	8080	SILICA			REMARKS
1	DTB47-2-1	0815	SOIL		1						X	X		X				⊗		
2	DTB47-2-3	0820			1						X	X		X						
3	DTB46-1-1	0800			1						X	X	X		X			⊗		
4	DTB46-1-3	0805			1						X	X	X		X		⊗	⊗		
5	DTB40-2-1	0825			1						X	X		X		X				
6	DTB40-2-3	0830			1						X	X		X		X				
7	DTB50-1-1	0720			1						X	X	X		X			⊗		
8	DTB50-1-3	0725	↓		1						X	X	X		X			⊗		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	7/7/98	1100	FED EX	7/7/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

ORIGINAL

Pace Analytical

Page 5/7 980708-01

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 98001 TBT		Pace Project No.
	Project Name / No.: CALTRANS TBT		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT

Sampler Signature: CHRIS MERRITT Date Sampled: 7/2/98

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	TPH 5	8020	8260	8270	6050	STLC Hg	STLC Cd	STLC Zn	REMARKS
1	DTB48-1-1	0750	SOIL		1						X	X	X		X	⊗				
2	DTB48-1-3	0755			1						X	X	X		X	⊗	⊗	⊗		
3	DTB52-2-1	0630			1						X	X		X			⊗			
4	DTB52-2-3	0640			1						X	X		X			⊗	⊗	⊗	← NO Zn
5	DTB52-1-1	0710			1						X	X	X		X	X	⊗	⊗	⊗	
6	DTB52-1-3	0715			1						X	X	X		X	X	⊗			
7	DTB51-2-1	0645			1						X	X		X			⊗			
8	DTB51-2-3	0650			1						X	X		X			⊗	⊗	⊗	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	7/7/98	1100	FED EX	7/7/98	

Additional Comments

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

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980708-01

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 W. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
	P.O. # / Billing Reference: 46001 TBT		Pace Project No.
Phone: 510 785-1111	Project Name / No.: CALTRANS TBT		*Requested Due Date:

Sampled By (PRINT): CHRIS MERRITT SCOTT BOWERS

Sampler Signature: CHRIS MERRITT Date Sampled: 7/2/98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: CAM 17	TPH-5	8020	8260	8270	5050	SILC PL		REMARKS
1	DTB50-2-1	0730	S		1						X	X		X					
2	DTB50-2-3	0735			1						X	X		X					
3	DTB51-1-1	0655			1						X	X	X		X				
4	DTB51-1-3a	0700			1						X	X	X		X				
5	T12-2-1	0950			1						X	X		X		X			
6	T12-2-3	0955			1						X	X		X		X			
7	T12-2-5	1000			1						X	X		X		X			
8	T12-2-10	1005	V		1						X	X		X		X			

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	7/2/98	1100	FED EX	7/7/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

8/97

Pace Analytical

980708-01

42548Z

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CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address: 1320 J. WINTON AVE HAYWARD CA 94545	Bill To: SAME		Pace Project Manager
Phone: 510 785-1111	P.O. # / Billing Reference: 86001 TBT		Pace Project No.
Sampled By (PRINT): CHRIS MERRITT	Project Name / No.: CALTRANS TBT		*Requested Due Date:
Sampler Signature: CHRIS MERRITT	Date Sampled: 7/2/98.		

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	CAM 17	8020	4260	8270	8060	STLC Pb			REMARKS
1	D23-5	1045	SOIL		1						X	X	X		X					
2	D23-2.0	1049	↓		1						X	X	X		X					
3	T23-1-5	1056			1						X	X	X		X	X	⊗			
4	T23-1-2.0	1058	↓		1						X	X	X		X	X	⊗			
5																				
6																				
7																				
8																				

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	7/7/98	1100	FED EX	7/7/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Additional Comments

SEE REVERSE SIDE FOR INSTRUCTIONS

8/97

ORIGINAL

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980825-11
PACE ANALYTICAL WO #: 13194C
Client ID #: 8G001

Date: 8/25/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/11/98 and additional analysis was requested on 08/25/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TCLP Lead (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Operations Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980826-11
PACE ANALYTICAL WO#:13194C
Client ID#: BG001

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/24/98	08/24/98	<0.02	0.02	1
TH26-1-S	08/24/98	08/24/98	0.36	0.02	1
TH26-1-3	08/24/98	08/24/98	1.0	0.02	1
TH26-1-5.0	08/24/98	08/24/98	0.05	0.02	1
TH27-1-S	08/24/98	08/24/98	1.1	0.02	1
D3-3	08/24/98	08/24/98	0.13	0.02	1
D5-S	08/24/98	08/24/98	0.25	0.02	1
T26-1-SUR	08/24/98	08/24/98	0.05	0.02	1

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980825-11
PACE ANALYTICAL WO#:13194C
Client ID#: BG001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/24/98	08/24/98			
Analyte					
TCLP Lead	78	75	70-130	3.9	0-25

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980625-11
PACE ANALYTICAL WO#:13194C
Client ID#: BG001

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/l	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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980825-11

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI HAYWARD	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☒ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address:	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH		ANALYSES REQUEST: TCLP Pb (D4)	REMARKS
1	TH26-1-S											X	
2	TH26-1-3											X	
3	TH26-1-5.0											X	
4	TH27-1-S											X	
5	D3-3											X	
6	D6-S											X	
7	T26-1-SUR											X	
8													

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	VERBAL				8/28/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

8.97

Pace Analytical

13194 A
980511-02

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423411

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI	Report To: FRANK POSS
Address: 1320 W. WINTON AVE HAYWARD CA. 94545	Bill To: SAME
Phone: 510 785-1111	P.O. # / Billing Reference: 86001
	Project Name / No.: CALTRANS SFW

Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☒ 1 Week ☐ 2 Weeks ☐ Normal 14 Days
PGR FRANK POSS

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: 5-18-98

Sampled By (PRINT): CHRIS MERRITT
Sampler Signature / Date Sampled: CHRIS MERRITT

SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TPH-5	8260	8270	8080 PCB	CAM 17	STLC Pb	REMARKS
D2-S	0837	SOIL	A 5/21	1						X	X	X	X	X		
D2-3.0	0945			1						X	X	X	X	X		
D3-S	0953			1						X	X	X		X		
D3-3.0	1019			1						X	X	X		X		
D6-S	1336			1						X	X	X	X	X		
D7-S	1511		B 5/21	1						X	X	X		X		
D7-1.0 (ARCHIVE)	1520			1						X	X	X		X		

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	CHRIS MERRITT	5/8/98		Hung Lam / Pace	5-11-98	1000

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980825-07
PACE ANALYTICAL WO #: 13162C
Client ID #: SG001

Date: 8/26/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/07/98 and additional analysis was requested on 08/25/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TCLP Lead (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Operations Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0785

Pace Analytical

PACE ANALYTICAL Project#:980825-07
PACE ANALYTICAL WO#:13162C
Client ID#: BG001

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/24/98	08/24/98	<0.02	0.02	1
L1-2	08/24/98	08/24/98	1.4	0.02	1
L2-S	08/24/98	08/24/98	0.09	0.02	1
L2-2	08/24/98	08/24/98	0.86	0.02	1
L3-S	08/24/98	08/24/98	0.06	0.02	1
L3-2	08/24/98	08/24/98	0.87	0.02	1
L5-S	08/24/98	08/24/98	0.87	0.02	1
L5-2	08/24/98	08/24/98	0.03	0.02	1
L6-S	08/24/98	08/24/98	0.12	0.02	1
L6-2	08/24/98	08/24/98	0.17	0.02	1
L8-S	08/24/98	08/24/98	<0.02	0.02	1
L9-S	08/24/98	08/24/98	0.03	0.02	1
L11-S	08/24/98	08/24/98	0.07	0.02	1
L-14-S	08/24/98	08/24/98	0.09	0.02	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980825-07
PACE ANALYTICAL WO#:13162C
Client ID#: 8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/24/98	08/24/98			
Analyte					
TCLP Lead	75	76	70-130	1.3	0-25

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:960825-07
PACE ANALYTICAL WO#:13152C
Client ID#: 8G001

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/l	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, Inc.

Pace Analytical

P 1/2 13162C 480825 CT

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI HAYWARD
Address:
Phone:
Sampled By (PRINT):
Sampler Signature:
Date Sampled:

Report To: FRANK POSS
Bill To:
P.O. # / Billing Reference:
Project Name / No.:

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [ ] 3-5 Days
- [X] 1 Week
- [ ] 2 Weeks
- [ ] Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.:
*Requested Due Date:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TCLP Pb (13)	REMARKS
1											X	
2											X	
3											X	
4											X	
5											X	
6											X	
7											X	
8											X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	VEAAL				5/6/12	

SAMPLE CONDITION

Temp: °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical

13162C
P.2/2 48895.01

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI HAYWARD
Address:
Phone:
Sampled By (PRINT):
Sampler Signature: Date Sampled:

Report To: FRANK POSS
Bill To:
P.O. # / Billing Reference:
Project Name / No.:

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☒ 1 Week 2 Weeks
- ☐ Normal 14 Days

Pace Client No:
Pace Project Manager:
Pace Project No:
*Requested Due Date:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TCLP Pb	REMARKS
1	[illegible] S										X	
2	[illegible] S										X	
3	[illegible] S										X	
4	[illegible] S										X	
5	[illegible] S										X	
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[illegible]			[illegible]		

SAMPLE CONDITION

Temp: _ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

RE[illegible]RSE [illegible] IN[illegible]UC[illegible]NS

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980825-08
PACE ANALYTICAL WO #: 13163C
Client ID #: 8G001

Date: 8/26/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/08/98 and additional analysis was requested on 08/25/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TCLP Lead (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Operations Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1235

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980825-08
PACE ANALYTICAL WO#:13163C
Client ID#: 8G001

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/24/98	08/24/98	<0.02	0.02	1
T27-2-20	08/24/98	08/24/98	0.33	0.02	1
T27-2-25	08/24/98	08/24/98	<0.02	0.02	1
T27-1-3	08/24/98	08/24/98	0.24	0.02	1
R4-1-2	08/24/98	08/24/98	0.04	0.02	1

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980825-08
PACE ANALYTICAL WO#:13163C
Client ID#: BG001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/24/98	08/24/98			
Analyte					
TCLP Lead	75	76	70-130	1.3	0-25

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980825-08
PACE ANALYTICAL WO#:131630
Client ID#: BG001

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

13163C 410006

980825-08

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI HAYWARD	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☒ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TCLP Pb(4)	REMARKS
1	T27-2-20										X	
2	T27-2-25										X	
3	T27-1-3										X	
4	R4-1-2										X	
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	VERBAL				8/25/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CAL TRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980825-10
PACE ANALYTICAL WO #: 13188C
Client ID #: 8G001

Date: 8/26/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/08/98 and additional analysis was requested on 08/25/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TCLP Lead (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by:
Richard Villafania, Operations Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980825-10
PACE ANALYTICAL WO#:10188C
Client ID#: 8G001

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Sample ID	Preparation Date	Analysis Date	TCLP Lead mg/L	PRL mg/L	DF
Units					
Method Blank	08/24/98	08/24/98	<0.02	0.02	1
T25-2-20	08/24/98	08/24/98	0.46	0.02	1
T25-3-15	08/24/98	08/24/98	0.47	0.02	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980825-10
PACE ANALYTICAL WO#:13188C
Client ID#: 8C001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/24/98	08/24/98			
Analyte					
TCLP Lead	78	75	70-130	3.9	0-25

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:900825-10
PACE ANALYTICAL WO#:13188C
Client ID#: 8G001

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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980825-10

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI HAYWARD	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☒ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address:	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone:	Project Name / No.		*Requested Due Date:

Sampled By (PRINT):

Sampler Signature: Date Sampled:

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TCLP PB (2)	REMARKS
1	T25-2-20										X	
2	T25-3-15										X	
3												
4												
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	UPS			Kaplan	8/28/98	

SAMPLE CONDITION

Temp: ____ °C	Received on ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

897

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980825-09
PACE ANALYTICAL WO #: 13164C
Client ID #: 8G001

Date: 9/28/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Samples were collected on 05/06/98 and additional analysis was requested on 08/25/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TCLP Lead (Soil)	2-3
List of Abbreviations and Definitions	4

for Reviewed by,
Richard Villafania, Operations Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980825-09
PACE ANALYTICAL WO#:13164C
Client ID#: 8G001

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/24/98	08/24/98	<0.02	0.02	1
T28-2-10	08/24/98	08/24/98	<0.02	0.02	1
T28-2-30	08/24/98	08/24/98	0.17	0.02	1
T28-2-40	08/24/98	08/24/98	0.02	0.02	1
T28-2-55	08/24/98	08/24/98	0.06	0.02	1
R5-1-2	08/24/98	08/24/98	<0.02	0.02	1
R5-1-4	08/24/98	08/24/98	0.59	0.02	1
R5-1-10	08/24/98	08/24/98	<0.02	0.02	1
R5-1-20	08/24/98	08/24/98	0.06	0.02	1
R5-2-4	08/24/98	08/24/98	<0.02	0.02	1
R5-2-20	08/24/98	08/24/98	0.13	0.02	1
R5-2-25	08/24/98	08/24/98	0.10	0.02	1
T28-1-3	08/24/98	08/24/98	0.12	0.02	1
T28-1-5	08/24/98	08/24/98	<0.02	0.02	1
T28-1-10	08/24/98	08/24/98	<0.02	0.02	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980825-09
PACE ANALYTICAL WO#:13184C
Client ID#: 8G001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/24/98	08/24/98			
Analyte					
TCLP Lead	78	75	70-130	3.9	0-25

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/24/98	08/24/98			
Analyte					
TCLP Lead	79	78	70-130	1.3	0-25

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597 0786

PACE ANALYTICAL Project#:980825-09
PACE ANALYTICAL WO#:1316402
Client ID#: BG001

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
CCS	=	Calibration Check Standard
ICV	=	Initial Calibration Verification
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

13164 C410006

P. 1/2 980825-09

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI HAYWARD	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☐ 3-5 Days ☒ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone	Project Name / No.		*Requested Due Date:
Sampled By (PRINT):			
Sampler Signature	Date Sampled		

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TCLP PB(14)	REMARKS
	T28-1-3										X	
	T28-1-5										X	
	T28-1-10										X	
	T28-2-10										X	
	T28-2-30										X	
	T28-2-40										X	
	T28-2-55										X	
	R5-1-2										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	VERBAL				8/25	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

Pace Analytical

13164C 410006

P. 2/2 980825-09

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI HAYWARD
Address:
Phone:
Report To: FRANK POSS
Bill To:
P.O. # / Billing Reference:
Project Name / No.:

Turn around Time
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3-5 Days
- ☒ 1 Week ☐ 2 Weeks
- ☐ Normal 14 Days

Pace Client No.:
Pace Project Manager:
Pace Project No.:
*Requested Due Date:

Sampled By (PRINT):
Sampler Signature:
Date Sampled:

ITEM #	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: TCLP PB	REMARKS
	R5-1-4										X	
	R5-1-10										X	
	R5-1-20										X	
	R5-2-4										X	
	R5-2-20										X	
	R5-2-25										X	

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	VERBAL				8/25/98	

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980904-11
PACE ANALYTICAL WO #: 13778a
Client ID #: 559-8G001

Date: 9/11/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Additional analysis was requested on 09/04/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
Total Lead (soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by:
Richard Villafana, Operations Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980904-11
PACE ANALYTICAL WO#: 13778a
Client ID#: 575-SG001

Analyst:	BJ
Preparation analyst:	BJ
Preparation Method:	3050
Matrix:	Soil

ANALYSIS OF TOTAL LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			LEAD mg/Kg	MDL mg/Kg	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank			<1.0	1.0	1
TTB11-1-15	09/04/98	09/09/98	1.7	1.0	1
TTB12-1-10	09/04/98	09/09/98	3.3	1.0	1
TTB14-2-15	09/04/98	09/09/98	32	1.0	1
TTBAA-1-15	09/04/98	09/09/98	<1.0	1.0	1
TTBAA-2-15	09/04/98	09/09/98	1.1	1.0	1
TTBCC-1-10	09/04/98	09/09/98	58	1.0	1
TTBX-1-15	09/04/98	09/09/98	14	1.0	1
TTBX-2-15	09/04/98	09/09/98	<1.0	1.0	1
TTBY-1-15	09/04/98	09/09/98	6.9	1.0	1
TTB62-3-10	09/04/98	09/09/98	55	1.0	1
TTB63-3-10	09/04/98	09/09/98	49	1.0	1
TTB63-4-15	09/04/98	09/09/98	9.3	1.0	1
TTB64-1-15	09/04/98	09/09/98	41	1.0	1
TTB64-2-15	09/04/98	09/09/98	86	1.0	1
TTB64-3-15	09/04/98	09/09/98	37	1.0	1
TTB65-1-15	09/04/98	09/09/98	110	1.0	1
TTB65-2-15	09/04/98	09/09/98	77	1.0	1
TTB65-3-15	09/04/98	09/09/98	21	1.0	1
TTB65-4-15	09/04/98	09/09/98	25	1.0	1
TTBR-2-15	09/04/98	09/09/98	1.1	1.0	1
TTBBB-2-15	09/04/98	09/09/98	<1.0	1.0	1
TTBDD-1-15	09/04/98	09/09/98	25	1.0	1
TTB67-1-15	09/04/98	09/09/98	<1.0	1.0	1
TTB67-4-15	09/04/98	09/09/98	1.3	1.0	1
TTB69-4-15	09/04/98	09/09/98	61	1.0	1
TTB66-2-10	09/04/98	09/09/98	88	1.0	1
TTB66-3-15	09/04/98	09/09/98	6.2	1.0	1

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The Right Chemistry, The Right Solution®

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

442501

Page: 1 of 3

Required Client Information: Section A

Company: PSI HAYWARD

Address:

Phone: Fax:

Required Client Information: Section B

Report To:

Invoice To:

P.O.: 575-9GF001

Project Name:

Project Number:

Client Information (Check quote/contract):

Requested Due Date: *TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge. . .

Turn Around Time (TAT) in calendar days.

To Be Completed by Pace Analytical and Client: Section C

Quote Reference:

Project Manager:

Project #: 13776A/980904-11

Profile #:

Requested Analysis: Pb (12)

Section D Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes 4

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED dd / mm / yy	TIME COLLECTED dd / mm / yy	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	TTB11-1-15					X						13436A
2	TTB12-1-16											13436A
3	TTB14-2-15											13444A
4	TTBAA-1-15											13458A
5	TTBAA-2-15											13458A
6	TTBCC-1-10											13458A
7	TTBX-1-15											13473A
8	TTBX-2-15											13473A
9	TTBY-1-15											13473A
10	TTB62-3											13475A
11	TTB63-3											13475A
12	TTB63-3											

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL					
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

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Page: 2 of 3

Required Client Information: Section A	Required Client Information: Section B	To Be Completed by Pace Analytical and Client Section C
Company: PSI HAYWARD	Report To:	Quote Reference:
Address:	Invoice To:	Project Manager:
	P.O.:	Project #: 13776A/980904-11
	Project Name:	Profile #:
Phone:	Fax:	Project Number:

Client Information (Check quote/contract):
Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calendar days.

Requested Analysis: Pb

Section D Required Client Information:

SAMPLE ID

One character per box.
(A–Z, 0–9 / -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes:

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	TTB63-4-15					X						13475A
2	TTB64-1-1											
3	TTB64-2-1											
4	TTB64-3-15											
5	TTB65-1-1											
6	TTB65-2-1											
7	TTB65-3-1											
8	TTB65-4-1											13476A
9	TTBR-2-15											
10	TTBBB-2-1											
11	TTBDD-1-1											13488A
12	TTB67-1-1											

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL				2/4/98	
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

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Chain-of-Custody / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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Page: 3 of 3

Required Client Information: Section A	Required Client Information: Section B	To Be Completed by Pace Analytical and Client Section C
Company: PSI HAYWARD	Report To:	Quote Reference:
Address:	Invoice To:	Project Manager:
	P.O.:	Project #: 13776A/980904-11
	Project Name:	Profile #:
Phone:	Fax:	Project Number:

Client Information (Check quote/contract):
Requested Due Date: *TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calendar days.

Requested Analysis: 96

Section D Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	TTB67-4-15					X						13488A
2	TTB69-4-15											13488A
3	TTB66-2-10											13512A
4	TTB66-3-15											13512A
5												
6												
7												
8												
9												
10												
11												
12												

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				JERRAL				9/4/98	
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980827-04
PACE ANALYTICAL WO #: 13722A
Client ID #:

Date: 9/11/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Additional analysis was requested on 08/26/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TCLP Lead (Soil)	2-8
List of Abbreviations and Definitions	9

Reviewed by,
Richard Villalania, Operations Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

PACE ANALYTICAL Project#:980827-04
PACE ANALYTICAL WO#:13722A
Client ID#:

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/26/98	08/29/98	<0.02	0.02	1
TTB2-2-3.0	08/26/98	08/29/98	1.6	0.02	1
TTB2-2-5.0	08/26/98	08/29/98	2.4	0.02	1
D58-S	08/26/98	08/29/98	8.1	0.02	1
D58-3.0	08/26/98	08/29/98	1.0	0.02	1
D59-S	08/26/98	08/29/98	0.19	0.02	1
D60-3.0	08/26/98	08/29/98	0.48	0.02	1
D61-S	08/26/98	08/29/98	5.2	0.02	1
D61-3.0	08/26/98	08/29/98	3.5	0.02	1
D64-S	08/26/98	08/29/98	6.8	0.02	1
D64-3.0	08/26/98	08/29/98	11	0.02	1
D68-S	08/26/98	08/29/98	1.7	0.02	1
D68-3.0	08/26/98	08/29/98	0.20	0.02	1
D71-S	08/26/98	08/29/98	1.1	0.02	1
D71-3.0	08/26/98	08/29/98	1.8	0.02	1
D75-S	08/26/98	08/29/98	1.5	0.02	1
D75-3.0	08/26/98	08/29/98	0.19	0.02	1
D76-S	08/26/98	08/29/98	0.10	0.02	1
D77-3.0	08/26/98	08/29/98	0.57	0.02	1
D78-3.0	08/26/98	08/29/98	0.35	0.02	1
D26-S	08/26/98	08/29/98	0.14	0.02	1
D26-2.0	08/26/98	08/29/98	0.13	0.02	1
D25-S	08/26/98	08/29/98	0.30	0.02	1
B10-S	08/26/98	08/29/98	0.44	0.02	1
D37-S	08/26/98	08/29/98	0.83	0.02	1
B2-S	08/26/98	08/29/98	0.15	0.02	1
B6-S	08/26/98	08/29/98	0.06	0.02	1
B8-S	08/26/98	08/29/98	1.2	0.02	1
TF21-1-S	08/26/98	08/29/98	0.27	0.02	1
TF21-1-1.0	08/26/98	08/29/98	0.11	0.02	1
TF22-1-S	08/26/98	08/29/98	0.22	0.02	1

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project# 980827-04
PACE ANALYTICAL WO#:10722A
Client ID#:

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/26/98	08/29/98	<0.02	0.02	1
TTB62-1-3	08/26/98	08/29/98	0.14	0.02	1
TTB62-1-10	08/26/98	08/29/98	0.17	0.02	1
TTB62-2-1	08/26/98	08/29/98	1.1	0.02	1
TTB62-2-3	08/26/98	08/29/98	0.98	0.02	1
TTB62-2-5	08/26/98	08/29/98	1.5	0.02	1
TTB66-1-3	08/26/98	08/29/98	0.40	0.02	1
TTB66-1-5	08/26/98	08/29/98	0.21	0.02	1
TTB66-1-10	08/26/98	08/29/98	0.32	0.02	1
TTB66-4-3	08/26/98	08/29/98	0.11	0.02	1
TTB67-3-3	08/26/98	08/29/98	0.38	0.02	1
TTB67-3-5	08/26/98	08/29/98	0.64	0.02	1
TTB67-3-10	08/26/98	08/29/98	8.8	0.02	1
TTB66-4-5	08/26/98	08/29/98	0.14	0.02	1
TTB68-1-1	08/26/98	08/29/98	0.07	0.02	1
TTB68-1-3	08/26/98	08/29/98	0.11	0.02	1
TTB68-2-3	08/26/98	08/29/98	0.02	0.02	1
TTB68-2-5	08/26/98	08/29/98	4.1	0.02	1
TTB68-3-3	08/26/98	08/29/98	0.13	0.02	1
TTB68-3-10	08/26/98	08/29/98	0.16	0.02	1
TTB69-1-5	08/26/98	08/29/98	0.15	0.02	1
TTB69-1-10	08/26/98	08/29/98	0.72	0.02	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980827-04
PACE ANALYTICAL WO#:13722A
Client ID#:

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/29/98	08/29/98			
Analyte					
TCLP Lead	114	112	70-130	1.8	0-25

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/29/98	08/29/98			
Analyte					
TCLP Lead	110	109	70-130	0.9	0-25

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Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980827-04
PACE ANALYTICAL WO#:13722A
Client ID#:

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/28/98	08/31/98	<0.02	0.02	1
TTB68-4-3	08/28/98	08/31/98	0.25	0.02	1
TTB68-4-5	08/28/98	08/31/98	0.08	0.02	1
TTB68-4-10	08/28/98	08/31/98	0.20	0.02	1
TTB67-2-5	08/28/98	08/31/98	0.51	0.02	1
TTB62-4-1	08/28/98	09/01/98	0.91	0.02	1
TTB62-4-3	08/28/98	09/01/98	0.38	0.02	1
TTB62-4-5	08/28/98	09/01/98	0.33	0.02	1
TTB62-4-10	08/28/98	09/01/98	1.6	0.02	1

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PACE ANALYTICAL Project#:980827-04
PACE ANALYTICAL WO#:13722A
Client ID#:

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	VN
Preparation Analyst:	VN
Preparation Method:	1311/3010
Matrix:	TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	LCS % REC	LCSD % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/31/98	08/31/98			
Analyte					
TCLP Lead	119	117	70-130	1.7	0-25

	LCS % REC	LCSD % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/01/98	09/01/98			
Analyte					
TCLP Lead	114	117	70-130	2.6	0-25

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Tel: 562-498-9515
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PACE ANALYTICAL Project#:980827-04
PACE ANALYTICAL WO#:13722A
Client ID#:

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	09/01/98	09/03/98	<0.02	0.02	1
D28-S	09/01/98	09/03/98	0.16	0.02	1
B11-S	09/01/98	09/03/98	0.71	0.02	1
B11-2-5	09/01/98	09/03/98	0.16	0.02	1
B3-S	09/01/98	09/03/98	0.42	0.02	1
B4-S	09/01/98	09/03/98	0.52	0.02	1
B5-S	09/01/98	09/03/98	0.06	0.02	1

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Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980827-04
PACE ANALYTICAL WO#:13722A
Client ID#:

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/03/98	09/03/98			
Analyte					
TCLP Lead	114	114	70-130	0.0	0-25

REPORT OF LABORATORY ANALYSIS

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

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112501

Page: 1 of 6

Section A — Required Client Information:

Company: PSI HAYWARD

Address:

Phone: Fax:

Section B — Required Client Information:

Report To:

Invoice To:

P.O.:

Project Name: CALTRANS SFW

Project Numbers:

Client Information (Check quote/contract):

Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calendar days

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #: 13722A/980827-04

Profile #:

Requested Analysis: TCLP Pb (59)

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	TTB2-2-3.0	SL				X						13429
2	TTB2-2-5.0											13429
3	D58-S											13335
4	D58-3.0											13335
5	D59-S											13335
6	D60-3.0											13335
7	D61-S											13335
8	D61-3.0											13335
9	D64-S											13335
10	D64-3.0											13335
11	D68-S											13335
12	D68-3.0											13335

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:			1-59	VERBAL REQUEST			Hunsaker/Pace	8/26/98	1607
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments: TCLP Pb FOR 13429, 13335, 13341, 13357, 13366, AND 13482

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

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Page: 2 of 5

Section A — Required Client Information

Company: PSI HAYWARD

Address:

Phone: Fax:

Section B — Required Client Information:

Report To:

Invoice To:

PO:

Project Name: CALTRANS SFW

Project Number:

Client Information (Check quote/contract):

Requested Due Date: *TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge

Turn Around Time (TAT) in calender days

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #: 13722A/980827-04

Profile #:

Requested Analysis: TCLP Pb

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	D71-S	SL				X						13341
2	D71-3.0											
3	D75-S											
4	D75-3.0											
5	D76-S											
6	D76-3.0		Not Enough Sample									
7	D77-3.0											
8	D78-3.0											
9	D26-S											
10	D26-2.0											
11	D25-S											
12	B101-S											

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:									
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

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Page: 3 of 6

Required Client Information: Section A

Company: PSI HAYWARD

Address:

Phone: Fax:

Required Client Information: Section B

Report To:

Invoice To:

P.O

Project Name: CAL TRANS SFW

Project Number:

Client Information (Check quote/contract):

Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calender days.

To Be Completed by Pace Analytical and Client: Section C

Quote Reference:

Project Manager:

Project #: 13722A/980827-04

Profile #:

Section D Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes 4

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

Requested Analysis: TCLP Pb

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	B10-6.0	SL	Not Enough Sample		X							13341
2	D28-S											13341
3	B11-S											13357
4	B11-2.5											13357
5	B3-S											13357
6	B4-S											13357
7	B5-S											13357
8	D37-S											13366
9	B2-S											13366
10	B6-S											13366
11	B8-S											13366
12	TF21-1-S				V							13366

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:									
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed: (MM / DD / YY)

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Page: 4 of 5

Section A — Required Client Information:

Company: PSI HAYWARD

Address:

Phone: Fax:

Section B — Required Client Information:

Report To:

Invoice To:

P.O.

Project Name: CALTRANS SFW

Project Number:

Client Information (Check quote/contract):

Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush turnaround Surcharge

Turn Around Time (TAT) in calendar days.

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #: 13722A/980827-04

Profile #:

Requested Analysis: TCLP Pb

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A–Z, 0–9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	TF21-1-1.0	SL				X						13366
2	TF22-1-S											13366
3	TTB622-2-1											13482
4	TTB622-2-3											
5	TTB622-2-5											
6	TTB622-1-3											
7	TTB622-1-10											
8	TTB666-4-3											
9	TTB666-4-5											
10	TTB666-1-3											
11	TTB666-1-5											
12	TTB666-1-10											

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:									
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY):

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Page: 5 of 5

Section A — Required Client Information:

Company: PSI HAYWARD

Address:

Phone: Fax:

Section B — Required Client Information:

Report To:

Invoice To:

P.O.

Project Name: CALTRANS SFW

Project Number:

Client Information (Check quote/contract):

Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge

Turn Around Time (TAT) in calender days.

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #: 13722A/980827-04

Profile #:

Requested Analysis: TCLP Pb

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A–Z, 0–9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	TTB68-1-1	SL				X						13482
2	TTB68-1-3											
3	TTB69-1-5											
4	TTB69-1-10											
5	TTB68-2-3											
6	TTB68-2-5											
7	TTB68-3-3											
8	TTB68-3-10											
9	TTB67-3-3											
10	TTB67-3-5											
11	TTB67-3-10											
12												

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:									
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed: (MM / DD / YY)

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Section A — Required Client Information

Company:

Address:

Phone: Fax:

Section B — Required Client Information:

Report To:

Invoice To:

P.O.:

Project Name:

Project Number:

Client Information (Check quote/contract):

Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calendar days.

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #: 13722A/980827-04

Profile #:

Requested Analysis

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	TCLP Pb	Remarks / Lab ID
1	TTB688-4-3											X	
2	TTB688-4-5											X	
3	TTB688-4-10											X	
4	TTB677-2-5											X	
5	TTB622-4-1											X	
6	TTB622-4-3											X	
7	TTB622-4-5											X	
8	TTB622-4-10											X	
9													
10													
11													
12													

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:									
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY):

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name:	PROFESSIONAL SERVICES INDUSTRIES, INC. 1320 W. WINTON AVENUE HAYWARD, CA 94545
Report To:	FRANK POSS
Project Name:	CALTRANS
Site Location:	
Date:	9/9/98

PACE ANALYTICAL Project #: 980904-04
PACE ANALYTICAL WO #: 13769A
Client ID #: 575-8G-001

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Additional analysis was requested on 09/04/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TCLP Lead (Soil)	2-4
List of Abbreviations and Definitions	5

Reviewed by,
Richard Villafania, Operations Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

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Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980904-04
PACE ANALYTICAL WO#:13788A
Client ID#:575-SG-001

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Sample ID	Preparation Date	Analysis Date	TCLP Lead mg/L	PRL mg/L	DF
Units					
Method Blank	08/28/98	09/01/98	<0.02	0.02	1
TTB67-4-10	08/28/98	09/01/98	0.39	0.02	1
TTB69-4-S	08/28/98	09/01/98	0.16	0.02	1
TTB69-4-3	08/28/98	09/01/98	0.20	0.02	1
TTB69-4-5	08/28/98	09/01/98	0.40	0.02	1
TTB69-4-10	08/28/98	09/01/98	1.2	0.02	1
TTB69-3-S	08/28/98	09/01/98	<0.02	0.02	1
TTB67-1-3	08/28/98	09/01/98	0.22	0.02	1
TTB67-1-10	08/28/98	09/01/98	0.35	0.02	1
DTB59-2-S	08/28/98	09/01/98	<0.02	0.02	1
DTB59-2-3	08/28/98	09/01/98	<0.02	0.02	1
DTB58-2-3	08/28/98	09/01/98	0.06	0.02	1
DTB58-1-3	08/28/98	09/01/98	0.12	0.02	1
DTB33-2-1	09/02/98	09/04/98	0.04	0.02	1
DTB33-1-3	09/02/98	09/04/98	0.14	0.02	1
DTB49-1-1	09/02/98	09/04/98	0.87	0.02	1
DTB49-1-3	09/02/98	09/04/98	2.9	0.02	1
DTB34-1-S	09/02/98	09/04/98	0.11	0.02	1
DTB35-2-S	09/02/98	09/04/98	0.18	0.02	1
DTB35-1-S	09/02/98	09/04/98	0.54	0.02	1
DTB36-2-S	09/02/98	09/04/98	0.60	0.02	1
DTB36-2-3	09/02/98	09/04/98	0.04	0.02	1
DTB36-1-S	09/02/98	09/04/98	0.45	0.02	1
DTB36-1-3	09/02/98	09/04/98	0.17	0.02	1
DTB37-2-S	09/02/98	09/04/98	0.43	0.02	1
DTB37-1-S	09/02/98	09/04/98	0.80	0.02	1
DTB37-1-3	09/02/98	09/04/98	0.58	0.02	1
DTB38-1-S	09/02/98	09/04/98	6.7	0.02	1
DTB38-1-3	09/02/98	09/04/98	0.13	0.02	1
DTB47-2-1	09/02/98	09/04/98	0.28	0.02	1
DTB46-1-1	09/02/98	09/04/98	<0.02	0.02	1
DTB46-1-3	09/02/98	09/04/98	0.13	0.02	1
DTB50-1-1	09/02/98	09/04/98	0.30	0.02	1

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Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980904-04
PACE ANALYTICAL WO#:13768A
Client ID#:575-8G-001

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	09/02/98	09/04/98	<0.02	0.02	1
DTB50-1-3	09/02/98	09/04/98	0.25	0.02	1
DTB48-1-3	09/02/98	09/04/98	5.3	0.02	1
DTB52-2-1	09/02/98	09/04/98	0.44	0.02	1
DTB52-2-3	09/02/98	09/04/98	0.15	0.02	1
DTB52-1-1	09/02/98	09/04/98	7.7	0.02	1
DTB52-1-3	09/02/98	09/04/98	0.27	0.02	1
DTB51-2-1	09/02/98	09/04/98	0.27	0.02	1
DTB51-2-3	09/02/98	09/04/98	0.06	0.02	1
DTB50-2-1	09/02/98	09/04/98	0.78	0.02	1
DTB50-2-3	09/02/98	09/04/98	<0.02	0.02	1
DTB51-1-1	09/02/98	09/04/98	0.04	0.02	1
T23-1-S	09/02/98	09/04/98	0.24	0.02	1
T23-1-2	09/02/98	09/04/98	0.17	0.02	1

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Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/01/98	09/01/98			
Analyte					
TCLP Lead	88	102	70-130	15	0-25

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/04/98	09/04/98			
Analyte					
TCLP Lead	133	136	70-130	2.2	0-25

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/04/98	09/04/98			
Analyte					
TCLP Lead	99	96	70-130	3.1	0-25

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Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
PRL	=	Pace Reporting Limit

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Page: 1 of 4

Required Client Information: Section A	Required Client Information: Section B	Client Information (Check quote/contract):	To Be Completed by Pace Analytical and Client Section C
Company: PSI HAYWARD	Report To:	Requested Due Date:	*TAT:	Quote Reference:
Address:	Invoice To:	* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.	Project Manager:
	P.O.: 575-86-001	Turn Around Time (TAT) in calender days.	Project #: 13769A/980904-04
	Project Name:		Profile #:
Phone:	Fax:	Project Number:	Requested Analysis:

Section D Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	TCLP Pb (1/5)	Remarks / Lab
1	TTB67-4-10											X	13488A
2	TTB69-4-S												
3	TTB69-4-3												
4	TTB69-4-5												
5	TTB69-4-10												
6	TTB69-3-S												
7	TTB67-1-3												
8	TTB67-1-10												
9	DTB59-2-S												
10	DTB59-2-3												
11	DTB58-2-3												
12	TTB58-1-3												

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL			Hughes	9/4/98	
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments: TCLP Pb FOR PROJECTS 13488A AND 13543A

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

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442501

Page: 2 of 4

Required Client Information: Section A

Company: PSI HAYWARD

Address:

Phone: Fax:

Required Client Information: Section B

Report To:

Invoice To:

P.O.: 575-84-001

Project Name:

Project Number:

Client Information (Check quote/contract):

Requested Due Date: *TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calender days.

To Be Completed by Pace Analytical and Client: Section C

Quote Reference:

Project Manager:

Project #: 13769A/980904-04

Profile #:

Requested Analysis:

Section D Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	TCLP Pb	Remarks / Lab
1	DTB33-2-1											X	13543A
2	DTB33-1-3												
3	DTB49-1-1												
4	DTB49-1-3												
5	DTB34-1-S												
6	DTB35-2-S												
7	DTB35-1-S												
8	DTB36-2-S												
9	DTB36-2-3												
10	DTB36-1-S												
11	DTB36-1-3												
12	DTB37-2-S												

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL					
Received on ICE:	Y / N						Kaplan	9/4/98	
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed: (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

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Page: 3 of 4

Section A — Required Client Information:

Company: PSI HAYWARD

Address:

Phone: Fax:

Section B — Required Client Information:

Report To:

Invoice To:

P.O: 575-96-001

Project Name:

Project Number:

Client Information (Check quote/contract):

Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calendar days.

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #: 13769A/980904-04

Profile #:

Requested Analysis:

Section D — Required Client Information.

SAMPLE ID

One character per box.
(A-Z, 0-9 / -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (hh:mm)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	TCLP Pb	Remarks / Lab
1	DTB37-1-S											X	13543
2	DTB37-1-3												
3	DTB38-1-S												
4	DTB38-1-3												
5	DTB47-2-1												
6	DTB46-1-1												
7	DTB46-1-3												
8	DTB50-1-1												
9	DTB50-1-3												
10	DTB48-1-3												
11	DTB52-2-1												
12	DTB52-2-3												

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL					
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed: (MM / DD / YY)

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Page: 4 of 4

Section A — Required Client Information:

Company: PSI HAYWARD

Address:

Phone: Fax:

Section B — Required Client Information:

Report To:

Invoice To:

P.O.: 575-86-001

Project Name:

Project Number:

Client Information (Check quote/contract):

Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calender days.

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #: 13769A/980904-04

Profile #:

Requested Analysis: TCLP Pb

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED dd / mm / yy	TIME COLLECTED dd / mm / yy	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab
1	DTB52-1-1					X						13543A
2	DTB52-1-3											
3	DTB51-2-1											
4	DTB51-2-3											
5	DTB50-2-1											
6	DTB50-2-3											
7	DTB51-1-1											
8	T23-1-S											
9	T23-1-2											
10												
11												
12												

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL			Hueglan	9/4/98	
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

ORIGINAL

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980901-01
PACE ANALYTICAL WO #: 13735A
Client ID #: 575-8G001

Date: 9/11/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Additional analysis was requested on 09/01/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TCLP Lead (Soil)	2-7
List of Abbreviations and Definitions	8

Reviewed by,
Richard Villafania, Operations Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/28/98	09/01/98	<0.02	0.02	1
TTB66-2-3	08/28/98	09/01/98	0.53	0.02	1
TTB66-2-5	08/28/98	09/01/98	0.39	0.02	1
TTB66-3-3	08/28/98	09/01/98	0.21	0.02	1
TTB66-3-5	08/28/98	09/01/98	0.29	0.02	1
TTB66-3-10	08/28/98	09/01/98	0.15	0.02	1
TNF38-1-1	08/28/98	09/01/98	0.09	0.02	1
DTB42-2-3	08/28/98	09/01/98	0.27	0.02	1
DTB43-1-1	08/28/98	09/01/98	0.27	0.02	1
DTB43-1-3	08/28/98	09/01/98	2.2	0.02	1
DTB43-2-1	08/28/98	09/01/98	0.26	0.02	1
DTB43-2-3	08/28/98	09/01/98	<0.02	0.02	1
DTB44-1-1	08/28/98	09/01/98	0.07	0.02	1
DTB44-2-1	08/28/98	09/01/98	0.05	0.02	1
DTB44-2-3	08/28/98	09/01/98	95	0.02	1
DTB45-2-1	08/28/98	09/01/98	0.07	0.02	1
DTB45-2-3	08/28/98	09/01/98	<0.02	0.02	1
DTB54-2-3	08/28/98	09/01/98	1.0	0.02	1
DTB53-2-3	08/28/98	09/01/98	0.12	0.02	1
DTB53-1-1	08/28/98	09/01/98	46	0.02	1
DTB53-1-3	08/28/98	09/01/98	2.6	0.02	1
DTB48-2-1	08/28/98	09/01/98	0.27	0.02	1

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Pace Analytical Services, Inc.
3970 Gilman St,
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/01/98	09/01/98			
Analyte					
TCLP Lead	88	102	70-130	15	0-25

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/01/98	09/01/98			
Analyte					
TCLP Lead	73	96	70-130	27*	0-25

*Sample matrix effect.

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/29/98	09/01/98	<0.02	0.02	1
DTB46-2-1	08/29/98	09/01/98	0.56	0.02	1
DTB46-2-3	08/29/98	09/01/98	0.24	0.02	1
DTB47-1-1	08/29/98	09/01/98	0.17	0.02	1
DTB47-1-3	08/29/98	09/01/98	0.25	0.02	1
DTB48-2-3	08/29/98	09/01/98	0.15	0.02	1
DTB45-1-3	08/29/98	09/01/98	0.02	0.02	1
TH25-1-S	08/29/98	09/01/98	0.14	0.02	1
T25-1-3	08/29/98	09/01/98	0.04	0.02	1
T25-1-15	08/29/98	09/01/98	0.27	0.02	1
T25-1-25	08/29/98	09/01/98	0.20	0.02	1
T26-2-3	08/29/98	09/01/98	0.04	0.02	1
T26-2-5	08/29/98	09/01/98	0.40	0.02	1
T26-2-10	08/29/98	09/01/98	0.13	0.02	1
T26-2-30	08/29/98	09/01/98	0.84	0.02	1
R3-1-SUR	08/29/98	09/01/98	0.19	0.02	1
R3-1-5	08/29/98	09/01/98	0.13	0.02	1
R3-1-15	08/29/98	09/01/98	<0.02	0.02	1
R3-2-15	08/29/98	09/01/98	0.18	0.02	1
R3-2-25	08/29/98	09/01/98	0.10	0.02	1
R3-2-2	08/29/98	09/01/98	0.19	0.02	1

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/01/98	09/01/98			
Analyte					
TCLP Lead	108	104	70-130	3.8	0-25

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/29/98	09/01/98	<0.02	0.02	1
D12-2	08/29/98	09/01/98	0.57	0.02	1
D15-S	08/29/98	09/01/98	0.49	0.02	1
D16-S	08/29/98	09/01/98	0.27	0.02	1
D17-S	08/29/98	09/01/98	0.17	0.02	1
D18-S	08/29/98	09/01/98	0.24	0.02	1
D19-S	08/29/98	09/01/98	0.17	0.02	1
T14-3-S	08/29/98	09/01/98	<0.02	0.02	1
T17-1-S	08/29/98	09/01/98	0.06	0.02	1
T18-1-3	08/29/98	09/01/98	<0.02	0.02	1
T18-1-5	08/29/98	09/01/98	0.13	0.02	1
T19-1-S	08/29/98	09/01/98	<0.02	0.02	1
D22-S	08/29/98	09/01/98	0.16	0.02	1
D21-S	08/29/98	09/01/98	0.42	0.02	1
D20-S	08/29/98	09/01/98	0.13	0.02	1
R1-1-S	08/29/98	09/01/98	0.15	0.02	1

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/01/98	09/01/98			
Analyte					
TCLP Lead	102	122	70-130	16	0-25

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
PRL	=	Pace Reporting Limit

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12501

Page: 1 of 5

Required Client Information	Section A	Required Client Information:	Section B	To Be Completed by Pace Analytical and Client	Section C
Company: PSI HAYWARD		Report To: FRANK POSS.		Quote Reference:	
Address:		Invoice To:		Client Information (Check quote/contract): Requested Due Date:	*TAT: Project Manager:
		P.O.		* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge. Turn Around Time (TAT) in calendar days.	Project #: 13735A/980901-01
Phone:	Fax:	Project Name:			Profile #:
		Project Number:			Requested Analysis: TCLP Pb (5.9)

Section D — Required Client Information:

SAMPLE ID
One character per box. (A–Z, 0–9 / .–)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes ←

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	TTB66-2-3											13512
2	TTB66-2-5											
3	TTB66-3-3											
4	TTB66-3-5											
5	TTB66-3-10											
6	TNF38-1-1											
7	DTB42-2-3											
8	DTB43-1-1											
9	DTB43-1-3											
10	DTB43-2-1											
11	DTB43-2-3											
12	DTB44-1-1											

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL REQUEST			Hungfam	5/1/98	1000
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments: TCLP Pb FOR 13512, 13189, 13200, 13201, 13202, 13218

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc. Form COC01.XLS 08/98

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142501

Page: 2 of 5

Required Client Information: Section A	Required Client Information: Section B	To Be Completed by Pace Analytical and Client Section C
Company:	Report To:	Quote Reference:
Address:	Invoice To:	Project Manager:
	PO:	Project #: 13735A/980901-01
	Project Name:	Profile #:
Phone: Fax:	Project Number:	Requested Analysis:

Client Information (Check quote/contract):
Requested Due Date: *TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calendar days.

Section D Required Client Information

SAMPLE ID

One character per box.
(A-Z, 0-9 / -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED dd / mm / yy	TIME COLLECTED dd / mm / yy	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	X TCLP 8260	Remarks / Lab ID
1	DTB44-2-1											X	13512
2	DTB44-2-3												
3	DTB45-1-3												
4	DTB45-2-1												
5	DTB45-2-3												
6	DTB54-2-3												
7	DTB53-2-3												
8	DTB53-1-1												
9	DTB53-1-3												
10	DTB48-2-1												
11	DTB48-2-3												
12	DTB46-2-1												

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:									
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed: (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

Right ... Chain ... LEG DOCUM ... All re ... t field ... st be ... lete ... rate

Chain of Custody Record

Page: 3 of 5

Required Client Information — Section A

Company:

Address:

Phone: Fax:

Required Client Information: — Section B

Report To:

Invoice To:

P.O.:

Project Name:

Project Number:

Client Information (Check quote/contract):

Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calendar days

To Be Completed by Pace Analytical and Client — Section C

Quote Reference:

Project Manager:

Project #: 13735A/980901-01

Profile #:

Requested Analysis

Section D — Required Client Information

SAMPLE ID

One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	DTB46-2-3											X TCLP Pb 13512
2	DTB47-1-1											
3	DTB47-1-3											
4	TH23-1-5		Not Enough Sample									13189
5	TH25-1-S											13189
6	T26-1-SURR		Not Enough Sample									13200
7	T26-1-3											
8	T26-1-15											
9	T26-1-25											
10	T26-2-3											
11	T26-2-5											
12	T26-2-10											

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:									
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed: (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc. Form COC01.XLS 08/98

ORIGINAL

The Right Chemistry, The Right Solutions — Chain of Custody & Analytical Request Document — All fields must be completed accurately.

442501

Page: 4 of 5

Required Client Information: Section A	Required Client Information: Section B	To Be Completed by Pace Analytical and Client: Section C
Company:	Report To:	Quote Reference:
Address:	Invoice To:	Project Manager:
	P.O.	Project #: 13735A/980901-01
	Project Name:	Profile #:
Phone: Fax:	Project Number:	Requested Analysis:

Client Information (Check quote/contract): Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calendar days.

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes: MATRIX / CODE — WATER / WT; SOIL / SL; OIL / OL; WIPE / WP; AIR / AR; TISSUE / TS; OTHER / OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	T26-2-30											13200
2	R3-1-54R											
3	R3-1-5											
4	R3-1-15											
5	R3-2-15											
6	R3-2-25											
7	R3-2-2											
8	D12-2											13201
9	D15-S											
10	D16-S											
11	D17-S											
12	D18-S											

X TCLP Pb

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:							Hogan		
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed: (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

Pace Analytical Services, Inc. Form COC01.XLS 08/98

Right-enemis...the Rapresolution — Chai... ustor... LEC___DCU... All r... t fiel... st be ...plete...urately.

442501

Page: 5 of 5

Required Client Information	Section A	Required Client Information:	Section B	To Be Completed by Pace Analytical and Client	Section C
Company		Report To.		Client Information (Check quote/contract):	Quote Reference:
Address		Invoice To.		Requested Due Date: *TAT:	Project Manager:
		P.O.		* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge	Project #: 13735A/980901-01
		Project Name:		Turn Around Time (TAT) in calender days.	Profile #:
Phone:	Fax:	Project Number:			Requested Analysis:

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	TCLP Pb	Remarks / Lab ID
1	D19-S											X	13201
2	T14-2-S		Not Enough Sample										13202
3	T14-3-S												
4	T17-1-S												
5	T18-1-3												
6	T18-1-5												
7	T19-1-S												13218
8	D22-S												
9	D21-S												
10	D20-S												
11	R1-1-S												
12													

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:							Hogan		
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: | DATE Signed: (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980903-10
PACE ANALYTICAL WO #: 13765A
Client ID #: 575-8G-001

Date: 9/9/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Additional analysis was requested on 09/03/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TCLP Lead (Soil)	2-7
List of Abbreviations and Definitions	8

Reviewed by,
Richard Villafania, Operations Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980903-10
PACE ANALYTICAL WO#:13785A
Client ID#:575-8C-001

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/27/98	08/31/98	<0.02	0.02	1
TTBX-2-3.0	08/27/98	08/31/98	0.15	0.02	1
TTBX-2-5.0	08/27/98	08/31/98	0.29	0.02	1
TTBX-2-10.0	08/27/98	08/31/98	0.54	0.02	1
TTBY-1-10.0	08/27/98	08/31/98	0.34	0.02	1
TTBX-1-3	08/27/98	08/31/98	3.8	0.02	1
TTBX-1-5	08/27/98	08/31/98	0.54	0.02	1
TTBZ-1-5	08/27/98	08/31/98	0.73	0.02	1
TTB64-1-3	08/27/98	08/29/98	0.07	0.02	1
TTB64-1-10	08/27/98	08/29/98	0.03	0.02	1
TTB65-2-3	08/27/98	08/29/98	0.12	0.02	1
TTB55-2-5	08/27/98	08/29/98	2.4	0.02	1
TTB65-2-10	08/27/98	08/29/98	1.8	0.02	1
TTB65-3-3	08/27/98	08/29/98	0.51	0.02	1
TTB65-3-5	08/27/98	08/29/98	0.60	0.02	1
TTB65-3-10	08/27/98	08/29/98	0.20	0.02	1
TTB65-4-3	08/27/98	08/29/98	0.46	0.02	1
TTB65-4-5	08/27/98	08/29/98	0.83	0.02	1
TTB65-4-10	08/27/98	08/29/98	0.17	0.02	1
TTB64-2-3	08/27/98	08/29/98	0.31	0.02	1
TTB64-2-5	08/27/98	08/29/98	<0.02	0.02	1
TTB64-2-10	08/27/98	08/29/98	0.10	0.02	1
TTB64-3-1	08/27/98	08/29/98	0.43	0.02	1
TTB64-3-3	08/27/98	08/29/98	0.36	0.02	1
TTB64-3-5	08/27/98	08/29/98	1.1	0.02	1
TTB65-1-1	08/27/98	08/29/98	0.57	0.02	1
TTB65-1-3	08/27/98	08/29/98	0.64	0.02	1

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0766

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/31/98	08/31/98			
Analyte					
TCLP Lead	120	120	70-130	0.0	0-25

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/29/98	08/29/98			
Analyte					
TCLP Lead	110	108	70-130	1.8	0-25

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980903-10
PACE ANALYTICAL WO#:13765A
Client ID#:575-8G-001

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/27/98	08/31/98	<0.02	0.02	1
TTB65-1-5	08/27/98	08/31/98	0.71	0.02	1
TTB65-1-10	08/27/98	08/31/98	0.48	0.02	1
TTB62-3-1	08/27/98	08/31/98	0.24	0.02	1
TTB62-3-5	08/27/98	08/31/98	0.53	0.02	1
TTB63-3-1	08/27/98	08/31/98	<0.02	0.02	1
TTB63-3-5	08/27/98	08/31/98	0.87	0.02	1
TTB63-4-10	08/27/98	08/31/98	0.02	0.02	1
TTB63-2-3	08/27/98	08/31/98	0.26	0.02	1
TTB63-2-5	08/27/98	08/31/98	0.27	0.02	1
TTB63-1-3	08/27/98	08/31/98	0.15	0.02	1
TTB63-1-5	08/27/98	08/31/98	0.14	0.02	1

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980903-10
PACE ANALYTICAL WO #: 13765A
Client ID #: 575-8G-001

Date: 9/9/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Additional analysis was requested on 09/03/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TCLP Lead (Soil)	2-7
List of Abbreviations and Definitions	8

Reviewed by,
Richard Villafania, Operations Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

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3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980903-10
PACE ANALYTICAL WO#:13765A
Client ID#:575-8G-001

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/27/98	08/31/98	<0.02	0.02	1
TTB65-1-5	08/27/98	08/31/98	0.71	0.02	1
TTB65-1-10	08/27/98	08/31/98	0.48	0.02	1
TTB62-3-1	08/27/98	08/31/98	0.24	0.02	1
TTB62-3-5	08/27/98	08/31/98	0.53	0.02	1
TTB63-3-1	08/27/98	08/31/98	<0.02	0.02	1
TTB63-3-5	08/27/98	08/31/98	0.87	0.02	1
TTB63-4-10	08/27/98	08/31/98	0.02	0.02	1
TTB63-2-3	08/27/98	08/31/98	0.26	0.02	1
TTB63-2-5	08/27/98	08/31/98	0.27	0.02	1
TTB63-1-3	08/27/98	08/31/98	0.15	0.02	1
TTB63-1-5	08/27/98	08/31/98	0.14	0.02	1

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Pace Analytical

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3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/31/98	08/31/98			
Analyte					
TCLP Lead	125	128	70-130	2.4	0-25

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980903-10
PACE ANALYTICAL WO#:13765A
Client ID#:575-8G-001

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/28/98	08/31/98	<0.02	0.02	1
TTBR-2-3	08/28/98	08/31/98	<0.02	0.02	1
TTBR-2-5	08/28/98	08/31/98	2.8	0.02	1
TTBR-2-10	08/28/98	08/31/98	0.16	0.02	1
TTBR-1-3	08/28/98	08/31/98	0.31	0.02	1
TTBO-1-3	08/28/98	08/31/98	0.09	0.02	1
TTBU-3-1	08/28/98	08/31/98	0.20	0.02	1
TTBBB-2-3	08/28/98	08/31/98	0.16	0.02	1
TTBBB-2-5	08/28/98	08/31/98	0.30	0.02	1
TTBBB-2-10	08/28/98	08/31/98	<0.02	0.02	1
TTBDD-1-5	08/28/98	08/31/98	0.08	0.02	1
TTBDD-1-10	08/28/98	08/31/98	0.62	0.02	1
TTB11-2-5	08/28/98	08/31/98	3.8	0.02	1

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	LCS % REC	LCSD % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/31/98	08/31/98			
Analyte					
TCLP Lead	119	117	70-130	1.7	0-25

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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"The Right Chemistry, The Right Solution"

Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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Page: 1 of 5

Required Client Information: Section A	Required Client Information: Section B	To Be Completed by Pace Analytical and Client Section C
Company: PSI HAYWARD	Report To:	Quote Reference:
Address:	Invoice To:	Project Manager:
	P.O.: 575-BG-001	Project #: 13765A/980903-10
	Project Name:	Profile #:
Phone:	Fax:	Project Number:

Client Information (Check quote/contract): Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calender days.

Requested Analysis: TCLP Pb (54)

Section D Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	TTBX-2-3.0										X	13473A
2	TTBX-2-5.0											
3	TTBX-2-10.0											
4	TTBY-1-10.0											
5	TTBX-1-3											
6	TTBX-1-5											
7	TTBX-1-1		Not Enough Sample									
8	TTBZ-1-3		Not Enough Sample									
9	TTBZ-1-5											
10	TTB64-1-3											13475A
11	TTB64-1-1											
12	TTB65-2-3											

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL				9/3/98	
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments: TCLP Pb FOR PROJECTS 13473A, 13475A, 13476A

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

"The Right Chemistry, The Right Solution"

Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

442501

Page: 2 of 5

Required Client Information: Section A	Required Client Information: Section B	To Be Completed by Pace Analytical and Client Section C
Company: PSI HAYWARD	Report To:	Quote Reference:
Address:	Invoice To:	Project Manager:
	P.O.:	Project #: 13765A/980903-10
Phone: Fax:	Project Name:	Profile #:
	Project Number:	Requested Analysis:

Client Information (Check quote/contract): Requested Due Date: *TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calender days.

Section D Required Client Information:

SAMPLE ID

One character per box.
(A–Z, 0–9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED dd / mm / yy	TIME COLLECTED dd / mm / yy	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	TCLP Pb	Remarks / Lab ID
1	TTB65-2-5											X	13475A
2	TTB65-2-10												
3	TTB65-3-3												
4	TTB65-3-5												
5	TTB65-3-10												
6	TTB65-4-3												
7	TTB65-4-5												
8	TTB65-4-10												
9	TTB64-2-3												
10	TTB64-2-5												
11	TTB64-2-10												
12	TTB64-3-10												

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL				9/3/98	
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

"The Right Chemistry, The Right Solution"

Chain of Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

442501

Page: 3 of 5

Required Client Information: Section A	Required Client Information: Section B	To Be Completed by Pace Analytical and Client Section C
Company: PSI HAYWARD	Report To:	Quote Reference:
Address:	Invoice To:	Project Manager:
	P.O.	Project #: 13765A/980903-10
	Project Name:	Profile #:
Phone: Fax:	Project Number:	

Client Information (Check quote/contract):
Requested Due Date: TAT:
* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calendar days.

Requested Analysis: TCLP PB

Section D Required Client Information:

SAMPLE ID
One character per box.
(A–Z, 0–9 / –)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes: MATRIX / CODE — WATER WT, SOIL SL, OIL OL, WIPE WP, AIR AR, TISSUE TS, OTHER OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	TTB64-3-3										X	13475A
2	TTB64-3-5											
3	TTB65-1-1											
4	TTB65-1-3											
5	TTB65-1-5											
6	TTB65-1-10											
7	TTB62-3-1											
8	TTB62-3-5											
9	TTB63-3-1											
10	TTB63-3-5											
11	TTB63-4-10											
12	TTB63-2-3											

Sample Condition		Sample Notes	Item No:	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL					
Received on ICE:	Y / N							9/3/98	
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

"The Right Chemistry, The Right Solution"

Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

442501

Page: 4 of 5

Section A — Required Client Information:

Company: PSI HAYWARD

Address:

Phone: Fax:

Section B — Required Client Information:

Report To:

Invoice To:

P.O.:

Project Name:

Project Number:

Client Information (Check quote/contract):

Requested Due Date: *TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calendar days.

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #: 13765A/980903-10

Profile #:

Requested Analysis: TCLP Pb

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	TTB63-2-5										X	13475A
2	TTB63-1-3											↓
3	TTB63-1-5											13476A
4	TTBR-2-1		Not Enough Sample									
5	TTBR-2-3											
6	TTBR-2-5											
7	TTBR-2-10											
8	TTBR-1-3											
9	TTBO-1-3											
10	TTBN-1-1		Not Enough Sample									
11	TTBU-3-1											
12	TTBBB-2-3											

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL					
Received on ICE:	Y / N						Hyam	9/3/98	
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

Pace Analytical Services, Inc. Form COC01.XLS 08/98

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980827-03
PACE ANALYTICAL WO #: 13721A
Client ID #:

Date: 9/9/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Additional analysis was requested on 08/26/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
STLC Lead (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafana, Operations Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980827-03
PACE ANALYTICAL WO#:13721A
Client ID#:

Analyst: VN
Preparation Analyst: VN
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/L	DF
Sample ID	**Preparation Date**	**Analysis Date**			
Method Blank	08/27/98	09/01/98	<0.2	0.2	1
D72-S	08/27/98	09/01/98	28	0.2	10
TF34-1-10	08/27/98	09/01/98	18	0.2	10

*TNF6-1-5 insufficient amount of sample

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980827-03
PACE ANALYTICAL WO#:13721A
Client ID#:

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/01/98	09/01/98			
Analyte					
STLC Lead	110	112	70-130	1.8	0-25

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/l,	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/l,	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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a e Analytical

P. 1/1

137214
980827-03

410006

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI HAYWARD
Address:
Phone:
Sampled By (PRINT):
Sampler Signature: Date Sampled:

Report To: FRANK POSS
Bill To:
P.O. # / Billing Reference:
Project Name / No: CALTRANS SFW

Turn around Time
- [ ] 24 Hours
- [ ] 48 Hours
- [x] 3-5 Days
- [ ] 1 Week 2 Weeks
- [ ] Normal 14 Days

Pace Client No.
Pace Project Manager
Pace Project No.
*Requested Due Date: ASAP

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: STLC Pb (3)	REMARKS
1	D72-S		Soil	13252							X	
2	TNF6-1-5		↓	13275	Not Enough Sp1						X	
3	TF34-1-10		↓	13278							X	
4												
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments:

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSF VERBAL			Hughes/Pace	8/26/98	1600

SAMPLE CONDITION

Temp: ____ °C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980827-02
PACE ANALYTICAL WO #: 13720A
Client ID #:

Date: 9/4/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Samples were collected on May-June-98 received on 08/28/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upo
In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
Lead (Soil)	2-3
List of Abbreviations and Definitions	4

Reviewed by,
Richard Villafania, Operations Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0766

PACE ANALYTICAL Project#:980827-02
PACE ANALYTICAL WO#:13720A
Client ID#

Analyst:	VN
Preparation Analyst:	VN
Preparation Method:	3050
Matrix:	Soil

ANALYSIS OF TOTAL LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			Total Lead mg/Kg	PRL mg/Kg	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	09/01/98	09/01/98	<1.0	1.0	1
T26-1-30	09/01/98	09/01/98	25	1.0	1
T28-2-35	09/01/98	09/01/98	14	1.0	1
T3-1-15	09/01/98	09/01/98	1.2	1.0	1
T2-3-10	09/01/98	09/01/98	11,000	1.0	1
T2-4-10	09/01/98	09/01/98	10	1.0	1
T1-3-5	09/01/98	09/01/98	160	1.0	1
TNF6-2-15	09/01/98	09/01/98	13	1.0	1
TNF2-2-10	09/01/98	09/01/98	21	1.0	1
T7-1A-15	09/01/98	09/01/98	7.8	1.0	1
T5-2-15	09/01/98	09/01/98	4.9	1.0	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax. 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:	VN
Preparation Analyst:	VN
Preparation Method:	3050
Matrix:	Soil

ANALYSIS OF TOTAL LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/01/98	09/01/98			
Analyte					
Lead	85	84	80-120	2.0	0-30

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Pace Analytical

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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P. 1/2 980827-02

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI HAYWARD	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☒ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address	Bill To:		Pace Project Manager
	P.O. # / Billing Reference		Pace Project No.
Phone	Project Name / No.: CAL TRANS SFW		*Requested Due Date: ASAP

Sampled By (PRINT):

Sampler Signature

Date Sampled: MIXED - MAY/JUNE '98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH		ANALYSES REQUEST: PB CAM 17 MTBE (5260)								REMARKS
1	T26-1-30		SOIL	13200								X								
2	T26-2-35			13200								X								
3	T3-1-15			13246								X								
4	T2-3-10			13253								X								
5	T2-4-10			13253								X								
6	T1-3-5			13253								X								
7	TNF6-2-15			13275								X								
8	TNF2-2-10		↓	13282								X								

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI VERBAL			Hugh Lanlace	8/28/98	14:00

SAMPLE CONDITION

Temp: _____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

Additional Comments:

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace® Analytical

The Right Chemistry, The Right Solution®

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

442501

Page: 5 of 6

Section A — Required Client Information:
Company:
Address:
Phone: Fax:

Section B — Required Client Information:
Report To:
Invoice To:
P.O.:
Project Name:
Project Number:

Client Information (Check quote/contract):
Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calendar days.

Section C — To Be Completed by Pace Analytical and Client
Quote Reference:
Project Manager:
Project #: 13736A/980901-02
Profile #:
Requested Analysis: TCLP PD

Section D — Required Client Information:

SAMPLE ID
One character per box.
(A-Z, 0-9 / -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	T23-2-1.0	A	9/1									13273
2	D24-3..0											
3	T22-1-S											13275
4	D51-S											
5	D52-S											
6	TNF8-2-3	Investigation Sample										
7	TNF8-1-S	A 9/1										
8	TNF7-4-5	Investigation Sample										
9	TNF7-2-S	Investigation Sample										
10	TNF7-3-3	A 9/1										
11	~~TNF7-1-S~~	~~A~~		TEXT WOOT WIPED								
12	T1-5-5	A 9/1										13275

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:									
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed: (MM / DD / YY)

P.2/2 980827-02

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: PSI HAYWARD	Report To: FRANK POSS	Turn around Time: ☐ 24 Hours ☐ 48 Hours ☑ 3-5 Days ☐ 1 Week ☐ 2 Weeks ☐ Normal 14 Days	Pace Client No.
Address	Bill To:		Pace Project Manager
	P.O. #/Billing Reference		Pace Project No.
Phone	Project Name / No. CAL TRANS SFW		*Requested Due Date: ASAP

Sampled By (PRINT):

Sampler Signature

Date Sampled: MAY/JUNE 98

ITEM NO	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	VOA (HCL)	NaOH	ANALYSES REQUEST: Pb CAM 17 METALS	REMARKS
1	T7-1A-15		Soil	13325							X	
2	T5-2-15		"	13325							X	
3												
4												
5												
6												
7												
8												

SHIPMENT METHOD	AIR BILL NO.	SHIPPING DATE	NUMBER OF COOLERS

Additional Comments

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PSI VERBAL			Helen/Pace	8/28/98	1600

SAMPLE CONDITION

Temp: ____°C	Received on Ice: Y / N	Sealed Cooler: Y / N	Samples Intact: Y / N

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical

Pace Analytical Services, Inc
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498 9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980901-02
PACE ANALYTICAL WO #: 13736A
Client ID #:

Date: 9/10/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Additional analysis was requested on 09/01/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
TCLP Lead (Soil)	2-5
List of Abbreviations and Definitions	6

Reviewed by,
Richard Villafania, Operations Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or simular materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/29/98	09/01/98	<0.02	0.02	1
T2-2-3	08/29/98	09/01/98	0.61	0.02	1
T2-3-5	08/29/98	09/01/98	2.9	0.02	1
T2-4-3	08/29/98	09/01/98	<0.02	0.02	1
T2-5-S	08/29/98	09/01/98	7.7	0.02	1
T2-5-5	08/29/98	09/01/98	1.2	0.02	1
T1-3-3	08/29/98	09/01/98	0.03	0.02	1
T9-1-5	08/29/98	09/01/98	0.30	0.02	1
T6-3-10	08/29/98	09/01/98	0.28	0.02	1
T4-1-S	08/29/98	09/01/98	<0.02	0.02	1
T1-1-5	08/29/98	09/01/98	0.12	0.02	1
T1-1-5	08/29/98	09/01/98	0.19	0.02	1
D72-3.0	08/29/98	09/01/98	0.24	0.02	1
D46-S	08/29/98	09/01/98	0.10	0.02	1
D50-S	08/29/98	09/01/98	0.07	0.02	1
D40-S	08/29/98	09/01/98	<0.02	0.02	1
D40-3.0	08/29/98	09/01/98	<0.02	0.02	1
D44-S	08/29/98	09/01/98	<0.02	0.02	1
D45-S	08/29/98	09/01/98	0.42	0.02	1
T8-1-S	08/29/98	09/01/98	0.19	0.02	1
T12-3-S	08/29/98	09/01/98	0.19	0.02	1
T11-3-S	08/29/98	09/01/98	0.04	0.02	1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel. 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/01/98	09/01/98			
Analyte					
TCLP Lead	103	103	70-130	0.0	0-25

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/01/98	09/01/98			
Analyte					
TCLP Lead	112	113	70-130	0.9	0-25

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980901-02
PACE ANALYTICAL WO#:13736A
Client ID#

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/29/98	09/01/98	<0.02	0.02	1
R2-2-S	08/29/98	09/01/98	0.49	0.02	1
R2-2-5	08/29/98	09/01/98	0.16	0.02	1
R2-2-20	08/29/98	09/01/98	0.34	0.02	1
D38-1.5	08/29/98	09/01/98	0.35	0.02	1
D9-S	08/29/98	09/01/98	18	0.02	1
TNF78-1-3	09/01/98	09/03/98	26	0.02	1
TNF7-3-3	09/01/98	09/03/98	2.4	0.02	1
T1-5-5	09/01/98	09/03/98	0.04	0.02	1
R1-2-5	09/01/98	09/03/98	1.9	0.02	1
T23-2-S	09/01/98	09/03/98	<0.02	0.02	1
T23-2-1	09/01/98	09/03/98	<0.02	0.02	1
D24-3	09/01/98	09/03/98	1.0	0.02	1
T22-1-S	09/01/98	09/03/98	0.17	0.02	1
D51-S	09/01/98	09/03/98	0.94	0.02	1
D52-S	09/01/98	09/03/98	0.04	0.02	1
T3-1-S	09/08/98	09/08/98	0.10	0.02	1
T3-1-5	09/08/98	09/08/98	0.12	0.02	1
T4-2-3	09/08/98	09/08/98	1.0	0.02	1
T3-3-3	09/08/98	09/08/98	0.04	0.02	1
T4-2-S	09/08/98	09/08/98	0.14	0.02	1

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Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst:
Preparation Analyst:
Preparation Method: 1311/3010
Matrix: TCLP Extract of

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/01/98	09/01/98			
Analyte					
TCLP Lead	102	122	70-130	16	0-25

	LCS % REC	LCSD % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/03/98	09/03/98			
Analyte					
TCLP Lead	110	110	70-130	1.0	0-25

	LCS % REC	LCSD % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/08/98	09/08/98			
Analyte					
TCLP Lead	101	101	70-130	0.0	0-25

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List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
PRL	=	Pace Reporting Limit

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CHAIN-OF-CUSTODY / Analytical Request Document

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142501

Page: 1 of 6

Section A — Required Client Information

Company: PSI HAYWARD

Address:

Phone: Fax:

Section B — Required Client Information:

Report To:

Invoice To:

PO:

Project Name:

Project Number:

Client Information (Check quote/contract):

Requested Due Date: *TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calender days.

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #: 13736A/980961-02

Profile #:

Requested Analysis: TCLP Pb (6X)

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes: MATRIX / CODE — WATER / WT; SOIL / SL; OIL / OL; WIPE / WP; AIR / AR; TISSUE / TS; OTHER / OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	R2-2-5					X						13219
2	R2-2-20											↓
3	R2-2-S											↓
4	D38-1-5											13222
5	D9-S											13222
6	T8-1-S											13223
7	T12-3-S											↓
8	T11-3-S											↓
9	D40-S											13237
10	D40-3.0											↓
11	D44-8											↓
12	D45-S											↓

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL REQUEST					
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments: TCLP Pb FOR 13219, 13222, 13223, 13237, 13238, 13252, 13253

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY):

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Page: 2 of 6

Required Client Information — Section A	Required Client Information — Section B	To Be Completed by Pace Analytical and Client — Section C
Company:	Report To:	Quote Reference:
Address:	Invoice To:	Project Manager:
	PO:	Project #: 13736A/980901-02
	Project Name:	Profile #:
Phone: Fax:	Project Number:	Requested Analysis: TCLP PB

Client Information (Check quote/contract): Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge

Turn Around Time (TAT) in calendar days

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A–Z, 0–9 / -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes ←

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	T9-1-3										X	13238
2	T9-1-5											
3	T9-3-S											
4	T6-1-S											
5	T6-3-1 01											
6	T5-3-5											
7	T5-4-5											
8	D46-S											13245
9	D50-S											13245
10	T5-5-5											13246
11	T4-5-3											
12	T4-4-5											

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:									
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed: (MM / DD / YY)

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Page: 3 of 6

Section A — Required Client Information

Company:
Address:
Phone: Fax:

Section B — Required Client Information

Report To:
Invoice To:
P.O.:
Project Name:
Project Number:

Client Information (Check quote/contract):
Requested Due Date: *TAT:

- Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge

Turn Around Time (TAT) in calender days

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:
Project Manager:
Project #: 13736A/980901-02
Profile #:

Requested Analysis: TCLP Pb

Section D — Required Client Information

SAMPLE ID

One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	T4-3-3											X 13246
2	T4-2-S											
3	T4-2-3											
4	T3-2-3											
5	T3-1-S											
6	T3-1-5											
7	T3-3-3											
8	T3-4-3											
9	T3-4-5											
10	T4-1-S											13252
11	T1-1-S											
12	T1-1-5.10											

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:									
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed: (MM / DD / YY)

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Page: 4 of 6

Required Client Information: Section A	Required Client Information: Section B	To Be Completed by Pace Analytical and Client: Section C
Company:	Report To:	Quote Reference:
Address:	Invoice To:	Project Manager:
	P.O.	Project #: 13736A/98090102
	Project Name:	Profile #:
Phone: Fax:	Project Number:	Requested Analysis: TCLP Pb

Client Information (Check quote/contract): Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge

Turn Around Time (TAT) in calendar days.

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A–Z, 0–9 / ,–)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes: MATRIX / CODE — WATER / WT; SOIL / SL; OIL / OL; WIPE / WP; AIR / AR; TISSUE / TS; OTHER / OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	D72-3-0					X						13252
2	T2-2-3											13253
3	T2-3-5											
4	T2-4-3											
5	T2-5-S											
6	T2-5-3											
7	T2-5-5											
8	T1-2-5											
9	T1-3-X3											
10	T1-2-3											
11	R1-2-S											13273
12	T23-2-S											13273

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:							Hoglen		
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY):

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Page: 5 of 6

Section A — Required Client Information

Company:
Address:
Phone: Fax:

Section B — Required Client Information

Report To:
Invoice To:
P.O.:
Project Name:
Project Number:

Client Information (Check quote/contract):
Requested Due Date: *TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calender days

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:
Project Manager:
Project #: 13736A/980901-02
Profile #:

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

Requested Analysis: TCLP Pb

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	T23-2-1.0											13273
2	D24-3.0											
3	T22-1-S											13275
4	D51-S											
5	D52-S											
6	TNF8-2-3											
7	TNF8-1-S											
8	TNF7-4-5											
9	TNF7-2-S											
10	TNF7-3-3											
11	~~TNF7-1-S~~ RT TCLP not rqrd											
12	T11-5-5											13275

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:									
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed: (MM / DD / YY)

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Page: 6 of 6

Required Client Information — Section A	Required Client Information — Section B	Client Information (Check quote/contract)	To Be Completed by Pace Analytical and Client — Section C
Company:	Report To:	Requested Due Date:	TAT:	Quote Reference:
Address:	Invoice To:			Project Manager:
	P.O.	* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.		Project #: 13736A/980901-02
	Project Name:	Turn Around Time (TAT) in calendar days.		Profile #:
Phone:	Fax:	Project Number:		Requested Analysis:

Section D — Required Client Information

SAMPLE ID

One character per box.
(A–Z, 0–9 / –)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	TCLP Pb	Remarks / Lab ID
1	TNF7-1-3											X	13275
2	TNF7-1-5											↓	↓
3	TNF6-2-10												
4	TNF6-1-3											↓	
5													
6													
7													
8													
9													
10													
11													
12													

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:									
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed: (MM / DD / YY)

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Page: 1 of 6

Section A — Required Client Information

Company: PSI HAYWARD

Address:

Email: Fax:

Section B — Required Client Information

Report To:

Invoice To:

P.O.:

Project Name:

Project Number:

Client Information (Check quote/contract):

Requested Due Date: *TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge

Turn Around Time (TAT) in calendar days

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #: 13736A/980961-02

Profile #:

Requested Analysis: TCLP Pb (6+)

Section D — Required Client Information

SAMPLE ID

One character per box.
(A-Z, 0-9 / -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	R2-2-5										X	13219
2	R2-2-20		8/29									
3	R2-2-S											
4	D38-1-5		8/29									13222
5	D9-S											13222
6	T8-1-S											13223
7	T12-3-S		8/29									
8	T11-3-S											13237
9	D40-S											
10	D40-3.0		8/29									
11	D44-8											
12	D45-S											

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C				LEGAL REQUEST					
Received on ICE	Y / N								
Sealed Cooler	Y / N								
Samples Intact	Y / N								

Additional Comments: TCLP Pb for 13219, 13222, 13223, 13237, 13238, 13252, 13253

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed (MM / DD / YY):

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CHAIN-OF-CUSTODY / Analytical Request Document

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442501

Page: 2 of 6

Section A — Required Client Information:

Company:

Address:

Phone: Fax:

Section B — Required Client Information:

Report To:

Invoice To:

P.O.

Project Name:

Project Number:

Client Information (Check one/contract):

Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calendar days.

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #: 13736A/980901-02

Profile #:

Requested Analysis: TCLP RP

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	T9-1-3					X						13238
2	T9-1-5	✓										Batch E 8/29
3	T9-3-S											insufficient sample
4	T6-1-S											↓
5	T6-3-10	✓										Batch E 8/29
6	T5-3-5											insufficient sample
7	T5-4-5											↓
8	D46-S	✓										E & E 8/29/98 13245
9	D50-S	✓										13245
10	T5-5-5											Insufficient Sample 13246
11	T4-5-3											↓
12	T4-4-15											↓

Sample Condition		Sample Notes	Item No:	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:									
Received on ICE	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed: (MM / DD / YY)

SAMPLE CONDITION ... INSTRUCTIONS ... Pace / ... Inc. ... CC ... S ...

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442501

Page: 3 of 6

Section A — Required Client Information

Company:

Address:

Phone: Fax:

Section B — Required Client Information:

Report To:

Invoice To:

P.O.:

Project Name:

Project Number:

Client Information (Check quote/contract):

Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calender days

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #: 13736A/980901-02

Profile #:

Requested Analysis:

TCLP Pb

Section D — Required Client Information

SAMPLE ID

One character per box.
(A-Z, 0-9 / -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes *

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	T4-3-3	Insufficient Sample										X 13246
2	T4-2-S	9/8										
3	T4-2-3	9/8										
4	T3-2-3	Insufficient Sample										
5	T3-1-S	9/8										
6	T3-1-5	9/8										
7	T3-3-3	9/8										
8	T3-4-3	Insufficient Sample										
9	T3-4-5											
10	T4-1-S	✓										
11	T1-1-S	✓										13252
12	T1-1-5.10											

F 8/29

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:									
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed: (MM / DD / YY)

SEE ERS IF FI STR ONS

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

442501

Page: 4 of 6

Section A — Required Client Information

Company:

Address:

Phone: Fax:

Section B — Required Client Information:

Report To:

Invoice To:

P.O.

Project Name:

Project Number:

Client Information (Check applicable/contract):

Requested Due Date: *TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge

Turn Around Time (TAT) in calendar days

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #: 13736A/980901-02

Profile #:

Requested Analyses:

TCLP PD

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A–Z, 0–9 / –)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	D72-3-0	WT	F 8/29			X						13252
2	T2-2-3	✓										13253
3	T2-3-5	✓										
4	T2-4-3	✓										
5	T2-5-S	✓	F 8/29									
6	T2-5-3	insufficient sample										
7	T2-5-5	✓										
8	T1-2-5	insufficient sample										
9	T1-3-X3											
10	T1-2-3	insufficient sample										
11	R1-2-S	A 9/1										13273
12	T23-2-S	A 9/1										13273

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C							Hogle		
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed: (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

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Page: 6 of 6

442501

Section A — Required Client Information:
Company
Address
Phone / Fax

Section B — Required Client Information:
Report To:
Invoice To:
PO
Project Name
Project Number:

Client Information (Check quote/contract):
Requested Due Date: / TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calender days.

Section C — To Be Completed by Pace Analytical and Client
Quote Reference:
Project Manager:
Project #: 13736A/980901-02
Profile #:
Requested Analysis: TCLP Pb

Section D — Required Client Information

SAMPLE ID
One character per box.
(A-Z, 0-9 / -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes → MATRIX / CODE
WATER WT
SOIL SL
OIL OL
WIPE WP
AIR AR
TISSUE TS
OTHER OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
	TNF7-1-3											13275
	TNF7-1-5											
	TNF6-2-10											
	TNF6-1-31											

Insufficient Sample

X

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C									
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

Pace Analytical

Pace Analytical Services, Inc.
9970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-[illegible]07886

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS SFW
Site Location:

PACE ANALYTICAL Project #: 980909-05
PACE ANALYTICAL WO #: 13776B
Client ID #: 575-8G-001

Date: 9/17/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Additional analysis was requested on 09/04/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters.

ANALYTICAL TEST	PAGE
STLC Lead (Soil)	2-3
TCLP Lead (Soil)	4-5
List of Abbreviations and Definitions	6

Reviewed by,
Richard Villafania, Operations Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1295.

REPORT OF LABORATORY ANALYSIS

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P.02/10 3107 597 0786 TO PSI HAYWARD CA 09:11 98/17/09

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax. 562-597-0786

PACE ANALYTICAL Project#:980409-05
PACE ANALYTICAL WO#: 137768
Client ID#: 585-8G-001

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			STLC Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	09/11/98	09/13/98	<0.2	0.2	1
TTBCC-1-10	09/11/98	09/13/98	14	0.2	1
TTB62-3-10	09/11/98	09/13/98	4.2	0.2	1
TTB64-2-15	09/11/98	09/13/98	130	0.2	1
TTB65-1-15	09/11/98	09/13/98	8.7	0.2	1
TTB65-2-15	09/11/98	09/13/98	12	0.2	1
TTB69-4-15	09/11/98	09/13/98	13	0.2	1
TTB66-2-10	09/11/98	09/13/98	15	0.2	1

REPORT OF LABORATORY ANALYSIS

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12/03/10 ... 310 597 0786 TO PSI HAYWARD ... LONG BEACH CA

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project# 980909-05
PACE ANALYTICAL WO# 13776B
Client ID# 585-SG-001

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: Title 22 WET Extraction
Matrix: STLC Extract of Soil

ANALYSIS OF STLC LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/13/98	09/13/98			
Analyte					
STLC Lead	94	96	70-130	2.1	0-25

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel. 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:880009 05
PACE ANALYTICAL WO#: 13778B
Client ID#: 595-BG-001

Analyst: SC
Preparation Analyst: JS
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units:			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	09/14/98	09/15/98	<0.02	0.02	1
TTBCC-1-10	09/14/98	09/15/98	<0.02	0.02	1
TTB64-2-15	09/14/98	09/15/98	<0.02	0.02	1
TTB65-1-15	09/14/98	09/15/98	<0.02	0.02	1
TTB65-2-15	09/14/98	09/15/98	0.04	0.02	1
TTB68-4-15	09/14/98	09/15/98	0.36	0.02	1
TTB66-2-10	09/14/98	09/15/98	0.33	0.02	1

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Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: SC
Preparation Analyst: JS
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/15/98	09/15/98			
Analyte					
TCLP Lead	126	122	70-130	3.2	0-25

REPORT OF LABORATORY ANALYSIS

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P.06/10 310 597 0786 TO PSI HAYWARD 15:13 FAX PACE LONG BEACH CA

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#: 080909-05
PACE ANALYTICAL WO# 137788
Client ID#: 595-aG-001

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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Page: 1 of 3

Section A — Required Client Information:

Company: PSI HAYWARD

Address:

Phone: Fax:

Section B — Required Client Information:

Report To:

Invoice To:

P.O.: 575-96F001

Project Name:

Project Number:

Client Information (Check cycle/contract):

Requested Due Date: TAT: 48 HRS

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge. . .

Turn Around Time (TAT) in calendar days.

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #: 13776A/980904-11

Profile #: 13776B/980909-05

Requested Analysis:

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes → MATRIX CODE

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	STLC Pb (3)	TCLP Pb (1)	Remarks / Lab ID
TTB11-1-15											X		13436A
TTB12-1-10													13436A
TTB14-2-15													13444A
TTBAA-1-15													13458A
TTBAA-2-16													13458A
TTBCC-1-10											⊗	⊗	13458A
TTBX-1-15													13473A
TTBX-2-15													13473A
TTBY-1-15													13473A
TTB62-3-10											⊗		13475A
TTB63-3-10													13475A

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL			Hollcam	9/4/98	
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed: (MM / DD / YY)

SEE ... TERMS and CONDITIONS

FAX TO PACE LONG BEACH CA 310 597 3726 TO PSI HAYWARD P.06/10

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CHAIN-OF-CUSTODY / Analytical Request Document

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442501

Page: 2 of 3

Section A — Required Client Information

Company: PSI HAYWARD

Address:

Phone: Fax:

Section B — Required Client Information

Report To:

Invoice To:

P.O.:

Project Name:

Project Number:

Client Information (Check quote/contract):

Requested Due Date: TAT: 48 HRS

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calendar days

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #: ~~13776A/980904-11~~

Profile #: 13776B/980909-05

Requested Analysis:

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
FISSUE	TS
OTHER	OT

SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	"Pb"	SILC Pb	TULP Pb	Remarks / Lab ID
TTB63-4-15											X	⊗	⊗	13475A
TTB64-1-15														
TTB64-2-15														
TTB64-3-15														
TTB65-1-15														
TTB65-2-15														
TTB65-3-15														
TTB65-4-15														13476A
TTBBR-2-15														
TTBBB-2-15														
TTBDD-1-15														
TTB67-1-15														13488A

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL				9/4/98	
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

FEE RSL FC TRI AIC

SO IT'S ON FILE LONG BEACH CA 310 597 0786 TO PSI HAYWARD

09/10

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 3

To Be Completed by Pace Analytical and Client

Required Client Information: **Section A**

Company: PSI HAYWARD

Address:

Phone: Fax:

Required Client Information: **Section B**

Report To:

Invoice To:

P.O.

Project Name:

Project Number:

Client Information (Check quote/contract):

Requested Due Date: TAT: 48 HRS

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calendar days.

Section C

Quote Reference:

Project Manager:

Project #: ~~13776A/980904-11~~

Profile #: 13776B/980909-05

Requested Analysis:

Section D Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	TPH	STLC Pb	TCLP Pb	Remarks / Lab ID
TTB67-4-15											X			13488A
TTB69-4-15											↓	⊗	⊗	13488A
TTB66-2-10												⊗	⊗	13512A
TTB66-3-15														13512A

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				JERRAL				9/4/98	
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

JUN 17 98 13:31 FR PACE LONG BEACH CA 310 597 0765 TO PSI HAYWARD P.12/12

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Client Name: PROFESSIONAL SERVICES INDUSTRIES, INC.
1320 W. WINTON AVENUE
HAYWARD, CA 94545

Report To: FRANK POSS

Project Name: CALTRANS
Site Location:

PACE ANALYTICAL Project #: 980903-09
PACE ANALYTICAL WO #: 13764A
Client ID #: 675-8G-001

Date: 09/16/98

Pace Analytical Services, Inc. is pleased to provide you with analytical data for your above referenced project. Additional analysis was requested on 09/03/98. Please refer to the chain of custody included at the end of this report for conditions of the samples upon receipt. In accordance with the chain of custody, the samples were analyzed for the following analytical parameters:

ANALYTICAL TEST	PAGE
*TCLP Lead (Soil)	2-5
TCLP Cadmium (Soil)	6-9
List of Abbreviations and Definitions	10

*18 samples has insufficient quantity for TCLP Lead

Reviewed by:
Richard Villafania, Operations Manager

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. All samples are analyzed on an as received (wet weight) basis. Sampling, handling and analytical methods must be in accordance with EPA established protocols. Deviations from these protocols may compromise analytical results. All method numbers referenced are EPA method numbers except where otherwise noted. This report is submitted for the exclusive use of the client to whom it is addressed and is only valid in its entirety. ELAP certification #1225.

REPORT OF LABORATORY ANALYSIS

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SEP-17-98 11:35 FR PACE LONG BEACH CA 310 597 8706 TO PSI HAYWARD P.03/17

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel. 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:980803-09
PACE ANALYTICAL WO#: 13764A
Client ID#: 575-BG-001

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/27/98	08/31/98	<0.02	0.02	1
TTBAA-1-10	08/27/98	08/31/98	2.0	0.02	1
TTBZ-2-3	08/27/98	08/31/98	0.18	0.02	1
TTBAA-2-5	08/27/98	08/31/98	<0.02	0.02	1
TTBAA-2-10	08/27/98	08/31/98	0.20	0.02	1
TTBBB-1-10	08/27/98	08/31/98	0.03	0.02	1
TTBCC-1-3	08/27/98	08/31/98	0.02	0.02	1
TTBCC-1-5	08/27/98	08/31/98	0.15	0.02	1
TTBDD-2-3	08/27/98	08/31/98	0.06	0.02	1
TTBZ-2-5	08/27/98	08/31/98	0.63	0.02	1
TTBY-2-5	08/27/98	08/31/98	0.11	0.02	1
TTBAA-1-3	08/27/98	08/31/98	0.14	0.02	1
TTBAA-1-5	08/27/98	08/31/98	0.27	0.02	1
TTB16-2-5	08/27/98	08/31/98	0.35	0.02	1
TTB16-3-5	08/27/98	08/31/98	0.12	0.02	1

REPORT OF LABORATORY ANALYSIS

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P.04/17 RECEIVED BY 310 597 0786 10 PSI 11RV/08RD

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/31/98	08/31/98			
Analyte					
TCLP Lead	120	120	70-130	0.0	0-25

	Matrix Spike % REC	Matrix Spike Dup. % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/31/98	08/31/98			
Analyte					
TCLP Lead	125	128	70-130	2.4	0-25

REPORT OF LABORATORY ANALYSIS

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310 597 0786 TO PSI HRWWHRD P.05/17
JUL 17 '98 11:36 FR LONG BEACH CA

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0785

Analyst: VN/BJ
Preparation Analyst: VN/BJ
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	08/28/98	08/31/98	<0.02	0.02	1
TTB14-Z-3	08/28/98	08/31/98	0.26	0.02	1
D55-3	09/01/98	09/03/98	6.8	0.02	1
D70-3	09/01/98	09/03/98	0.03	0.02	1
TTB8-4-1	09/01/98	09/03/98	1.7	0.02	1
TTB10-1-1	09/01/98	09/03/98	0.19	0.02	1
TTB11-1-10	09/01/98	09/03/98	<0.02	0.02	1
TTB12-1-3	09/01/98	09/03/98	0.13	0.02	1
TTB12-1-5	09/01/98	09/03/98	0.10	0.02	1
TNF2-1-S	09/01/98	09/03/98	0.12	0.02	1

REPORT OF LABORATORY ANALYSIS

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P.06/17 HAYWARD 510 597 0706 TO PG1 LONG BEACH CA

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN/BJ
Preparation Analyst: VN/BJ
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	LCS % REC	LCSD % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/31/98	08/31/98			
Analyte					
TCLP Lead	119	117	70-130	1.7	0-25

	LCS % REC	LCSD % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/03/98	09/03/98			
Analyte					
TCLP Lead	110	110	70-130	1.0	0-25

	LCS % REC	LCSD % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/03/98	09/03/98			
Analyte					
TCLP Lead	112	116	70-130	4.0	0-25

REPORT OF LABORATORY ANALYSIS

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P.07/17 HOYWARD 310 597 0786 TO PSI

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

PACE ANALYTICAL Project#:960903-09
PACE ANALYTICAL WO#: 1376-4A
Client ID#: 574JAG-001

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date			
Method Blank	09/01/98	09/03/98	<0.02	0.02	1
TS-2-10	09/01/98	09/03/98	0.92	0.02	1
TS-1-3	09/01/98	09/03/98	4.7	0.02	1
T7-1A-3	09/01/98	09/03/98	0.48	0.02	1
T7-1A-5	09/01/98	09/03/98	5.8	0.02	1
T7-1A-10	09/01/98	09/03/98	0.34	0.02	1
T6-2-5	09/01/98	09/03/98	<0.02	0.02	1
T6-2-5	09/01/98	09/03/98	0.44	0.02	1
RS-2-30	09/01/98	09/03/98	<0.02	0.02	1
TTF7-1-10	09/01/98	09/03/98	0.05	0.02	1
TTB13-1-5	09/01/98	09/03/98	1.2	0.02	1
TTB15-1-5	09/01/98	09/03/98	2.6	0.02	1
TTB16-3-5	09/01/98	09/03/98	0.14	0.02	1

REPORT OF LABORATORY ANALYSIS

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P.08/17 310 597 8706 TO PSI HAYWARD 98 11:36 FR PACE LONG BEACH CA JN 17

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: BJ
Preparation Analyst: BJ
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	LCS % REC	LCSD % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/03/98	09/03/98			
Analyte					
TCLP Lead	112	116	70-130	4.0	0-25

	LCS % REC	LCSD % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	09/03/98	09/03/98			
Analyte					
TCLP Lead	110	110	70-130	1.0	0-25

REPORT OF LABORATORY ANALYSIS

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SEP 17 '98 11:37 FR PACE LONG BEACH CA 310 597 0786 TO PSI HAYWARD P.09/17

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD & CADMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

Units			TCLP Lead mg/L	PRL mg/L	TCLP Cadmium mg/L	PRL mg/L	DF
Sample ID	Preparation Date	Analysis Date					
Method Blank	08/28/98	08/31/98	<0.02	0.02	<0.05	0.05	1
TTB9-3-1	08/28/98	08/31/98	4.4	0.02	3.6	0.05	10
TTB9-4-5	08/28/98	08/31/98	18	0.02	0.09	0.05	1
TTB9-3-3	08/27/98	08/31/98	280	0.02	0.8	0.05	1

REPORT OF LABORATORY ANALYSIS

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P.10/17 510 597 0786 TO PSI HAYWARD 98 11:57 FR PACE LONG BEACH CA

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St,
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Analyst: VN
Preparation Analyst: VN
Preparation Method: 1311/3010
Matrix: TCLP Extract of Soil

ANALYSIS OF TCLP LEAD & CADMIUM BY INDUCTIVELY COUPLED PLASMA
EPA METHOD 6010

	LCS % REC	LCSD % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/31/98	08/31/98			
Analyte					
TCLP Lead	119	117	70-130	1.7	0-25
TCLP Cadmium	115	111	70-130	3.5	0-25

	Matrix Spike % REC	Matrix Spike dup % REC	Acceptable Range	RPD %	Acceptable Range
Analysis Date:	08/31/98	08/31/98			
Analyte					
TCLP Lead	125	128	70-130	2.4	0-25
TCLP Cadmium	133	136	70-130	2.2	0-25

REPORT OF LABORATORY ANALYSIS

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3M 597 0786 TO PST HARWARD 9.11/17

List of Abbreviations and Definitions

SM	=	Standard Methods for the examination of water and waste water
EPA	=	EPA approved methodology, 40 CFR Part 136
SW	=	EPA SW 846, Test Methods for Evaluating Solid Wastes
TCLP	=	Toxicity Characteristic Leaching Procedure
STLC	=	Soluble Threshold Limit Concentration
mg/L	=	milligrams per liter, parts per million (ppm), unit of measurement for a liquid
mg/Kg	=	milligrams per kilogram, parts per million (ppm), unit of measurement for a solid
µg/L	=	micrograms per liter, parts per billion (ppb), unit of measurement for a liquid
µg/Kg	=	micrograms per kilogram, parts per billion (ppb), unit of measurement for a solid
MDL	=	Laboratory Method Detection Limit, minimum level of detection derived from actual laboratory data
DF	=	Dilution Factor, the magnitude in which a sample must be diluted to eliminate matrix interference and/or to bring the sample concentration within the linear calibration range
RPD	=	Relative Percent Difference, measure of precision
% REC	=	Percent Recovery, measure of accuracy
<	=	less than, analyte of interest below stated numerical value
NA	=	Not Applicable
LCS	=	Laboratory Control Sample
DOHS	=	Department of Health Services
ELAP	=	Environmental Laboratory Accreditation Program
PRL	=	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

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P.12/12 HNYWARD 310 597 0786 TO PST LONG BEACH CA

The Right Chemistry, The Right Solution.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

442501

Page: 1 of 5

Section A — Required Client Information:
Company: PSI HAYWARD
Address:
Phone: Fax:

Section B — Required Client Information:
Report To: FRANK POSS
Invoice To:
PO: 575-86-001
Project Name:
Project Number:

Client Information (Check quote/contract):
Requested Due Date: TAT:
* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge
Turn Around Time (TAT) is calendar days.

Section C — To Be Completed by Pace Analytical and Client
Quote Reference:
Project Manager:
Project #: 13764A/980903-09
Phase #:
Requested Analysis: TCLP Pb (SO)

Section D — Required Client Information:

SAMPLE ID
One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes: MATRIX / CODE — WATER WT; SOIL SL; OIL OL; WIPE WP; AIR AR; TISSUE TS; OTHER OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab ID
1	D55-3.0	A	9/1								X	13278A
2	D70-3.0	A	9/1									
3	TF29-1-S	Treatment Sample										
4	TF28-1-3											
5	TF30-1-S											
6	TF30-1-3											
7	TF36-1-S											
8	TF36-1-3											
9	TF34-1-5											
10	TF35-1-S											
11	TNF3-1-S	Treatment Sample										
12	TNF2-1-S		9/1									13282A

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL REQUEST			Hayden	9/3/98	
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments: TCLP Pb FOR PROJECTS 13278A, 13282A, 13283A, 13525A, 13436A, 13444A, 13455A,

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

P.13/17

FAX FROM PACE LONG BEACH CA 310 597 0756 TO PSI HAYWARD

The Right Chemistry, The Right Solution

CHAIN-OF-CUSTODY / Analytical Request Document

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442501

Page: 2 of 5

Section A — Required Client Information:

Company: PSI HAYWARD

Address:

Phone: Fax:

Section B — Required Client Information:

Report To:

Invoice To:

P.O.:

Project Name:

Project Number:

Client Information (Check quote/contract):

Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calendar days.

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager:

Project #: 13764A/980903-09

Profile #:

Requested Analysis: TCLP PB

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / , -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes: MATRIX / CODE — WATER / WT; SOIL / SL; OIL / OL; WIPE / WP; AIR / AR; TISSUE / TS; OTHER / OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab
1	TNF 2-1-10		9/3		A							13282A
2	TNF 3-2-3		Insufficient Sample									
3	TNF 2-2-3		Insufficient Sample									13283A
4	TNF 2-2-5		Insufficient Sample									
5	T8-2-5		9/3		B							13325A
6	R5-2-30		9/3		B							
7	T7-1A-3		9/3		B							
8	T7-1A-5											
9	T7-1A-10											
10	T5-2-5											
11	T5-12-10		9/3		C							
12	T5-1-31											

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VAGRL				9-4-13	
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY):

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc.

P: 14/17

PACE CONG SERCH CA 310 597 0786 TO PSI HAYWARD

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CHAIN-OF-CUSTODY / Analytical Request Document

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442501

Page: 3 of 5

Section A — Required Client Information:
Company: PSE HAYWARD
Address:
Phone: Fax:

Section B — Required Client Information:
Report To:
Invoice To:
P.O.:
Project Name:
Project Number:

Client Information (Check quote/contract):
Requested Due Date: TAT:
* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge
Turn Around Time (TAT) in calendar days

Section C — To Be Completed by Pace Analytical and Client
Quote Reference:
Project Manager:
Project #: 13764A/980903-09
State:
Requested Analysis:

Section D — Required Client Information

SAMPLE ID
One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes: MATRIX CODE — DRINKING WATER DW; WATER WT; SOIL SL; OIL OL; WASTE WP; AIR AR; TISSUE TS; OTHER OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED	TIME COLLECTED	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO3	HCl	NaOH	$Na_2S_2O_3$	Remarks / Lab
1	TTB9-3-1 A	A	8/28								TCLP PB	
2	TTB9-3-3 D	D	8/27			X	X					13436A
3	TTB9-3-5 Insufficient Sample						X					
4	TTB9-4-1 D	D	9/1									
5	TTB9-4-3 Insufficient Sample											
6	TTB9-4-5 A	A	8/28								TCLP CD	
7	TTB10-1-1 D	D	9/1				X					
8	TTB10-2-1 Insufficient Sample											
9	TTB10-2-3 Insufficient Sample											
10	TTB11-1-10 D	D	9/1									
11	TTB12-1-3 D	D	9/1									
12	TTB12-1-5 D	D	9/1									

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL			Hayglan	9/3/98	
Received on ICE:	Y / N								
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

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P. 15/17 — 510 557 8788 TO PSI HAYWARD — PACIFIC LEAK CH

Page: 2 of 5

Section C

Section D — Required Client Information

Address: PS: AYI

Invoice To:

P.O.:

Project Name:

Phone: Fax: Project Number:

Client Information (Check quote/contract):

Requested Due Date: TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calendar days

Quote Reference:

Project Manager:

Project #: 13764A/980903-09

Profile #:

Requested Analysis:

TCLP Pb

ITEM #	SAMPLE ID (One character per box. (A–Z, 0–9 / -) Sample IDs MUST BE UNIQUE)	Valid Matrix Codes: MATRIX / CODE — WATER WT, SOIL SL, OIL OL, WIPE WP, AIR AR, TISSUE TS, OTHER OT	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (dd / mm / yy)	# Containers	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Remarks / Lab ID
1	TTB12-2-3												
2	TTB13-2-S											X	13436A
3	TTB13-1-S												13444A
4	TTB15-1-S												
5	TTB15-2-S												
6	TTB14-2-3												
7	TTB16-3-S												
8	TTB16-3-5												
9	TTBZ-2-5.10												
10	TTBY-2-15.10												13458A
11	TTBAA-1-3.0												
12	TTBAA-1-5.0												

insufficient sample

D 8/27

A 8/28 98

insufficient sample

D 8/27

A 8/28

D 8/27

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				VERBAL					
Received on ICE:	Y / N							9/3/98	
Sealed Cooler:	Y / N								
Samples Intact:	Y / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed: (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed: (MM / DD / YY)

P.16/1

510 597 2786 TO PSI HAYWARD

OFFICE COPY BEACH CH

SITE INVESTIGATION REPORT
VOLUME 16 (APPENDIX C)

WEST APPROACH PROJECT INCLUDING
TRANSBAY TERMINAL LOOP
SAN FRANCISCO, CALIFORNIA

prepared for

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

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

prepared by

CALIFORNIA DEPARTMENT OF TRANSPORTATION
District 4
Division of Toll Bridge Program
Environmental Engineering Branch
&
Professional Service Industries, Inc.
1320 West Winton Avenue
Hayward, California 94545
(510) 785-1111

June, 1999
575-8G001

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 02/03/99
Date Received: 02/05/99
Job Number: 14401

Project: Caltrans: Bay Bridge West Approach

CASE NARRATIVE

The following information applies to samples which were received on 02/05/99 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

7471: The result for mercury in some samples exceeded the calibration range. Due to a deficiency in EPA Method 7471, re-analysis at a dilution is not possible; mercury was reported from the initial run as an estimated value.

Report approved by:

Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL - Detection Limit - The lowest level at which the compound can reliably be detected under normal laboratory conditions
ND Not Detected - The compound was analyzed for but was not found to be present at or above the detection limit.
NA Not Analyzed - Per client request, this analyte was not on the list of compounds to be analyzed for

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/09/99
Date Analyzed: 02/10-12/99
Batch Number: 6010S1138

		Sample ID:	Blank	R3-2-30	B13-1	B13-3	B13-6	A18-1
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	NA	ND	ND	ND	ND
Arsenic	6010	5.0	ND	NA	11	11	11	15
Barium	6010	5.0	ND	NA	70	49	130	75
Beryllium	6010	5.0	ND	NA	ND	ND	ND	ND
Cadmium	6010	2.5	ND	NA	ND	ND	ND	ND
Chromium	6010	2.5	ND	NA	38	23	19	51
Cobalt	6010	2.5	ND	NA	8.2	2.7	5.8	13
Copper	6010	2.5	ND	NA	37	20	16	16
Lead	6010	5.0	ND	36	260	10	11	6.6
Mercury	7471	0.10	ND	NA	0.64	ND	ND	ND
Molybdenum	6010	5.0	ND	NA	ND	ND	ND	ND
Nickel	6010	5.0	ND	NA	36	23	23	43
Selenium	6010	10	ND	NA	ND	ND	ND	ND
Silver	6010	5.0	ND	NA	22	ND	ND	ND
Thallium	6010	10	ND	NA	ND	ND	ND	ND
Vanadium	6010	5.0	ND	NA	35	30	21	52
Zinc	6010	5.0	ND	NA	94	31	42	38

Metals

Client: PSI
Project: Caltrans' Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/09/99
Date Analyzed: 02/10-12/99
Batch Number: 601051138

	Sample ID:		A18-3	A18-6	A15-1	A15-3	A15-5	A14-1
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	12	13	12	11	15	9.7
Barium	6010	5.0	75	63	88	110	170	130
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	58	47	85	53	44	43
Cobalt	6010	2.5	12	9.6	20	11	9.5	10
Copper	6010	2.5	16	15	5.8	14	80	14
Lead	6010	5.0	5.9	8.0	6.5	64	460	67
Mercury	7471	0.10	ND	ND	ND	0.23	0.42	ND
Molybdenum	6010	5.0	ND	ND	ND	ND	ND	ND
Nickel	6010	5.0	49	37	34	44	30	33
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	53	43	78	45	38	39
Zinc	6010	5.0	39	38	20	74	410	70

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans' Bay Bridge West Approach	Date Received:	02/05/99
Job No.	14401	Date Digested:	02/09/99
Matrix:	Soil	Date Analyzed:	02/10-12/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1138

		Sample ID:	A14-3	A14-5	A17-1	A17-3	A17-5	A17-10
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	8.8	ND	7.5	15	11	8.9
Barium	6010	5.0	100	71	92	160	74	45
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	45	11	20	47	45	90
Cobalt	6010	2.5	6.8	3.8	11	15	8.0	5.8
Copper	6010	2.5	14	5.8	14	49	7.4	6.1
Lead	6010	5.0	140	8.3	11	280	ND	5.2
Mercury	7471	0.10	ND	ND	ND	0.10	ND	ND
Molybdenum	6010	5.0	ND	ND	ND	5.8	ND	5.2
Nickel	6010	5.0	27	12	20	38	43	33
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	39	20	22	42	38	42
Zinc	6010	5.0	62	22	38	130	27	20

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/09/99
Date Analyzed: 02/10-12/99
Batch Number: 6010S1138

		Sample ID:	A17-15	A5-1	A5-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND
Arsenic	6010	5.0	25	15	22
Barium	6010	5.0	160	140	240
Beryllium	6010	5.0	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND
Chromium	6010	2.5	90	57	35
Cobalt	6010	2.5	31	13	14
Copper	6010	2.5	9.8	22	30
Lead	6010	5.0	ND	26	25
Mercury	7471	0.10	ND	ND	ND
Molybdenum	6010	5.0	7.6	5.6	6.5
Nickel	6010	5.0	64	46	47
Selenium	6010	10	ND	ND	ND
Silver	6010	5.0	ND	ND	ND
Thallium	6010	10	ND	ND	ND
Vanadium	6010	5.0	96	45	34
Zinc	6010	5.0	34	55	75

Metals

Client: PSI
Project: Caltrans, Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/10/99
Date Analyzed: 02/12-15/99
Batch Number: 6010S1139

		Sample ID:	Blank	A5-5	A5-10	A5-15	A7-1	A7-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	ND	18	ND	12	13	14
Barium	6010	5.0	ND	130	10	21	180	130
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	ND	38	29	43	24	34
Cobalt	6010	2.5	ND	14	3.7	5.7	12	9.1
Copper	6010	2.5	ND	17	25	11	17	32
Lead	6010	5.0	ND	17	ND	6.2	16	84
Mercury	7471	0.10	ND	ND	ND	ND	ND	0.10
Molybdenum	6010	5.0	ND	6.2	ND	8.2	5.3	6.3
Nickel	6010	5.0	ND	40	17	38	25	28
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	25	8.3	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	ND	39	26	35	28	35
Zinc	6010	5.0	ND	43	15	40	47	88

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.	14401	Date Digested:	02/10/99
Matrix:	Soil	Date Analyzed:	02/12-15/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1139

		Sample ID:	A7-5	A7-10	A7-15	A6-1	A6-3	A6-5
Element	**Method #**	**DL**	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	**15**	**5.0**	**13**	**18**	**18**	**14**
Barium	6010	5.0	**14**	**23**	**110**	**110**	**130**	**83**
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	**53**	**32**	**66**	**59**	**58**	**79**
Cobalt	6010	2.5	**11**	**4.4**	**11**	**16**	**16**	**13**
Copper	6010	2.5	**13**	**3.1**	**12**	**14**	**16**	**13**
Lead	6010	5.0	**9.9**	ND	**6.3**	**49**	**37**	**13**
Mercury	7471	0.10	ND	ND	ND	**0.21**	ND	ND
Molybdenum	6010	5.0	**6.9**	ND	**6.5**	**7.0**	**7.2**	**8.7**
Nickel	6010	5.0	**42**	**19**	**34**	**58**	**51**	**55**
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	**46**	**27**	**51**	**54**	**54**	**65**
Zinc	6010	5.0	**46**	**18**	**31**	**82**	**96**	**42**

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Digested:	02/10/99
Matrix:	Soil	Date Analyzed:	02/12-16/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1139

		Sample ID:	A6-10	A6-15	A4-1	A4-3	A4-5	A4-10
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	**5.8**	ND	**15**	**22**	**11**	ND
Barium	6010	5.0	**20**	**19**	**97**	**360**	**69**	**14**
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	**31**	**33**	**48**	**22**	**35**	**28**
Cobalt	6010	2.5	**3.6**	**4.0**	**12**	**15**	**6.4**	**3.5**
Copper	6010	2.5	**48**	**67**	**27**	**37**	**17**	**2.9**
Lead	6010	5.0	**35**	**43**	**21**	**160**	**65**	ND
Mercury	7471	0.10	**2.7**	**3.4**	**0.12**	**0.12**	ND	ND
Molybdenum	6010	5.0	ND	ND	**8.4**	**8.8**	**5.1**	ND
Nickel	6010	5.0	**19**	**22**	**62**	**46**	**32**	**18**
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	**25**	**27**	**36**	**26**	**27**	**21**
Zinc	6010	5.0	**69**	**59**	**65**	**73**	**66**	**15**

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans' Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Digested:	02/10/99
Matrix:	Soil	Date Analyzed:	02/12-15/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1139

		Sample ID:	A4-15	A3-1	A3-3
Element	**Method #**	**DL**	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND
Arsenic	6010	5.0	**11**	**18**	**33**
Barium	6010	5.0	**18**	**170**	**360**
Beryllium	6010	5.0	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND
Chromium	6010	2.5	**46**	**35**	**17**
Cobalt	6010	2.5	**5.9**	**11**	**21**
Copper	6010	2.5	**14**	**29**	**34**
Lead	6010	5.0	**8.3**	**120**	**34**
Mercury	7471	0.10	ND	**0.39**	**0.12**
Molybdenum	6010	5.0	**6.0**	**8.5**	**11**
Nickel	6010	5.0	**41**	**30**	**55**
Selenium	6010	10	ND	ND	ND
Silver	6010	5.0	ND	ND	ND
Thallium	6010	10	ND	ND	ND
Vanadium	6010	5.0	**42**	**37**	**25**
Zinc	6010	5.0	**44**	**100**	**86**

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Digested:	02/11/99
Matrix:	Soil	Date Analyzed:	02/15-16/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1141

		Sample ID:	Blank	A3-5	A3-10	A3-15	A2-1	A2-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	ND	14	7.3	15	14	14
Barium	6010	5.0	ND	170	72	21	69	90
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	ND	29	30	43	59	54
Cobalt	6010	2.5	ND	8.0	3.8	5.8	8.5	9.4
Copper	6010	2.5	ND	15	17	13	11	12
Lead	6010	5.0	ND	42	160	7.1	33	20
Mercury	7471	0.10	ND	0.13	2.5	ND	ND	ND
Molybdenum	6010	5.0	ND	9.2	ND	8.9	7.2	7.4
Nickel	6010	5.0	ND	30	19	42	30	34
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	ND	27	26	36	48	46
Zinc	6010	5.0	ND	390	140	49	48	40

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Digested:	02/11/99
Matrix:	Soil	Date Analyzed:	02/15-16/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1141

	Sample ID:		A2-5	A2-10	A2-15	A1-1	A1-3	A1-5
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	8.1	7.4	ND	11	10	11
Barium	6010	5.0	82	240	6.6	90	87	84
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	14	26	21	63	55	57
Cobalt	6010	2.5	ND	5.3	3.2	9.7	9.5	8.8
Copper	6010	2.5	21	22	2.6	14	14	13
Lead	6010	5.0	320	240	ND	36	58	37
Mercury	7471	0.10	16*	9.1*	0.20	0.19	0.10	0.18
Molybdenum	6010	5.0	ND	ND	ND	ND	ND	ND
Nickel	6010	5.0	11	21	15	32	33	36
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	13	29	17	48	45	44
Zinc	6010	5.0	300	130	13	47	47	49

*These concentrations for Mercury are estimated values; see Case Narrative.

Metals

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Digested:	02/11/99
Matrix:	Soil	Date Analyzed:	02/15-16/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1141

		Sample ID:	A1-10	A1-15
Element	Method #	DL	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND
Arsenic	6010	5.0	**9.8**	**6.1**
Barium	6010	5.0	**70**	**9.4**
Beryllium	6010	5.0	ND	ND
Cadmium	6010	2.5	ND	ND
Chromium	6010	2.5	**31**	**36**
Cobalt	6010	2.5	**5.1**	**4.1**
Copper	6010	2.5	**16**	**3.1**
Lead	6010	5.0	**200**	ND
Mercury	7471	0.10	**0.96**	ND
Molybdenum	6010	5.0	ND	ND
Nickel	6010	5.0	**20**	**20**
Selenium	6010	10	ND	ND
Silver	6010	5.0	ND	ND
Thallium	6010	10	ND	ND
Vanadium	6010	5.0	**27**	**28**
Zinc	6010	5.0	**210**	**17**

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1138
MS/MSD Sample ID: A18-3

	Batch Precision Results:					Batch Accuracy Results:			
Metal	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	19.5	18.4	6%	20%	Pass	50	120	75 - 125	Pass
Arsenic	66.2	64.8	2%	20%	Pass	50	104	75 - 125	Pass
Barium	127	126	0%	20%	Pass	50	99	75 - 125	Pass
Beryllium	39.7	40.3	1%	20%	Pass	50	98	75 - 125	Pass
Cadmium	48.0	48.3	1%	20%	Pass	50	99	75 - 125	Pass
Chromium	120	123	2%	20%	Pass	50	103	75 - 125	Pass
Cobalt	61.1	61.3	0%	20%	Pass	50	102	75 - 125	Pass
Copper	65.8	65.5	0%	20%	Pass	50	100	75 - 125	Pass
Lead	55.1	56.6	3%	20%	Pass	50	101	75 - 125	Pass
Mercury	2.66	2.66	0%	20%	Pass	2.5	104	75 - 125	Pass
Molybdenum	52.8	53.0	0%	20%	Pass	50	101	75 - 125	Pass
Nickel	99.2	99.1	0%	20%	Pass	50	101	75 - 125	Pass
Selenium	50.6	49.9	1%	20%	Pass	50	100	75 - 125	Pass
Silver**	49.0	50.0	2%	20%	Pass	50	98	75 - 125	Pass
Thallium	48.5	49.6	2%	20%	Pass	50	86	75 - 125	Pass
Vanadium	107	108	1%	20%	Pass	50	103	75 - 125	Pass
Zinc	88.9	89.4	1%	20%	Pass	50	114	75 - 125	Pass

Analytical Notes

**The MS/MSD for this analyte did not meet the acceptance criteria due to a sample matrix effect.
The LCS / LCSD pair was used to provide precision data for this batch

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1139
MS/MSD Sample ID: A7-10

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	38.1	37.8	1%	20%	Pass	50	101	75 - 125	Pass
Arsenic	49.7	51.1	3%	20%	Pass	50	95	75 - 125	Pass
Barium	66.3	70.9	7%	20%	Pass	50	96	75 - 125	Pass
Beryllium	42.4	43.4	2%	20%	Pass	50	93	75 - 125	Pass
Cadmium	46.0	47.4	3%	20%	Pass	50	96	75 - 125	Pass
Chromium	79.6	80.6	1%	20%	Pass	50	99	75 - 125	Pass
Cobalt	50.1	51.3	2%	20%	Pass	50	98	75 - 125	Pass
Copper	48.5	49.3	2%	20%	Pass	50	96	75 - 125	Pass
Lead	49.3	51.6	4%	20%	Pass	50	96	75 - 125	Pass
Mercury	2.62	2.71	3%	20%	Pass	2.5	106	75 - 125	Pass
Molybdenum	49.7	50.8	2%	20%	Pass	50	97	75 - 125	Pass
Nickel	64.7	66.4	3%	20%	Pass	50	98	75 - 125	Pass
Selenium	42.7	44.0	3%	20%	Pass	50	91	75 - 125	Pass
Silver	49.3	44.6	10%	20%	Pass	50	91	75 - 125	Pass
Thallium	53.5	54.6	2%	20%	Pass	50	113	75 - 125	Pass
Vanadium	72.6	77.9	7%	20%	Pass	50	99	75 - 125	Pass
Zinc	62.7	65.1	4%	20%	Pass	50	100	75 - 125	Pass

Analytical Notes

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1141
MS/MSD Sample ID: A3-5

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	34.0	39.4	15%	20%	Pass	50	102	75 - 125	Pass
Arsenic	58.1	54.7	6%	20%	Pass	50	99	75 - 125	Pass
Barium	179	164	9%	20%	Pass	50	97	75 - 125	Pass
Beryllium	41.0	43.9	7%	20%	Pass	50	95	75 - 125	Pass
Cadmium	46.2	47.3	3%	20%	Pass	50	98	75 - 125	Pass
Chromium	73.6	70.3	5%	20%	Pass	50	100	75 - 125	Pass
Cobalt	49.9	50.2	1%	20%	Pass	50	99	75 - 125	Pass
Copper	63.0	58.3	8%	20%	Pass	50	99	75 - 125	Pass
Lead**	49.6	49.6	0%	20%	Pass	50	99	75 - 125	Pass
Mercury	2.67	2.69	1%	20%	Pass	2.5	106	75 - 125	Pass
Molybdenum	49.4	49.5	0%	20%	Pass	50	98	75 - 125	Pass
Nickel	65.6	64.1	2%	20%	Pass	50	100	75 - 125	Pass
Selenium	45.8	47.6	4%	20%	Pass	50	95	75 - 125	Pass
Silver	43.5	44.6	2%	20%	Pass	50	93	75 - 125	Pass
Thallium	46.1	48.7	6%	20%	Pass	50	111	75 - 125	Pass
Vanadium	73.1	72.7	1%	20%	Pass	50	99	75 - 125	Pass
Zinc**	50.8	50.8	0%	20%	Pass	50	102	75 - 125	Pass

Analytical Notes

**The MS/MSD for this analyte did not meet the acceptance criteria due to a sample matrix effect. The LCS / LCSD pair was used to provide precision data for this batch.

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

Modified 8015 - Fuel Screen

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/08/99
Matrix:	Soil	Date Analyzed:	02/08/99
Analyst:	NBP	Batch Number:	8015DS1547

Fuel Identified:	Motor Oil	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
B13-1	ND	19*	10
B13-3	ND	ND	10
B13-6	ND	14*	10
A18-1	ND	11*	10
A18-3	ND	15*	10
A18-6	ND	ND	10
A15-1	ND	ND	10
A15-3	ND	11*	10
A15-5	ND	ND	10
A14-1	ND	ND	10
A14-3	ND	ND	10
A14-5	ND	ND	10
A17-1	ND	ND	10
A17-3	ND	ND	10
A17-5	ND	ND	10
A17-10	ND	ND	10
A17-15	ND	ND	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as Extractable Hydroc

Modified 8015 - Fuel Screen

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/08/99
Matrix:	Soil	Date Analyzed:	02/8-9/1999
Analyst:	NBP	Batch Number:	8015DS1548

Fuel Identified:	Motor Oil	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
A5-1	ND	ND	10
A5-3	ND	ND	10
A5-5	ND	ND	10
A5-10	ND	ND	10
A5-15	ND	ND	10
A7-1	11*	18*	10
A7-3	ND	ND	10
A7-5	ND	ND	10
A7-10	ND	ND	10
A7-15	ND	ND	10
A6-1	56*	ND	10
A6-3	ND	12*	10
A6-5	ND	ND	10
A6-10	ND	ND	10
A6-15	ND	ND	10
A4-1	88*	16*	10
A4-3	75*	ND	10
A4-5	ND	ND	10
A4-10	ND	ND	10
A4-15	ND	ND	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as indicated

Modified 8015 - Fuel Screen

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No :	14401	Date Extracted:	02/09/99
Matrix:	Soil	Date Analyzed:	02/09/99
Analyst:	NBP	Batch Number:	8015DS1549

Fuel Identified:	Diesel	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
A3-1	ND	ND	10
A3-3	ND	ND	10
A3-5	ND	ND	10
A3-10	160	ND	10
A3-15	ND	ND	10
A2-1	ND	ND	10
A2-3	ND	ND	10
A2-5	ND	12*	10
A2-10	37	ND	10
A2-15	ND	ND	10
A1-1	ND	ND	10
A1-3	ND	10*	10
A1-5	ND	ND	10
A1-10	ND	ND	10
A1-15	ND	12*	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as Extractable Hydroc

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1547

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	102	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	102	99	3%	29%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015OS1546

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	100	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A7-15

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	105	102	3%	29%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1549

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	97	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	97	95	2%	29%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/05-08/99
Matrix:	Soil	Batch Number:	M18015GS0519
Analyst:	GR		8015GS2085

	Detection Limit	Petroleum Hydrocarbons as Gasoline
Sample ID	mg/kg	mg/kg
Method Blank	0.50	ND
B13-1	0.50	ND
B13-3	0.50	ND
B13-6	0.50	ND
A18-1	0.50	ND
A18-3	0.50	ND
A18-5	0.50	ND
A15-1	0.50	ND
A15-3	0.50	ND
A15-5	0.50	ND
A14-1	0.50	ND
A14-3	0.50	ND
A14-5	0.50	ND
A17-1	0.50	ND
A17-3	0.50	ND
A17-5	0.50	ND
A17-10	0.50	ND
A17-15	0.50	ND
A5-1	0.50	ND
A5-3	0.50	ND
A5-5	0.50	ND

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/05-08/99
Matrix:	Soil	Batch Number:	M18015GS0519
Analyst:	GR		8015GS2085
			8015GS2087

	Detection Limit	Petroleum Hydrocarbons as Gasoline
Sample ID	mg/kg	mg/kg
Method Blank	0.50	ND
A5-10	0.50	ND
A5-15	0.50	ND
A7-1	0.50	ND
A7-3	0.50	ND
A7-5	0.50	ND
A7-10	0.50	ND
A7-15	0.50	ND
A6-1	0.50	ND
A6-3	0.50	ND
A6-5	0.50	ND
A6-10	0.50	ND
A6-15	0.50	ND
A4-1	0.50	ND
A4-3	0.50	ND
A4-5	0.50	ND
A4-10	0.50	ND
A4-15	0.50	ND
A3-1	0.50	ND
A3-3	0.50	ND
A3-5	0.50	ND

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans, Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/08-09/99
Matrix:	Soil	Batch Number:	8015GS2088
Analyst:	GR		8015GS2089

	Detection Limit	Petroleum Hydrocarbons as Gasoline
Sample ID	mg/kg	mg/kg
Method Blank	0.50	ND
A3-10	0.50	0.54
A3-15	0.50	ND
A2-1	0.50	ND
A2-3	0.50	ND
A2-5	0.50	ND
A2-10	0.50	ND
A2-15	0.50	ND
A1-1	0.50	ND
A1-3	0.50	ND
A1-5	0.50	ND
A1-10	0.50	ND
A1-15	0.50	ND

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: M18015GS0519

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	111	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	11.13	10.58	5%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2085

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	95	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A-14-1

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	8.79	8.73	1%	25%	Pass

Analytical Notes:

MS Matrix Spike Sample
MSD Matrix Spike Duplicate

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2087

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery		Pass/Fail
Gasoline	10.0	94	70	- 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	9.37	9.03	4%	25%	Pass

Analytical Notes:

MS Matrix Spike Sample
MSD Matrix Spike Duplicate

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2088

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	94	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	9.37	9.03	4%	25%	Pass

Analytical Notes:

MS Matrix Spike Sample
MSD Matrix Spike Duplicate

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2089

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	95	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	9.54	9.75	2%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8020 - BTEX and MtBE

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/05-09/99
Matrix:	Soil	Batch Number:	8020S2085, 8020S2087
Analyst:	GR		8020S2088, 8020S2089

	Methyl-tert butyl ether	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (BFB)
Detection Limit:	0.005	0.005	0.005	0.005	0.015	Limit: >50%
Sample ID	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Method Blank	ND	ND	ND	ND	ND	96 %
A14-1	ND	ND	ND	ND	ND	87 %
A14-3	ND	ND	ND	ND	ND	88 %
A14-5	ND	ND	ND	ND	ND	95 %
A6-1	ND	ND	ND	ND	ND	84 %
A6-3	ND	ND	ND	ND	ND	94 %
A6-5	ND	ND	ND	ND	ND	95 %
A6-10	ND	ND	ND	ND	ND	95 %
A6-15	ND	ND	ND	ND	ND	94 %
A4-1	ND	ND	ND	ND	ND	97 %
A4-3	ND	ND	ND	ND	ND	79 %
A4-5	ND	ND	ND	ND	ND	94 %
A4-10	ND	ND	ND	ND	ND	98 %
A4-15	ND	ND	ND	ND	ND	77 %
A3-1	ND	ND	ND	ND	ND	77 %
A3-3	ND	ND	ND	ND	ND	95 %
A3-5	ND	ND	ND	ND	ND	65 %
A3-10	ND	ND	ND	ND	ND	82 %
A3-15	ND	ND	ND	ND	ND	70 %
A1-1	ND	ND	ND	ND	ND	92 %
A1-3	ND	ND	ND	ND	ND	93 %

EPA 8020 - BTEX and MtBE

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans, Bay Bridge West	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/09/99
Matrix:	Soil	Batch Number:	8020S2089
Analyst:	GR		

	Methyl-tert butyl ether	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (BFB)
Detection Limit:	0.005	0.005	0.005	0.005	0.015	Limit: >50%
Sample ID	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Method Blank	ND	ND	ND	ND	ND	96 %
A1-5	ND	ND	ND	ND	ND	97 %
A1-10	ND	ND	ND	ND	ND	89 %
A1-15	ND	ND	ND	ND	ND	94 %

QC Sample Report - EPA 8020

Centrum
(800) 798-9136

Matrix: Soil
Batch #: 8020S2085

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	99	70 - 130	Pass
Benzene	0.10	102	70 - 130	Pass
Toluene	0.10	99	70 - 130	Pass
Ethyl Benzene	0.10	95	70 - 130	Pass
m-, p-Xylene	0.20	101	70 - 130	Pass
o-Xylene	0.10	104	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A-14-1

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.009	0.009	4%	25%	Pass
Benzene	0.281	0.274	2%	25%	Pass
Toluene	0.792	0.779	2%	25%	Pass
Ethyl Benzene	0.159	0.158	1%	25%	Pass
m-, p-Xylene	0.577	0.572	1%	25%	Pass
o-Xylene	0.244	0.243	0%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8020

Centrum
(800) 798-9336

Matrix: Soil
Batch #: 8020S2087

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	95	70 - 130	Pass
Benzene	0.10	102	70 - 130	Pass
Toluene	0.10	100	70 - 130	Pass
Ethyl Benzene	0.10	94	70 - 130	Pass
m-, p-Xylene	0.20	102	70 - 130	Pass
o-Xylene	0.10	105	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.095	0.086	10%	25%	Pass
Benzene	0.102	0.105	3%	25%	Pass
Toluene	0.100	0.101	1%	25%	Pass
Ethyl Benzene	0.094	0.097	3%	25%	Pass
m-, p-Xylene	0.204	0.204	0%	25%	Pass
o-Xylene	0.105	0.106	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8020

Matrix: Soil
Batch #: 8020S2088

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	95	70 - 130	Pass
Benzene	0.10	102	70 - 130	Pass
Toluene	0.10	100	70 - 130	Pass
Ethyl Benzene	0.10	94	70 - 130	Pass
m-, p-Xylene	0.20	102	70 - 130	Pass
o-Xylene	0.10	105	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.095	0.086	10%	25%	Pass
Benzene	0.102	0.105	3%	25%	Pass
Toluene	0.100	0.101	1%	25%	Pass
Ethyl Benzene	0.094	0.097	3%	25%	Pass
m-, p-Xylene	0.204	0.204	0%	25%	Pass
o-Xylene	0.105	0.106	1%	25%	Pass

Analytical Notes:

MS Matrix Spike Sample
MSD Matrix Spike Duplicate

QC Sample Report - EPA 8020

Centrum
(800) 798-9336

Matrix: Soil
Batch #: 8020S2089

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	92	70 - 130	Pass
Benzene	0.10	107	70 - 130	Pass
Toluene	0.10	104	70 - 130	Pass
Ethyl Benzene	0.10	100	70 - 130	Pass
m-, p-Xylene	0.20	106	70 - 130	Pass
o-Xylene	0.10	109	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample,

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.092	0.101	9%	25%	Pass
Benzene	0.107	0.107	0%	25%	Pass
Toluene	0.104	0.104	0%	25%	Pass
Ethyl Benzene	0.100	0.101	1%	25%	Pass
m-, p-Xylene	0.212	0.214	1%	25%	Pass
o-Xylene	0.109	0.108	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approa	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/15/99
Matrix:	Soil	Date Analyzed:	02/24-27/99
Analyst:	TPW	Batch Number:	PCBS0264
			PCBS0265

	Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Tetrachloro-m-xylene	96	96	105	105	110	111

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approa	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/15/99
Matrix:	Soil	Date Analyzed:	02/24-27/99
Analyst:	TPW	Batch Number:	PCBS0264
			PCBS0265

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Tetrachloro-m-xylene	113	112	103	111	111	101

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approa	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/15/99
Matrix:	Soil	Date Analyzed:	02/24-27/99
Analyst:	TPW	Batch Number:	PCBS0264
			PCBS0265

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Tetrachloro-m-xylene	117	114	115	118	113	113

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans' Bay Bridge West Approa	Date Received:	02/05/99
Job No :	14401	Date Extracted:	02/15/99
Matrix:	Soil	Date Analyzed:	02/24-27/99
Analyst:	TPW	Batch Number:	PCBS0264
			PCBS0265

	Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Tetrachloro-m-xylene	119	109	119	94	99	102

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Approa	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/15/99
Matrix:	Soil	Date Analyzed:	02/24-27/99
Analyst:	TPW	Batch Number:	PC8S0264
			PC8S0265

	Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Tetrachloro-m-xylene	110	110	117	107	93	108

QC Sample Report - EPA 8080 PCB

Matrix: Other
Batch #: PCBS0264

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Aroclor 1242	0.0667	109	75 - 127	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Aroclor 1242	0.0727	0.0697	4%	24%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8080 PCB

Matrix: Other
Batch #: PCBS0265

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Aroclor 1242	0.0667	82	75 - 127	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Aroclor 1242	0.0548	0.0596	8%	24%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1 Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Dibromofluoromethane	102	110	105	107	107	109
Toluene-d8	101	104	102	100	103	105
Bromofluorobenzene	107	104	104	100	104	106

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans, Bay Bridge West Approach	Date Received:	02/05/99
Job No:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans. Bay Bridge West Approach
Job No.: 14401
Matrix. Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received. 02/05/99
Date Analyzed 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Dibromofluoromethane	109	105	104	110	104	106
Toluene-d8	105	101	96	98	95	100
Bromofluorobenzene	102	103	103	95	103	101

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EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans. Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2 Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1 Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2 Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis 1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No :	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Dibromofluoromethane	106	105	105	103	104	104
Toluene-d8	100	103	100	99	100	97
Bromofluorobenzene	105	102	105	104	102	99

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

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EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2 Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

Sample ID:		A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 120

Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Dibromofluoromethane	105	108	108	108	106	106
Toluene-d8	101	95	99	102	105	100
Bromofluorobenzene	102	92	104	99	96	103

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans' Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3 Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Dibromofluoromethane	104	108	110	103	106	109
Toluene-d8	99	100	105	100	97	105
Bromofluorobenzene	98	104	97	100	91	99

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

QC Sample Report - EPA Method 8260

Matrix: Soil
Batch #: 8260S1556

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
1,1-Dichloroethene	0.020	**114**	59 - 172	**Pass**
Benzene	0.020	**115**	66 - 142	**Pass**
Trichloroethene	0.020	**114**	71 - 137	**Pass**
Toluene	0.020	**109**	59 - 139	**Pass**
Chlorobenzene	0.020	**114**	60 - 133	**Pass**

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 14372-7

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
1,1-Dichloroethene	0.0223	0.0249	**11%**	22%	**Pass**
Benzene	0.0223	0.0231	**3%**	21%	**Pass**
Trichloroethene	0.0211	0.0230	**9%**	24%	**Pass**
Toluene	0.0208	0.0210	**1%**	21%	**Pass**
Chlorobenzene	0.0221	0.0231	**5%**	21%	**Pass**

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA Method 8260

Matrix: Soil
Batch #: 8260S1557

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
1,1-Dichloroethene	0.020	116	59 - 172	Pass
Benzene	0.020	120	66 - 142	Pass
Trichloroethene	0.020	120	71 - 137	Pass
Toluene	0.020	118	59 - 139	Pass
Chlorobenzene	0.020	113	60 - 133	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A2-3

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit (RPD)	Pass/Fail
1,1-Dichloroethene	0.0225	0.0204	10%	22%	Pass
Benzene	0.0228	0.0213	7%	21%	Pass
Trichloroethene	0.0229	0.0204	12%	24%	Pass
Toluene	0.0217	0.0197	10%	21%	Pass
Chlorobenzene	0.0192	0.0190	1%	21%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	Blank	B-13-3	B13-6	A18-1	A18-3	A18-6
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4 Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	Blank	B-13-3	B13-6	A18-1	A18-3	A18-6
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	ND	**2.3**	**0.58**	**1.6**	**1.9**	**3.3**
Pyrene	0.033	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	Blank	B-13-3	B13-6	A18-1	A18-3	A18-6
2-Fluorophenol (25 - 121%)	87	85	82	87	84	84
Phenol-D5 (24 - 113%)	93	88	87	93	91	89
Nitrobenzene-D5 (23 - 120%)	80	77	75	83	79	78
2-Fluorobiphenyl (30 - 115%)	78	72	74	80	78	75
2,4,6-Tribromophenol (19 - 122%)	79	77	76	80	69	77
p-Terphenyl-D14 (18 - 137%)	74	83	92	94	90	91

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

Sample ID:		A14-1	A14-3	A14-5	A6-1	A6-5	A6-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	0.069	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	0.040
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S04 / 4, 8270S0475

	Sample ID:	A14-1	A14-3	A14-5	A6-1	A6-5	A6-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	**0.073**
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	**1.9**	**2.7**	**0.21**	**4.0**	**0.27**	**0.19**
Pyrene	0.033	ND	ND	ND	ND	ND	**0.090**
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A14-1	A14-3	A14-5	A6-1	A6-5	A6-10
2-Fluorophenol (25 - 121%)	83	87	74	78	76	82
Phenol-D5 (24 - 113%)	88	92	80	82	81	86
Nitrobenzene-D5 (23 - 120%)	77	80	69	71	71	74
2-Fluorobiphenyl (30 - 115%)	75	77	70	69	70	71
2,4,6-Tribromophenol (19 - 122%)	78	82	76	76	77	75
p-Terphenyl-D14 (18 - 137%)	91	100	88	92	92	87

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans, Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	A6-15	A4-5	A4-10	A4-15	A3-1	A3-3
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	**0.047**	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	A6-15	A4-5	A4-10	A4-15	A3-1	A3-3
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	1.9	0.14	1.7	0.53	0.77	3.5
Pyrene	0.033	0.079	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A6-15	A4-5	A4-10	A4-15	A3-1	A3-3
2-Fluorophenol (25 - 121%)	83	109	82	84	72	104
Phenol-D5 (24 - 113%)	88	112	87	88	76	109
Nitrobenzene-D5 (23 - 120%)	75	89	76	76	67	93
2-Fluorobiphenyl (30 - 115%)	73	95	72	73	64	92
2,4,6-Tribromophenol (19 - 122%)	84	85	77	75	69	95
p Terphenyl-D14 (18 - 137%)	100	107	91	89	89	111

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	827050474, 827050475

	Sample ID:	A3-5	A3-15	A1-1	A1-3	A1-10	A1-15
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	0.17	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2 methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

Sample ID:		A3-5	A3-15	A1-1	A1-3	A1-10	A1-15
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	1.6	1.2	1.7	2.9	0.87	0.51
Pyrene	0.033	ND	ND	ND	ND	0.036	ND
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A3-5	A3-15	A1-1	A1-3	A1-10	A1-15
2-Fluorophenol (25 - 121%)	103	107	102	105	92	96
Phenol-D5 (24 - 113%)	109	110	107	108	97	101
Nitrobenzene-D5 (23 - 120%)	94	94	90	94	83	87
2-Fluorobiphenyl (30 - 115%)	93	93	90	94	84	90
2,4,6-Tribromophenol (19 - 122%)	95	103	96	99	91	98
p-Terphenyl D14 (18 - 137%)	116	108	112	112	123	115

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	827050474, 827050475

	Sample ID:	Blank	B13-1	A6-3	A4-1	A4-3	A3-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.33	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.33	ND	ND	ND	ND	ND	ND
Anthracene	0.33	ND	ND	ND	ND	ND	0.73
Benzo[a]anthracene	0.66	ND	ND	ND	ND	ND	1.2
Benzo[a]pyrene	0.66	ND	ND	ND	ND	ND	0.83
Benzo[b]fluoranthene	0.33	ND	ND	ND	ND	ND	1.3
Benzo[g,h,i]perylene	0.99	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.99	ND	ND	ND	ND	ND	1.3
Benzyl alcohol	1.3	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.66	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.66	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.99	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	3.3	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.33	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.33	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	1.6	ND	ND	ND	ND	ND	ND
4-Chloroaniline	1.6	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Chlorophenol	1.3	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.33	ND	ND	ND	ND	ND	ND
Chrysene	0.33	ND	ND	ND	ND	ND	1.0
Di-n-butylphthalate	3.3	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.33	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.99	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.33	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	1.3	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1.6	ND	ND	ND	ND	ND	ND
Diethylphthalate	3.3	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.99	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.33	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	3.3	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	16	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.33	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	IPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	Blank	B13-1	A6-3	A4-1	A4-3	A3-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.99	ND	ND	ND	ND	ND	ND
Fluoranthene	0.33	ND	ND	ND	ND	ND	**2.0**
Fluorene	0.33	ND	ND	ND	ND	ND	**0.43**
Hexachlorobenzene	0.33	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.33	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	16	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.33	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	1.3	ND	ND	ND	ND	ND	ND
Isophorone	0.33	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Methylphenol	1.6	ND	ND	ND	ND	ND	ND
4-Methylphenol	1.6	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.33	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.33	ND	ND	ND	ND	ND	ND
Naphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.99	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.99	ND	ND	ND	ND	ND	ND
4-Nitroaniline	3.3	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.99	ND	ND	ND	ND	ND	ND
2-Nitrophenol	1.3	ND	ND	ND	ND	ND	ND
4-Nitrophenol	3.3	ND	ND	ND	ND	ND	ND
Pentachlorophenol	16	ND	ND	ND	ND	ND	ND
Phenanthrene	0.66	ND	ND	ND	ND	ND	**2.1**
Phenol	1.3	ND	**3.1**	**6.6**	**8.4**	**4.3**	ND
Pyrene	0.33	ND	ND	ND	ND	ND	**2.8**
1,2,4-Trichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	3.3	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	Blank	B13-1	A6-3	A4-1	A4-3	A3-10
2-Fluorophenol (25 - 121%)	87	101	102	103	107	101
Phenol-D5 (24 - 113%)	93	104	105	107	111	100
Nitrobenzene-D5 (23 - 120%)	80	84	84	86	87	79
2-Fluorobiphenyl (30 - 115%)	78	89	89	93	96	85
2,4,6-Tribromophenol (19 - 122%)	79	82	85	85	88	80
p-Terphenyl-D14 (18 - 137%)	74	106	110	104	110	111

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

Sample ID:	Blank	B13-1
Compound	DL	mg/Kg	mg/Kg
Acenaphthene	0.33	ND	ND
Acenaphthylene	0.33	ND	ND
Anthracene	0.33	ND	ND
Benzo[a]anthracene	0.66	ND	ND
Benzo[a]pyrene	0.66	ND	ND
Benzo[b]fluoranthene	0.33	ND	ND
Benzo[g,h,i]perylene	0.99	ND	ND
Benzo[k]fluoranthene	0.99	ND	ND
Benzyl alcohol	1.3	ND	ND
bis(2-Chloroethoxy)methane	0.66	ND	ND
bis(2-Chloroethyl)ether	0.66	ND	ND
bis(2-Chloroisopropyl)ether	0.99	ND	ND
bis(2-Ethylhexyl)phthalate	3.3	ND	ND
4-Bromophenylphenylether	0.33	ND	ND
Butylbenzylphthalate	0.33	ND	ND
4-Chloro-3-methylphenol	1.6	ND	ND
4-Chloroaniline	1.6	ND	ND
2-Chloronaphthalene	0.33	ND	ND
2-Chlorophenol	1.3	ND	ND
4-Chlorophenylphenylether	0.33	ND	ND
Chrysene	0.33	ND	ND
Di-n-butylphthalate	3.3	ND	ND
Di-n-octylphthalate	0.33	ND	ND
Dibenzo[a,h]anthracene	0.99	ND	ND
Dibenzofuran	0.33	ND	ND
1,2-Dichlorobenzene	0.33	ND	ND
1,3-Dichlorobenzene	0.33	ND	ND
1,4-Dichlorobenzene	0.33	ND	ND
3,3-Dichlorobenzidine	1.3	ND	ND
2,4-Dichlorophenol	1.6	ND	ND
Diethylphthalate	3.3	ND	ND
2,4-Dimethylphenol	0.99	ND	ND
Dimethylphthalate	0.33	ND	ND
4,6-Dinitro-2-methylphenol	3.3	ND	ND
2,4-Dinitrophenol	16	ND	ND
2,4-Dinitrotoluene	0.33	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	Blank	B13-1
Compound	DL	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.99	ND	ND
Fluoranthene	0.33	ND	ND
Fluorene	0.33	ND	ND
Hexachlorobenzene	0.33	ND	ND
Hexachlorobutadiene	0.33	ND	ND
Hexachlorocyclopentadiene	16	ND	ND
Hexachloroethane	0.33	ND	ND
Indeno[1,2,3-c,d]pyrene	1.3	ND	ND
Isophorone	0.33	ND	ND
2-Methylnaphthalene	0.33	ND	ND
2-Methylphenol	1.6	ND	ND
4-Methylphenol	1.6	ND	ND
N-Nitrosodi-n-propylamine	0.33	ND	ND
N-Nitrosodiphenylamine	0.33	ND	ND
Naphthalene	0.33	ND	ND
2-Nitroaniline	0.99	ND	ND
3-Nitroaniline	0.99	ND	ND
4-Nitroaniline	3.3	ND	ND
Nitrobenzene	0.99	ND	ND
2-Nitrophenol	1.3	ND	ND
4-Nitrophenol	3.3	ND	ND
Pentachlorophenol	16	ND	ND
Phenanthrene	0.66	ND	ND
Phenol	1.3	ND	ND
Pyrene	0.33	ND	ND
1,2,4-Trichlorobenzene	0.33	ND	ND
2,4,5-Trichlorophenol	2	ND	ND
2,4,6-Trichlorophenol	3.3	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	Blank	B13-1
2-Fluorophenol (25 - 121%)	87	103
Phenol-D5 (24 - 113%)	93	104
Nitrobenzene-D5 (23 - 120%)	80	79
2-Fluorobiphenyl (30 - 115%)	76	88
2,4,6-Tribromophenol (19 - 122%)	79	66
p-Terphenyl-D14 (18 - 137%)	74	112

QC Sample Report - EPA 8270

Batch #: 827050474 Matrix: Soil

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Phenol	1.89	86	5 - 112	Pass
2-Chlorophenol	2.04	87	23 - 134	Pass
1,4-Dichlorobenzene	1.10	82	20 - 124	Pass
N-Nitrosodi-n-propylamine	1.06	102	0 - 230	Pass
1,2,4-Trichlorobenzene	1.49	84	44 - 142	Pass
4-Chloro-3-Methylphenol	2.61	85	22 - 147	Pass
Acenaphthene	1.09	79	47 - 145	Pass
4-Nitrophenol	2.30	100	0 - 132	Pass
2,4-Dinitrotoluene	1.35	82	39 - 139	Pass
Pentachlorophenol	2.72	89	14 - 176	Pass
Pyrene	0.97	96	52 - 115	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Phenol	2.29	2.29	0%	35%	Pass
2-Chlorophenol	2.33	2.36	1%	50%	Pass
1,4-Dichlorobenzene	1.09	1.12	2%	27%	Pass
N-Nitrosodi-n-propylamine	1.35	1.31	3%	38%	Pass
1,2,4-Trichlorobenzene	1.12	1.14	2%	23%	Pass
4-Chloro-3-Methylphenol	2.27	2.38	5%	33%	Pass
Acenaphthene	1.05	1.09	4%	23%	Pass
4-Nitrophenol	2.66	2.46	8%	50%	Pass
2,4-Dinitrotoluene	1.09	0.92	17%	47%	Pass
Pentachlorophenol	2.38	2.11	12%	47%	Pass
Pyrene	1.28	1.33	3%	36%	Pass

Analytical Notes:

QC Sample Report - EPA 8270

Batch #: 8270S0475 Matrix: Soil

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Phenol	1.89	102	5 - 112	Pass
2-Chlorophenol	2.04	106	23 - 134	Pass
1,4-Dichlorobenzene	1.10	100	20 - 124	Pass
N-Nitrosodi-n-propylamine	1.06	115	0 - 230	Pass
1,2,4-Trichlorobenzene	1.49	103	44 - 142	Pass
4-Chloro-3-Methylphenol	2.61	104	22 - 147	Pass
Acenaphthene	1.09	99	47 - 145	Pass
4-Nitrophenol	2.30	108	0 - 132	Pass
2,4-Dinitrotoluene	1.35	92	39 - 139	Pass
Pentachlorophenol	2.72	95	14 - 176	Pass
Pyrene	0.97	114	52 - 115	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Phenol	2.71	2.71	0%	35%	Pass
2-Chlorophenol	2.82	2.77	2%	50%	Pass
1,4-Dichlorobenzene	1.34	1.30	3%	27%	Pass
N-Nitrosodi-n-propylamine	1.53	1.39	10%	38%	Pass
1,2,4-Trichlorobenzene	1.37	1.27	8%	23%	Pass
4-Chloro-3-Methylphenol	2.78	2.59	7%	33%	Pass
Acenaphthene	1.32	1.31	1%	23%	Pass
4-Nitrophenol	2.89	2.59	11%	50%	Pass
2,4-Dinitrotoluene	1.22	1.24	1%	47%	Pass
Pentachlorophenol	2.53	2.98	16%	47%	Pass
Pyrene	1.52	1.43	6%	36%	Pass

Analytical Notes:

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
REDLANDS, CA 92373
(909) 798 9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14401

Page 1 of 7

Project No: 575 - 86001
Project Name: Caltrans: Bay Bridge West Approach
Project Manager: Frank Poss
Phone: (510) 785-1111 Fax: (510) 785-1192
Client Name (Company): P.S.I.
Address: 1320 W. Winton Ave, Hayward, CA

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GC/MS: 8260	8040	8270	Pesticides 8080	PCBs 8080	8015M Diesel Fuel Screen	8020 BTEX	418.1 (TRPH)	Semi-Volatiles 8270 625	Metals: TTLC(CAM) pp RCRA	Lead Only	pH TDS TSS Conductivity COD	Fluoride Hex Chrome	TPH - Speciation	6010 17 Metals
1	B3-2-30	2/3/99	915	S	West Anchorage	Acetate Sleeves	X			X					X					X	X
2	B13-1		1020																		
3	B13-3		1025																		
4	B13-6		1030																		
5	A18-1		1050																		
6	A18-3		1055																		
7	A18-6		1100																		
8	A15-1		1210																		
9	A15-3		1215													NO					
10	A15-5		1225																		

Relinquished by (Sampler's Signature): Date 2/4/99 Time 1700
Received by: Date Time
Relinquished by: Date Time
Received by: Date Time
Relinquished by: Date Time
Received for Laboratory by: Date 10:00 2/5/99 Time

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:
Samples chilled? ☒ Yes ☐ No
Custody seals? ☐ Yes ☒ No
All sample containers intact? ☒ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
x Airborne

Turn-around time
☐ 24 Hr RUSH*
☐ 48 Hr. RUSH*
☒ Normal TAT
* Requires prior approval, additional charges apply

Remarks/ Special Instructions

Sample Disposal
☐ Client will pick up
☐ Return to client
☒ Lab disposal fee $5

Sample Locator No: F-5

Laboratory Notes: Archive any sample ending with "20". ie. A-1-20

White Copy - Original (Accompanies Samples)
Yellow Copy - Centrum Files
Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

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REDLANDS, CA 92373

(909) 798-9336 • (800) 798 9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14401

Page 2 of 7

Project No: 575-8G001
Project Name: Caltrans: West Approach
Project Manager
Phone
Fax:
Client Name (Company)
Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	8260/624/8240 GCMS	8080/PCBs Pesticides/PCBs	3015M: Diesel Fuel Screen	8020/BTEX	418.1 (TRPH)	Semivolatiles: 8270/625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH-Spec	6010 17 Metals
11	A14-1	2/3/99	1335	S						X		X					X	X
12	A14-3		1340															
13	A14-5		1345															
14	A17-1		1500				X	X										
15	A17-3		1505															
16	A17-5		1510															
17	A17-10		1530															
18	A17-15		1545															
19	A17-20		1605															
20	A5-1	2/4/99	745				X	X									X	X

Turn-around time
- ☐ 24 Hr RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

*Requires prior approval, additional charges apply

Remarks/ Special Instructions: Archive

Relinquished by (Sampler's Signature) — Date 2/4/99 — Time 1700
Received by — Date — Time

Relinquished by: — Date — Time
Received by: — Date — Time
Relinquished by: — Date — Time
Received for Laboratory by — Date 2/5/99 — Time 10:40

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:
- Samples chilled? ☒ Yes ☐ No
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
- X Air bill

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Sample Locator No.: F-5

Laboratory Notes

White Copy - Original (Accompanies Samples) — Yellow Copy - Centrum Files — Pink Copy - Client Copy

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FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14401

Page 3 of 7

Project No: 575-8G001
Project Name: Caltrans: West Approach
Project Manager
Phone:
Fax:
Client Name (Company)
Address:

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers # and type	GCMS: 8260	8080 PCBs (PCBs) Pesticides	8015M: Diesel Fuel Screen	8020 (BTEX)	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Spec.	6010 17 Metals
21	A5-3	2/4/99	750	S			X	X									X	X
22	A5-5	↓	800	↓			↓	↓									↓	↓
23	A5-10		910															
24	A5-15		820															
25	A5-20		825															
26	A7-1		845				X	X									X	X
27	A7-3		850				↓	↓									↓	↓
28	A7-5		855															
29	A7-10		900															
30	A7-15	↓	905	↓			↓	↓									↓	↓

Analyses Requested

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr RUSH*
- ☒ Normal TAT
  * Requires prior approval additional charges apply

Remarks/ Special Instructions: Archive

Relinquished by (Sampler's Signature): Date 2/4/99 Time 1700
Received by: Date Time
Relinquished by: Date Time
Received by: Date Time
Relinquished by: Date Time
Received for Laboratory by: Date 2/5/99 Time 10:00

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
Samples chilled? ☒ Yes ☐ No
Custody seals? ☐ Yes ☒ No
All sample containers intact? ☒ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
K M B

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Sample Locator No.: F-5

Laboratory Notes

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

14401

Centrum Analytical Laboratories, Inc.

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REDLANDS, CA 92373
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FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14401

Project No: 575-80001
Project Name: Caltrans : West Approach
Project Manager
Phone: Fax:
Client Name (Company)
Address

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260	8260 Oxygenates	8260 Petroleum	GCMS: 8260	8260 Petroleum	8015M: Diesel Fuel Screen	8020 Benzene (BTEX)	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Fleshpoint Fluoride Hex Chrome	TPH-Spec.	6010 17 Metals
31	A7-20	2/4/99	915	S									X		X					X	X
32	A6-1		935																		
33	A6-3		940																		
34	A6-5		945																		
35	A6-10		950																		
36	A6-15		1000																		
37	A6-20		1010																		
38	A4-1		1025										X		X					X	X
39	A4-3		1030																		
40	A4-5	↓	1035	↓																	

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval and additional charges apply

Remarks/ Special Instructions

Archive Did Not Receive

Archive

Relinquished by (Sampler's Signature) — Date 2/4/99 Time 1700
Received by — Date — Time
Relinquished by: — Date — Time
Received by: — Date — Time
Relinquished by: — Date — Time
Received for Laboratory by: — Date 2/5/99 Time 10:00

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:
- Samples chilled? ☒ Yes ☐ No
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

X.A.B.

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Sample Locator No: F-5

Laboratory Notes

White Copy - Original (Accompanies Samples)
Yellow Copy - Centrum Files
Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.
290 TENNESSEE STREET
REDLANDS, CA 92373
(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14401

Page 5 of 7

Project No: 575-8G001
Project Name: Caltrans: West Approach
Project Manager:
Phone: (510) 785-1111 Fax: (510) 785-1192
Client Name (Company):
Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers # and type	GCMS: 8260	8080 (PCBs)	8015M: Diesel Fuel Screen	8020 (BTEX)	418.1 (TRPH)	Semivolatiles: 8270/625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH- Spec.	6010 17 Metals
41	A4-10	2/4/99	1045	S						X		X					X	X
42	A4-15		1050							X		X					X	X
43	A4-20		1105															Archive
44	A3-1		1225							X		X					X	X
45	A3-3		1230															
46	A3-5		1235															
47	A3-10		1240															
48	A3-15		1245															
49	A3-20		1255															Archive
50	A2-1		1330				X	X									X	X

Relinquished by (Sampler's Signature): S
Date: 2/4/99 Time: 1700

Received by:
Date: Time:

Relinquished by:
Date: Time:

Received by:
Date: Time:

Relinquished by:
Date: Time:

Received for laboratory by: Kathy Mart
Date: 2/5/99 Time: 1000

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:
Samples chilled? ☒ Yes ☐ No
Custody seals? ☐ Yes ☐ No
All sample containers intact? ☒ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
x A.B.

Turn-around time
☐ 24 Hr. RUSH*
☐ 48 Hr. RUSH*
☒ Normal TAT
* Requires prior approval, additional charges apply

Remarks/ Special Instructions

Sample Disposal
☐ Client will pick up
☐ Return to client
☐ Lab disposal fee $5

Sample Locator No: F-5

Laboratory Notes

White Copy - Original (Accompanies Samples)
Yellow Copy - Centrum Files
Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

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FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14401

Page 6 of 7

Project No: 575-80-001
Project Name: Caltrans: West Approach
Project Manager
Phone
Fax
Client Name (Company)
Address

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS 8260	8260	8015M: Diesel Fuel Screen	8020 (BTEX)	418.1 (TRPH)	Semivolatiles: 8270/625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Spec.	6010 17 Metals
S1	A2-3	2/4/99	1335	S			X	X									X	X
S2	A2-5		1355															
S3	A2-10		1400															
S4	A2-15		1410															
S5	A2-20		1420															
S6	A1-1		1425							X		X					X	X
S7	A1-3		1430															
S8	A1-5		1435															
S9	A1-10		1440															
S10	A1-15	↓	1450	↓														

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval and additional charges apply

Remarks/ Special Instructions

Archive.

added per Scott Buono

Relinquished by (Sampler's Signature)	Date	Time
	2/4/99	1700

Received by	Date	Time

Relinquished by	Date	Time

Received for laboratory by	Date	Time
[signature]	2/5/99	10:00

To be completed by laboratory personnel:
- Samples chilled? ☒ Yes ☐ No
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

X A.B.

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☒ Lab disposal fee $5

Sample Locator No: F-5

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

Laboratory Notes

White Copy - Original (Accompanies Samples)

Yellow Copy - Centrum Files

Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

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REDLANDS, CA 92373
(909) 798 9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14401

Project No: 575-86001
Project Name: Caltrans : West Approach
Project Manager
Phone.
Fax.
Client Name (Company)
Address

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 524.2	8080 PCBs Pesticides	8015M: Diesel Fuel Screen	8020 BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC/(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome			
01	A1-20	2/4/99	1500	S															

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☐ Normal TAT

* Requires prior approval, additional charges apply

Remarks/ Special Instructions: Archive

Relinquished by (Sampler's Signature) — Date 2/4/99 — Time 1700
Received by — Date — Time
Relinquished by: — Date — Time
Received by — Date — Time
Relinquished by — Date — Time
Received for Laboratory by — Date 2/4/99 — Time 1700

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:
- Samples chilled? ☑ Yes ☐ No
- Custody seals? ☐ Yes ☑ No
- All sample containers intact? ☑ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes

Sample Locator No: F-5

White Copy - Original (Accompanies Samples)
Yellow Copy - Centrum Files
Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W.Winton Ave.
Hayward, CA 94545

Date Sampled: 02/06/99
Date Received: 02/11/99
Job Number: 14427

Project: Caltrans; Bay Bridge West Approach

CASE NARRATIVE

The following information applies to samples which were received on 02/11/99 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

7471: The result for mercury in some samples exceeded the calibration range. Due to a deficiency in EPA Method 7471, re-analysis at a dilution is not possible; mercury was reported from the initial run as an estimated value.

8270: Some samples were run at a dilution due to high levels of hydrocarbons in the sample; consequently, detection limits were raised.

SF West
raw lab. #'s
Lab. pkd. #'s

Report Approved by:

Robert R. Clark, Ph.D
Laboratory Director

ELAP # 1184

DL : Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions.
ND : Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit.
NA : Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for.

Lead By ICP

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No :	14427	Date Digested:	02/18/99
Matrix:	Soil	Date Analyzed:	02/18/99
Analyst:	RVJ	Batch Number:	6010S1145
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
TTBCC-1-15	5.0	ND
TTB69-4-20	5.0	ND
TTB68-4-15	5.0	ND
TTB62-4-15	5.0	ND
TTB64-2-20	5.0	ND
TTB65-1-20	5.0	6.8
TTB34-1-10	5.0	250
TTB2-2-10	5.0	1,200

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1145

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	102.8	80 - 120	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A19-3

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	361.9	322.9	11%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Metals

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No:	14427	Date Digested:	02/12/99
Matrix:	Soil	Date Analyzed:	02/12-16/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1143

		Sample ID:	Blank	A9-1	A9-3	A9-5	A9-10	A9-15
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	ND	12	18	12	11	11
Barium	6010	5.0	ND	62	74	60	69	34
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	ND	32	44	70	48	77
Cobalt	6010	2.5	ND	7.5	7.6	6.6	5.7	5.9
Copper	6010	2.5	ND	13	15	11	11	7.9
Lead	6010	5.0	ND	9.1	10	14	5.3	ND
Mercury	7471	0.10	ND	ND	ND	ND	ND	ND
Molybdenum	6010	5.0	ND	6.7	8.5	6.9	6.4	6.5
Nickel	6010	5.0	ND	38	41	51	31	58
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	ND	35	51	46	38	40
Zinc	6010	5.0	ND	35	39	34	30	23

Metals

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No:	14427	Date Digested:	02/12/99
Matrix:	Soil	Date Analyzed:	02/12-16/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1143

		Sample ID:	A8-1	A8-3	A8-5	A8-10	A8-15
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND
Arsenic	6010	5.0	**31**	**13**	**19**	**7.3**	**14**
Barium	6010	5.0	**200**	**110**	**89**	**9.2**	**78**
Beryllium	6010	5.0	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND
Chromium	6010	2.5	**25**	**51**	**48**	**40**	**55**
Cobalt	6010	2.5	**16**	**9.6**	**19**	**3.9**	**5.3**
Copper	6010	2.5	**36**	**21**	**8.1**	**3.6**	**14**
Lead	6010	5.0	**16**	**94**	**10**	ND	**5.4**
Mercury	7471	0.10	ND	**0.33**	ND	ND	ND
Molybdenum	6010	5.0	**12**	**7.0**	**7.3**	**5.2**	**7.3**
Nickel	6010	5.0	**53**	**38**	**48**	**22**	**33**
Selenium	6010	10	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND
Vanadium	6010	5.0	**33**	**42**	**45**	**34**	**48**
Zinc	6010	5.0	**97**	**83**	**37**	**49**	**35**

Metals

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No:	14427	Date Digested:	02/15/99
Matrix:	Soil	Date Analyzed:	02/23/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1144

		Sample ID:	Blank	A10-1	A10-3	A10-5	A10-10	A11-1
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	ND	11	15	17	15	14
Barium	6010	5.0	ND	94	55	36	240	39
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	ND	27	66	56	39	47
Cobalt	6010	2.5	ND	6.8	8.6	6.5	8.3	9.5
Copper	6010	2.5	ND	44	10	12	45	11
Lead	6010	5.0	ND	390	ND	ND	690	ND
Mercury	7471	0.10	ND	ND	ND	0.20	0.59	ND
Molybdenum	6010	5.0	ND	6.1	7.1	8.2	7.1	7.3
Nickel	6010	5.0	ND	38	42	44	29	30
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	ND	27	60	59	39	47
Zinc	6010	5.0	ND	88	31	33	260	30

Metals

Client:	PSI	Date Sampled:	02/08/99
Project:	Caltrans' Bay Bridge West Approach	Date Received:	02/11/99
Job No:	14427	Date Digested:	02/15/99
Matrix:	Soil	Date Analyzed:	02/23/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1144

		Sample ID:	A11-3	A11-5	A11-10	A12-1	A12-3	A12-5
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	15	15	32	17	13	5.7
Barium	6010	5.0	68	75	100	87	62	61
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	54	57	27	50	59	52
Cobalt	6010	2.5	6.7	8.1	11	10	8.7	6.4
Copper	6010	2.5	12	13	34	9.6	7.3	8.4
Lead	6010	5.0	ND	ND	17	6.1	ND	7.6
Mercury	7471	0.10	ND	ND	ND	ND	ND	ND
Molybdenum	6010	5.0	8.0	8.0	12	8.5	8.3	ND
Nickel	6010	5.0	34	44	44	36	59	28
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	46	45	32	56	46	49
Zinc	6010	5.0	32	30	92	34	28	28

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14427
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Digested: 02/15/99
Date Analyzed: 02/23/99
Batch Number: 6010S1144

		Sample ID:	A12-10	A12-15	A13-1	A13-3	A13-5	A13-10
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	11	9.1	9.8	13	8.0	ND
Barium	6010	5.0	91	65	130	120	87	58
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	70	75	42	67	30	57
Cobalt	6010	2.5	14	9.8	10	17	5.7	5.6
Copper	6010	2.5	10	6.8	20	12	12	5.7
Lead	6010	5.0	5.6	ND	130	62	55	84
Mercury	7471	0.10	ND	ND	0.14	0.20	6.9*	ND
Molybdenum	6010	5.0	ND	ND	ND	ND	ND	ND
Nickel	6010	5.0	49	38	34	50	37	31
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	9.6	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	70	63	40	60	24	30
Zinc	6010	5.0	34	31	63	75	42	36

*This concentration for Mercury is an estimated value: see Case Narrative.

Metals

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No.	14427	Date Digested:	02/15/99
Matrix:	Soil	Date Analyzed:	02/23/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1144

		Sample ID:	A18-10	A18-15	A19-1
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND
Arsenic	6010	5.0	10	7.8	15
Barium	6010	5.0	75	80	68
Beryllium	6010	5.0	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND
Chromium	6010	2.5	50	65	40
Cobalt	6010	2.5	11	6.8	9.1
Copper	6010	2.5	10	16	210
Lead	6010	5.0	40	6.3	68
Mercury	7471	0.10	ND	ND	6.9*
Molybdenum	6010	5.0	ND	ND	ND
Nickel	6010	5.0	34	37	34
Selenium	6010	10	ND	ND	ND
Silver	6010	5.0	ND	ND	ND
Thallium	6010	10	ND	ND	ND
Vanadium	6010	5.0	37	43	41
Zinc	6010	5.0	36	36	88

*This concentration for Mercury is an estimated value; see Case Narrative.

Metals

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No:	14427	Date Digested:	02/16/99
Matrix:	Soil	Date Analyzed:	02/18-03/01/99
Analyst:	RVJ/RLB/TLR	Batch Number:	6010S1145

		Sample ID:	Blank	A19-3	A19-5	A19-10	A19-15	B14-1
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	ND	23	23	ND	5.5	38
Barium	6010	5.0	ND	120	320	12	14	290
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	ND	45	40	29	39	22
Cobalt	6010	2.5	ND	7.7	8.2	4.4	5.2	11
Copper	6010	2.5	ND	87	92	3.1	3.3	360
Lead	6010	5.0	ND	330	150	ND	ND	340
Mercury	7471	0.10	ND	7.8*	8.0*	ND	ND	0.83
Molybdenum	6010	5.0	ND	6.4	7.1	ND	ND	11
Nickel	6010	5.0	ND	31	32	22	26	38
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	ND	44	40	24	34	40
Zinc	6010	5.0	ND	170	160	17	20	700

*These concentrations for Mercury are estimated values; see Case Narrative.

Metals

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No:	14427	Date Digested:	02/18/99
Matrix:	Soil	Date Analyzed:	02/18-03/01/99
Analyst:	RVJ/RLB/TLR	Batch Number:	601051145

		Sample ID:	B14-3	B14-6	B15-1	B15-3	B15-6
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND
Arsenic	6010	5.0	39	5.1	9.5	8.9	5.4
Barium	6010	5.0	12	9.9	250	78	16
Beryllium	6010	5.0	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND
Chromium	6010	2.5	24	39	18	44	41
Cobalt	6010	2.5	24	4.4	8.6	6.0	4.8
Copper	6010	2.5	100	3.7	18	25	ND
Lead	6010	5.0	11	ND	49	82	ND
Mercury	7471	0.10	2.9*	1.6	0.42	ND	ND
Molybdenum	6010	5.0	ND	ND	6.0	5.7	ND
Nickel	6010	5.0	24	19	25	25	22
Selenium	6010	10	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND
Vanadium	6010	5.0	45	36	26	39	34
Zinc	6010	5.0	15	19	51	75	21

*This concentration for Mercury is an estimated value; see Case Narrative.

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1143
MS/MSD Sample ID: **14415-1**

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony**	51.0	50.7	0%	20%	Pass	50	102	75 - 125	Pass
Arsenic	59.3	58.7	1%	20%	Pass	50	98	75 - 125	Pass
Barium**	48.5	49.0	1%	20%	Pass	50	97	75 - 125	Pass
Beryllium	44.7	41.7	7%	20%	Pass	50	93	75 - 125	Pass
Cadmium	49.6	46.7	6%	20%	Pass	50	98	75 - 125	Pass
Chromium	60.8	61.5	1%	20%	Pass	50	100	75 - 125	Pass
Cobalt	55.1	54.5	1%	20%	Pass	50	99	75 - 125	Pass
Copper	61.5	64.6	5%	20%	Pass	50	98	75 - 125	Pass
Lead	52.0	50.5	3%	20%	Pass	50	101	75 - 125	Pass
Mercury	2.87	2.82	2%	20%	Pass	2.5	109	75 - 125	Pass
Molybdenum	54.1	53.5	1%	20%	Pass	50	97	75 - 125	Pass
Nickel	57.5	57.5	0%	20%	Pass	50	100	75 - 125	Pass
Selenium	48.3	45.9	5%	20%	Pass	50	94	75 - 125	Pass
Silver	47.6	44.8	6%	20%	Pass	50	92	75 - 125	Pass
Thallium	53.9	51.6	4%	20%	Pass	50	95	75 - 125	Pass
Vanadium	80.2	86.8	8%	20%	Pass	50	100	75 - 125	Pass
Zinc	90.4	101	11%	20%	Pass	50	102	75 - 125	Pass

Analytical Notes

**The MS/MSD for this analyte did not meet the acceptance criteria due to a sample matrix effect. The LCS / LCSD pair was used to provide precision data for this batch.

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1144
MS/MSD Sample ID: A12-3

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	19.4	23.0	17%	20%	Pass	50	104	75 - 125	Pass
Arsenic	62.4	65.8	5%	20%	Pass	50	107	75 - 125	Pass
Barium	105	109	5%	20%	Pass	50	101	75 - 125	Pass
Beryllium	44.8	46.3	3%	20%	Pass	50	96	75 - 125	Pass
Cadmium	46.6	48.3	3%	20%	Pass	50	99	75 - 125	Pass
Chromium	115	111	4%	20%	Pass	50	102	75 - 125	Pass
Cobalt	54.9	57.1	4%	20%	Pass	50	100	75 - 125	Pass
Copper	52.6	54.7	4%	20%	Pass	50	99	75 - 125	Pass
Lead	51.2	53.1	4%	20%	Pass	50	101	75 - 125	Pass
Mercury	2.42	2.64	9%	20%	Pass	2.5	105	75 - 125	Pass
Molybdenum	53.4	55.8	4%	20%	Pass	50	99	75 - 125	Pass
Nickel	105	106	1%	20%	Pass	50	101	75 - 125	Pass
Selenium	42.6	42.4	1%	20%	Pass	50	94	75 - 125	Pass
Silver	45.0	46.5	3%	20%	Pass	50	95	75 - 125	Pass
Thallium	44.8	46.5	4%	20%	Pass	50	95	75 - 125	Pass
Vanadium	91.8	95.0	3%	20%	Pass	50	102	75 - 125	Pass
Zinc	74.7	76.8	3%	20%	Pass	50	107	75 - 125	Pass

Analytical Notes

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1145
MS/MSD Sample ID: A19-3

	Batch Precision Results:					Batch Accuracy Results:			
Metal	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	22.9	20.8	9%	20%	Pass	50	106	75 - 125	Pass
Arsenic	68.5	68.6	0%	20%	Pass	50	100	75 - 125	Pass
Barium	180	174	3%	20%	Pass	50	102	75 - 125	Pass
Beryllium	47.2	48.2	2%	20%	Pass	50	98	75 - 125	Pass
Cadmium	48.2	48.7	1%	20%	Pass	50	101	75 - 125	Pass
Chromium	93.8	92.5	1%	20%	Pass	50	105	75 - 125	Pass
Cobalt	55.9	56.7	1%	20%	Pass	50	104	75 - 125	Pass
Copper**	51.1	50.7	1%	20%	Pass	50	102	75 - 125	Pass
Lead	362	323	11%	20%	Pass	50	103	75 - 125	Pass
Mercury	10.2	8.67	16%	20%	Pass	2.5	106	75 - 125	Pass
Molybdenum	55.5	57.4	3%	20%	Pass	50	102	75 - 125	Pass
Nickel	84.1	82.1	2%	20%	Pass	50	105	75 - 125	Pass
Selenium	41.8	42.1	1%	20%	Pass	50	98	75 - 125	Pass
Silver	48.5	48.5	0%	20%	Pass	50	99	75 - 125	Pass
Thallium	49.3	49.3	0%	20%	Pass	50	98	75 - 125	Pass
Vanadium	96.9	94.2	3%	20%	Pass	50	105	75 - 125	Pass
Zinc**	54.3	54.2	0%	20%	Pass	50	109	75 - 125	Pass

Analytical Notes

**The MS/MSD for this analyte did not meet the acceptance criteria due to a sample matrix effect. The LCS / LCSD pair was used to provide precision data for this batch.

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

Modified 8015 - Fuel Screen

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/15/99
Matrix:	Soil	Date Analyzed:	02/15/99
Analyst:	NBP	Batch Number:	8015DS1554

Fuel Identified:	Motor Oil	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
A9-1	ND	ND	10
A9-3	ND	11*	10
A9-5	ND	ND	10
A9-10	ND	ND	10
A9-15	ND	ND	10
A8-1	ND	11*	10
A8-3	39*	ND	10
A8-5	ND	18*	10
A8-10	ND	ND	10
A8-15	ND	ND	10
A10-1	ND	ND	10
A10-3	ND	ND	10
A10-5	ND	11*	10
A10-10	ND	ND	10
A11-1	ND	11*	10
A11-3	ND	ND	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as indicated

Modified 8015 - Fuel Screen

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/16/99
Matrix:	Soil	Date Analyzed:	02/16-17/1999
Analyst:	NBP	Batch Number:	8015DS1555

Fuel Identified:	Motor Oil	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
A11-5	ND	ND	10
A11-10	ND	15*	10
A12-1	ND	17*	10
A12-3	ND	17*	10
A12-5	ND	ND	10
A12-10	ND	12*	10
A12-15	ND	12*	10
A13-1	ND	27*	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as Extractable Hydroc

Modified 8015 - Fuel Screen

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/17/99
Matrix:	Soil	Date Analyzed:	02/17/99
Analyst:	NBP	Batch Number:	8015DS1557

Fuel Identified:	Motor Oil	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
A13-3	ND	10*	10
A13-5	ND	ND	100
A13-10	ND	ND	10
A18-10	ND	ND	10
A18-15	ND	14*	10
A19-1	ND	12*	10
A19-3	ND	18*	10
A19-5	ND	ND	10
A19-10	ND	ND	10
A19-15	ND	ND	10
B14-1	ND	ND	100
B14-3	ND	21*	10
B14-6	ND	ND	10
B15-1	26*	ND	10
B15-3	ND	ND	10
B15-6	ND	ND	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as indicated.

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1554

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	88	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A10-10

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	104	108	4%	29%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1555

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	94	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	94	95	1%	29%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1557

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	93	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	93	95	2%	29%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans' Bay Bridge West Approach	Date Received:	02/11/99
Job No.:	14427	Date Analyzed:	02/17/99
Matrix:	Soil	Batch Number:	8015GS2103
Analyst:	GR		

	Detection Limit	Petroleum Hydrocarbons as Gasoline
Sample ID	mg/kg	mg/kg
Method Blank	0.50	ND
A9-1	0.50	ND
A9-3	0.50	ND
A9-5	0.50	ND
A9-10	0.50	ND
A9-15	0.50	ND
A8-1	0.50	ND
A8-3	0.50	ND
A8-5	0.50	ND
A8-10	0.50	ND
A8-15	0.50	ND
A10-1	0.50	ND
A10-3	0.50	ND
A10-5	0.50	ND
A10-10	0.50	ND
A11-1	0.50	ND
A11-3	0.50	ND
A11-5	0.50	ND
A11-10	0.50	ND
A12-1	0.50	ND
A12-3	0.50	0.51

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans' Bay Bridge West Approach	Date Received:	02/11/99
Job No.:	14427	Date Analyzed:	02/18-19/99
Matrix:	Soil	Batch Number:	8015GS2107
Analyst:	GR		

	Detection Limit	Petroleum Hydrocarbons as Gasoline
Sample ID	mg/kg	mg/kg
Method Blank	0.50	ND
A12-5	0.50	ND
A12-10	0.50	ND
A12-15	0.50	ND
A13-1	0.50	ND
A13-3	0.50	ND
A13-5	0.50	ND
A13-10	0.50	ND
A18-10	0.50	ND
A18-15	0.50	ND
A19-1	0.50	ND
A19-3	0.50	ND
A19-5	0.50	ND
A19-10	0.50	ND
A19-15	0.50	ND
B14-1	0.50	ND
B14-3	0.50	ND
B14-6	0.50	ND
B15-1	0.50	ND
B15-3	0.50	ND
B15-6	0.50	ND

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2103

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	92	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	9.20	9.01	2%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2107

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	89	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	8.91	8.82	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8020 - BTEX

Centrum
(800) 798-9336

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: GR

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/17-19/99
Batch Number: 8020S2103
8020S2107

	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (BFB)
Detection Limit:	0.005	0.005	0.005	0.015	Limit: >50%
Sample ID	mg/kg	mg/kg	mg/kg	mg/kg	
Method Blank	ND	ND	ND	ND	88 %
A8-1	ND	ND	ND	ND	101 %
A8-3	ND	ND	ND	ND	84 %
A8-5	ND	ND	ND	ND	91 %
A8-10	ND	ND	ND	ND	98 %
A8-15	ND	ND	ND	ND	95 %
A10-1	ND	ND	ND	ND	73 %
A10-3	ND	ND	ND	ND	71 %
A10-5	ND	ND	ND	ND	92 %
A10-10	ND	ND	ND	ND	79 %
A12-1	ND	ND	ND	ND	86 %
A12-3	ND	ND	ND	ND	91 %
A12-5	ND	ND	ND	ND	93 %
A12-10	ND	ND	ND	ND	100 %
A12-15	ND	ND	ND	ND	100 %
A18-10	ND	ND	ND	ND	95 %
A18-15	ND	ND	ND	ND	94 %
A19-1	ND	ND	ND	ND	72 %
A19-3	ND	ND	ND	ND	78 %
A19-5	ND	ND	ND	ND	69 %
A19-10	ND	ND	ND	ND	101 %
A19-15	ND	ND	ND	ND	91 %

QC Sample Report - EPA 8020

Matrix: Soil
Batch #: 8020S2103

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	98	70 - 130	Pass
Benzene	0.10	100	70 - 130	Pass
Toluene	0.10	97	70 - 130	Pass
Ethyl Benzene	0.10	93	70 - 130	Pass
m-, p-Xylene	0.20	100	70 - 130	Pass
o-Xylene	0.10	103	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.098	0.086	13%	25%	Pass
Benzene	0.100	0.099	1%	25%	Pass
Toluene	0.097	0.094	3%	25%	Pass
Ethyl Benzene	0.093	0.089	4%	25%	Pass
m-, p-Xylene	0.200	0.191	5%	25%	Pass
o-Xylene	0.103	0.099	4%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8020

Matrix: Soil
Batch #: 8020S2107

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	87	70 - 130	Pass
Benzene	0.10	101	70 - 130	Pass
Toluene	0.10	98	70 - 130	Pass
Ethyl Benzene	0.10	93	70 - 130	Pass
m-, p-Xylene	0.20	100	70 - 130	Pass
o-Xylene	0.10	104	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.087	0.090	3%	25%	Pass
Benzene	0.101	0.107	6%	25%	Pass
Toluene	0.098	0.104	6%	25%	Pass
Ethyl Benzene	0.093	0.099	6%	25%	Pass
m-, p-Xylene	0.200	0.209	4%	25%	Pass
o-Xylene	0.104	0.109	5%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans' Bay Bridge West Approa	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/19/99
Matrix:	Soil	Date Analyzed:	02/28/99
Analyst:	TPW	Batch Number:	PCBS0266

	Sample ID:	Blank	A9-1	A9-3	A9-5	A9-10	A9-15
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	Blank	A9-1	A9-3	A9-5	A9-10	A9-15
Tetrachloro-m-xylene	94	110	111	112	108	108

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approa	Date Received:	02/11/99
Job No :	14427	Date Extracted:	02/19/99
Matrix:	Soil	Date Analyzed:	02/28/99
Analyst:	TPW	Batch Number:	PCBS0266

	Sample ID:	A11-1	A11-3	A11-5	A11-10	A13-1	A13-3
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A11-1	A11-3	A11-5	A11-10	A13-1	A13-3
Tetrachloro-m-xylene	114	107	107	113	92	105

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans' Bay Bridge West Approa	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/19/99
Matrix:	Soil	Date Analyzed:	02/28/99
Analyst:	TPW	Batch Number:	PCB50266

	Sample ID:	A13-5	A13-10	B14-1	B14-3	B14-6	B15-1
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A13-5	A13-10	B14-1	B14-3	B14-6	B15-1
Tetrachloro-m-xylene	89	97	87	102	114	89

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approa	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/19/99
Matrix:	Soil	Date Analyzed:	02/26/99
Analyst:	TPW	Batch Number:	PCBS0265

	Sample ID:	B15-3	B15-6
PCBs	DL	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND
Aroclor-1221	0.050	ND	ND
Aroclor-1232	0.050	ND	ND
Aroclor-1242	0.050	ND	ND
Aroclor-1248	0.050	ND	ND
Aroclor-1254	0.050	ND	ND
Aroclor-1260	0.050	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	B15-3	B15-6
Tetrachloro-m-xylene	117	114

QC Sample Report - EPA 8080 PCB

Matrix: Other
Batch #: PCBS0266

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Aroclor 1242	0.0667	94	75 - 127	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Aroclor 1242	0.0626	0.0633	1%	24%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: RRC

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/11-12/99
Batch Number: 8260S1561
8260S1562

	Sample ID:	Blank	A9-1	A9-3	A9-5	A9-10	A9-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No.:	14427	Date Analyzed:	02/11-12/99
Matrix:	Soil	Batch Number:	8260S1561
Analyst:	RRC		

	Sample ID:	Blank	A9-1	A9-3	A9-5	A9-10	A9-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	Blank	A9-1	A9-3	A9-5	A9-10	A9-15
Dibromofluoromethane	98	102	102	103	103	105
Toluene-d8	96	102	99	103	100	104
Bromofluorobenzene	104	101	107	108	101	105

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans' Bay Bridge West Approach	Date Received:	02/11/99
Job No.:	14427	Date Analyzed:	02/11-12/99
Matrix:	Soil	Batch Number:	8260S1561
Analyst:	RRC		8260S1562

	Sample ID:	Blank	A9-1	A9-3	A9-5	A9-10	A9-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: RRC

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/11-12/99
Batch Number: 8260S1561
8260S1562

	Sample ID:	A11-1	A11-3	A11-5	A11-10	A13-1	A13-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2 Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2 Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No.:	14427	Date Analyzed:	02/11-12/99
Matrix:	Soil	Batch Number:	8260S1561
Analyst:	RRC		

	Sample ID:	A11-1	A11-3	A11-5	A11-10	A13-1	A13-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3 Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A11-1	A11-3	A11-5	A11-10	A13-1	A13-3
Dibromofluoromethane	102	108	107	106	104	106
Toluene-d8	100	103	102	103	98	103
Bromofluorobenzene	106	106	102	96	98	100

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No.:	14427	Date Analyzed:	02/11-12/99
Matrix:	Soil	Batch Number:	8260S1561
Analyst:	RRC		8260S1562

	Sample ID:	A11-1	A11-3	A11-5	A11-10	A13-1	A13-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans, Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: RRC

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/11-12/99
Batch Number: 8260S1561
8260S1562

	Sample ID:	A13-5	A13-10	B-14-1	B14-3	B14-6	B15-1
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	0.002	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3 Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis 1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No.:	14427	Date Analyzed:	02/11-12/99
Matrix:	Soil	Batch Number:	8260S1561
Analyst:	RRC		

Sample ID:		A13-5	A13-10	B-14-1	B14-3	B14-6	B15-1
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	0.018	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	0.001	ND	ND	0.002	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	0.001	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	0.067	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A13-5	A13-10	B-14-1	B14-3	B14-6	B15-1
Dibromofluoromethane	110	103	107	121	105	104
Toluene-d8	85	99	93	99	100	96
Bromofluorobenzene	87	100	90	90	105	95

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No.:	14427	Date Analyzed:	02/11-12/99
Matrix:	Soil	Batch Number:	8260S1561
Analyst:	RRC		8260S1562

	Sample ID:	A13-5	A13-10	B-14-1	B14-3	B14-6	B15-1
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: RRC

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/11-12/99
Batch Number: 8260S1561
8260S1562

	Sample ID:	B15-3	B15-6	L15-1	L15-2
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND
1,2-Dibromo-3 chloropropane	0.01	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14427
Matrix: Soil
Analyst: RRC

Date Sampled: 02/06/99
Date Received: 02/11/99
Date Analyzed: 02/11-12/99
Batch Number: 826051561

	Sample ID:	B15-3	B15-6	L15-1	L15-2
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND
Napthalene	0.007	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	0.001
1,2,3-Trichlorobenzene	0.007	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND
1,2,3 Trichloropropane	0.003	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	B15-3	B15-6	L15-1	L15-2
Dibromofluoromethane	103	102	104	104
Toluene-d8	101	103	96	96
Bromofluorobenzene	106	104	92	97

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/11/99
Job No.:	14427	Date Analyzed:	02/11-12/99
Matrix:	Soil	Batch Number:	8260S1561
Analyst:	RRC		8260S1562

	Sample ID:	B15-3	B15-6	L15-1	L15-2
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND

QC Sample Report - EPA Method 8260

Matrix: Soil
Batch #: 8260S1561

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
1,1-Dichloroethene	0.020	116	59 - 172	Pass
Benzene	0.020	115	66 - 142	Pass
Trichloroethene	0.020	116	71 - 137	Pass
Toluene	0.020	112	59 - 139	Pass
Chlorobenzene	0.020	115	60 - 133	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A9-10

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
1,1-Dichloroethene	0.0224	0.0240	7%	22%	Pass
Benzene	0.0204	0.0225	10%	21%	Pass
Trichloroethene	0.0193	0.0213	10%	24%	Pass
Toluene	0.0203	0.0207	2%	21%	Pass
Chlorobenzene	0.0187	0.0204	9%	21%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA Method 8260

Matrix: Soil
Batch #: 8260S1562

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
1,1-Dichloroethene	0.020	106	59 - 172	Pass
Benzene	0.020	114	66 - 142	Pass
Trichloroethene	0.020	114	71 - 137	Pass
Toluene	0.020	108	59 - 130	Pass
Chlorobenzene	0.020	113	60 - 133	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: B14-6

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD);	Upper Control Limit RPD	Pass/Fail
1,1-Dichloroethene	0.0230	0.0217	6%	22%	Pass
Benzene	0.0215	0.0226	5%	21%	Pass
Trichloroethene	0.0204	0.0218	7%	24%	Pass
Toluene	0.0199	0.0213	7%	21%	Pass
Chlorobenzene	0.0197	0.0210	7%	21%	Pass

Analytical Notes:

MS Matrix Spike Sample
MSD Matrix Spike Duplicate

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

Sample ID:		Blank	TTBAA-1-20	TTBAA-1-25	A8-1	A8-5	A8-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	**0.097**	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	**0.11**	ND
Benzo[b]fluoranthene	0.033	ND	ND	ND	ND	**0.19**	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	**0.19**	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	**0.089**	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

Sample ID:	Blank	TTBAA-1-20	TTBAA-1-25	A8-1	A8-5	A8-10
Compound DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene 0.099	ND	ND	ND	ND	ND	ND
Fluoranthene 0.033	ND	ND	ND	ND	**0.084**	ND
Fluorene 0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene 0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene 0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene 1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane 0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene 0.13	ND	ND	ND	ND	ND	ND
Isophorone 0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene 0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol 0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol 0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine 0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine 0.033	ND	ND	ND	ND	ND	ND
Naphthalene 0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline 0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline 0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline 0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene 0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol 0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol 0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol 1.6	ND	ND	ND	ND	ND	ND
Phenanthrene 0.066	ND	ND	ND	ND	ND	ND
Phenol 0.13	ND	**4.0**	**5.8**	**0.93**	**1.3**	**0.91**
Pyrene 0.033	ND	ND	ND	ND	**0.11**	ND
1,2,4-Trichlorobenzene 0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol 0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol 0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	Blank	TTBAA-1-20	TTBAA-1-25	A8-1	A8-5	A8-10
2-Fluorophenol (25 - 121%)	105	105	94	93	96	98
Phenol-D5 (24 - 113%)	108	109	99	98	102	102
Nitrobenzene-D5 (23 - 120%)	98	100	88	88	92	94
2-Fluorobiphenyl (30 - 115%)	98	97	87	87	91	91
2,4,6-Tribromophenol (19 - 122%)	10	105	97	94	98	98
p-Terphenyl-D14 (18 - 137%)	95	94	85	81	97	88

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/05/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

	Sample ID:	A8-15	A10-1	A10-5	A10-10	A12-3	A12-5
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	ND	ND	ND	0.042	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

Sample ID:		A8-15	A10-1	A10-5	A10-10	A12-3	A12-5
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	3.7	0.37	0.42	0.83	1.3	0.44
Pyrene	0.033	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A8-15	A10-1	A10-5	A10-10	A12-3	A12-5
2-Fluorophenol (25 - 121%)	89	89	92	87	93	89
Phenol-D5 (24 - 113%)	95	94	97	92	95	92
Nitrobenzene-D5 (23 - 120%)	88	87	88	83	87	83
2 Fluorobiphenyl (30 - 115%)	87	87	90	85	84	82
2,4,6-Tribromophenol (19 - 122%)	96	93	96	92	86	83
p-Terphenyl-D14 (18 - 137%)	86	85	88	86	109	104

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

Sample ID:		A12-10	A12-15	A18-10	A18-15	A19-1	A19-3
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	**0.037**
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	**0.18**
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	**0.20**
Benzo[b]fluoranthene	0.033	ND	ND	ND	**0.041**	**0.093**	**0.32**
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	**0.13**
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	**0.33**
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	**0.048**	**0.17**
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4 Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4 Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No :	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

Sample ID:		A12-10	A12-15	A18-10	A18-15	A19-1	A19-3
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	**0.053**	**0.18**
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	**0.14**
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	**0.13**
Phenol	0.13	**0.83**	**0.82**	**1.6**	**2.4**	**1.4**	**1.3**
Pyrene	0.033	ND	ND	ND	ND	**0.068**	**0.30**
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A12-10	A12-15	A18-10	A18-15	A19-1	A19-3
2-Fluorophenol (25 - 121%)	90	87	74	92	84	85
Phenol-D5 (24 - 113%)	94	90	77	94	89	88
Nitrobenzene-D5 (23 - 120%)	85	83	70	86	82	81
2-Fluorobiphenyl (30 - 115%)	81	81	68	84	82	79
2,4,6-Tribromophenol (19 - 122%)	81	81	69	81	85	81
p-Terphenyl-D14 (18 - 137%)	96	98	81	103	94	99

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans. Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

	Sample ID:	A19-5	A19-10	A19-15	B14-3	B14-6	B15-3
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	**0.096**	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	**0.12**	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	**0.22**	ND	ND	**0.046**	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	**0.22**	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0 33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0 16	ND	ND	ND	ND	ND	ND
4 Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0 033	**0.11**	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0 033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0 13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0 16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4 Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1 6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/05/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

	Sample ID:	A19-5	A19-10	A19-15	B14-3	B14-6	B15-3
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	0.11	ND	ND	ND	ND	ND
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	1.1	0.73	0.38	0.48	0.38	0.29
Pyrene	0.033	0.14	ND	ND	0.035	ND	ND
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A19-5	A19-10	A19-15	B14-3	B14-6	B15-3
2-Fluorophenol (25 - 121%)	81	86	82	83	83	82
Phenol D5 (24 - 113%)	86	88	84	87	87	84
Nitrobenzene-D5 (23 - 120%)	79	82	78	80	79	78
2-Fluorobiphenyl (30 - 115%)	78	80	77	78	74	75
2,4,6-Tribromophenol (19 - 122%)	80	82	79	83	75	77
p-Terphenyl-D14 (18 - 137%)	87	90	90	93	74	92

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No :	14427	Date Extracted:	02/20-21/99
Matrix.	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

	Sample ID:	Blank	B15-6
Compound	DL	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND
Acenaphthylene	0.033	ND	ND
Anthracene	0.033	ND	ND
Benzo[a]anthracene	0.066	ND	ND
Benzo[a]pyrene	0.066	ND	ND
Benzo[b]fluoranthene	0.033	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND
Benzyl alcohol	0.13	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND
4-Bromophenylphenylether	0.033	ND	ND
Butylbenzylphthalate	0.033	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND
4-Chloroaniline	0.16	ND	ND
2-Chloronaphthalene	0.033	ND	ND
2-Chlorophenol	0.13	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND
Chrysene	0.033	ND	ND
Di-n-butylphthalate	0.33	ND	ND
Di-n-octylphthalate	0.033	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND
Dibenzofuran	0.033	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND
2,4-Dichlorophenol	0.16	ND	ND
Diethylphthalate	0.33	ND	ND
2,4-Dimethylphenol	0.099	ND	ND
Dimethylphthalate	0.033	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND
2,4-Dinitrophenol	1.6	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

	Sample ID:	Blank	B15-6
Compound	DL	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND
Fluoranthene	0.033	ND	ND
Fluorene	0.033	ND	ND
Hexachlorobenzene	0.033	ND	ND
Hexachlorobutadiene	0.033	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND
Hexachloroethane	0.033	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND
Isophorone	0.033	ND	ND
2-Methylnaphthalene	0.033	ND	ND
2-Methylphenol	0.16	ND	ND
4-Methylphenol	0.16	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND
Naphthalene	0.033	ND	ND
2-Nitroaniline	0.099	ND	ND
3-Nitroaniline	0.099	ND	ND
4-Nitroaniline	0.33	ND	ND
Nitrobenzene	0.099	ND	ND
2-Nitrophenol	0.13	ND	ND
4-Nitrophenol	0.33	ND	ND
Pentachlorophenol	1.6	ND	ND
Phenanthrene	0.066	ND	ND
Phenol	0.13	ND	0.20
Pyrene	0.033	ND	ND
1,2,4-Trichlorobenzene	0.033	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	Blank	B15-6
2-Fluorophenol (25 - 121%)	91	83
Phenol-D5 (24 - 113%)	93	85
Nitrobenzene-D5 (23 - 120%)	84	77
2-Fluorobiphenyl (30 - 115%)	83	77
2,4,6-Tribromophenol (19 - 122%)	82	79
p-Terphenyl-D14 (18 - 137%)	99	95

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix.	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

Sample ID:		A8-3	A10-3	A12-1	B15-1	L15-1	L15-2
Compound	DL*	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.33	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.33	ND	ND	ND	ND	ND	ND
Anthracene	0.33	ND	ND	ND	ND	ND	0.37
Benzo[a]anthracene	0.66	0.80	ND	ND	ND	1.3	2.1
Benzo[a]pyrene	0.66	0.96	ND	ND	ND	1.7	2.2
Benzo[b]fluoranthene	0.33	1.6	ND	ND	ND	2.8	3.5
Benzo[g,h,i]perylene	0.99	ND	ND	ND	ND	1.1	1.4
Benzo[k]fluoranthene	0.99	1.6	ND	ND	ND	2.8	3.4
Benzyl alcohol	1.3	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.66	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.66	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.99	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	3.3	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.33	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.33	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	1.6	ND	ND	ND	ND	ND	ND
4-Chloroaniline	1.6	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Chlorophenol	1.3	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.33	ND	ND	ND	ND	ND	ND
Chrysene	0.33	0.79	ND	ND	ND	1.0	1.8
Di-n-butylphthalate	3.3	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.33	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.99	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.33	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	1.3	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1.6	ND	ND	ND	ND	ND	ND
Diethylphthalate	3.3	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.99	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.33	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	3.3	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	16	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.33	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted.	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

Sample ID:		A8-3	A10-3	A12-1	B15-1	L15-1	L15-2
Compound	DL*	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.99	ND	ND	ND	ND	ND	ND
Fluoranthene	0.33	**1.0**	ND	ND	ND	**1.2**	**1.9**
Fluorene	0.33	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.33	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	16	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.33	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	1.3	ND	ND	ND	ND	ND	**1.5**
Isophorone	0.33	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Methylphenol	1.6	ND	ND	ND	ND	ND	ND
4-Methylphenol	1.6	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.33	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.33	ND	ND	ND	ND	ND	ND
Naphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.99	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.99	ND	ND	ND	ND	ND	ND
4-Nitroaniline	3.3	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.99	ND	ND	ND	ND	ND	ND
2-Nitrophenol	1.3	ND	ND	ND	ND	ND	ND
4-Nitrophenol	3.3	ND	ND	ND	ND	ND	ND
Pentachlorophenol	16	ND	ND	ND	ND	ND	ND
Phenanthrene	0.66	ND	ND	ND	ND	ND	**1.0**
Phenol	1.3	ND	ND	ND	ND	**8.0**	**2.8**
Pyrene	0.33	**1.1**	ND	ND	ND	**2.0**	**3.6**
1,2,4-Trichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	3.3	ND	ND	ND	ND	ND	ND

* See Case Narrative regarding higher than usual detection limits.

Surrogates (Limits) in Percent Recovery

Sample ID:	A8-3	A10-3	A12-1	B15-1	L15-1	L15-2
2-Fluorophenol (25 - 121%)	97	103	91	90	102	90
Phenol-D5 (24 - 113%)	100	104	87	84	96	81
Nitrobenzene-D5 (23 - 120%)	86	87	79	80	93	84
2-Fluorobiphenyl (30 - 115%)	87	92	81	83	93	84
2,4,6-Tribromophenol (19 - 122%)	83	83	69	64	80	74
p-Terphenyl-D14 (18 - 137%)	85	109	93	102	126	123

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	8270S0478
			8270S0479

Sample ID:		B14-1
Compound	DL*	mg/Kg
Acenaphthene	3.3	ND
Acenaphthylene	3.3	ND
Anthracene	3.3	ND
Benzo[a]anthracene	6.6	ND
Benzo[a]pyrene	6.6	ND
Benzo[b]fluoranthene	3.3	4.9
Benzo[g,h,i]perylene	9.9	ND
Benzo[k]fluoranthene	9.9	ND
Benzyl alcohol	13	ND
bis(2-Chloroethoxy)methane	6.6	ND
bis(2-Chloroethyl)ether	6.6	ND
bis(2-Chloroisopropyl)ether	9.9	ND
bis(2-Ethylhexyl)phthalate	33	ND
4-Bromophenylphenylether	3.3	ND
Butylbenzylphthalate	3.3	ND
4-Chloro-3-methylphenol	16	ND
4-Chloroaniline	16	ND
2-Chloronaphthalene	3.3	ND
2-Chlorophenol	13	ND
4-Chlorophenylphenylether	3.3	ND
Chrysene	3.3	ND
Di-n-butylphthalate	33	ND
Di-n-octylphthalate	3.3	ND
Dibenzo[a,h]anthracene	9.9	ND
Dibenzofuran	3.3	ND
1,2-Dichlorobenzene	3.3	ND
1,3-Dichlorobenzene	3.3	ND
1,4-Dichlorobenzene	3.3	ND
3,3-Dichlorobenzidine	13	ND
2,4-Dichlorophenol	16	ND
Diethylphthalate	33	ND
2,4-Dimethylphenol	9.9	ND
Dimethylphthalate	3.3	ND
4,6-Dinitro-2-methylphenol	33	ND
2,4-Dinitrophenol	160	ND
2,4-Dinitrotoluene	3.3	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/06/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/11/99
Job No.:	14427	Date Extracted:	02/20-21/99
Matrix:	Soil	Dates Analyzed:	02/22-23/99
Analyst:	TPW	Batch Number:	827050478
			827050479

Sample ID:		B14-1
Compound	DL*	mg/Kg
2,6-Dinitrotoluene	9.9	ND
Fluoranthene	3.3	ND
Fluorene	3.3	ND
Hexachlorobenzene	3.3	ND
Hexachlorobutadiene	3.3	ND
Hexachlorocyclopentadiene	160	ND
Hexachloroethane	3.3	ND
Indeno[1,2,3-c,d]pyrene	13	ND
Isophorone	3.3	ND
2-Methylnaphthalene	3.3	ND
2-Methylphenol	16	ND
4-Methylphenol	16	ND
N-Nitrosodi-n-propylamine	3.3	ND
N-Nitrosodiphenylamine	3.3	ND
Naphthalene	3.3	ND
2-Nitroaniline	9.9	ND
3-Nitroaniline	9.9	ND
4-Nitroaniline	33	ND
Nitrobenzene	9.9	ND
2-Nitrophenol	13	ND
4-Nitrophenol	33	ND
Pentachlorophenol	160	ND
Phenanthrene	6.6	ND
Phenol	13	ND
Pyrene	3.3	4.3
1,2,4-Trichlorobenzene	3.3	ND
2,4,5-Trichlorophenol	20	ND
2,4,6-Trichlorophenol	33	ND

* See Case Narrative regarding higher than usual detection limits

Surrogates (Limits) in Percent Recovery

Sample ID:	B14-1
2-Fluorophenol (25 - 121%)	96
Phenol-D5 (24 - 113%)	87
Nitrobenzene-D5 (23 - 120%)	84
2-Fluorobiphenyl (30 - 115%)	85
2,4,6 Tribromophenol (19 - 122%)	70
p-Terphenyl-D14 (18 - 137%)	114

QC Sample Report - EPA 8270

Batch #: 8270S0478 Matrix: Soil

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Phenol	1.89	82	5 - 112	Pass
2-Chlorophenol	2.04	85	23 - 134	Pass
1,4-Dichlorobenzene	1.10	79	20 - 124	Pass
N-Nitrosodi-n-propylamine	1.06	97	0 - 230	Pass
1,2,4-Trichlorobenzene	1.49	81	44 - 142	Pass
4-Chloro-3-Methylphenol	2.61	87	22 - 147	Pass
Acenaphthene	1.09	82	47 - 145	Pass
4-Nitrophenol	2.30	111	0 - 132	Pass
2,4-Dinitrotoluene	1.35	96	39 - 139	Pass
Pentachlorophenol	2.72	105	14 - 176	Pass
Pyrene	0.97	80	52 - 115	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Phenol	2.18	2.34	7%	35%	Pass
2-Chlorophenol	2.26	2.48	9%	50%	Pass
1,4-Dichlorobenzene	1.06	1.16	9%	27%	Pass
N-Nitrosodi-n-propylamine	1.30	1.36	5%	38%	Pass
1,2,4-Trichlorobenzene	1.08	1.19	9%	23%	Pass
4-Chloro-3-Methylphenol	2.33	2.53	8%	33%	Pass
Acenaphthene	1.09	1.18	7%	23%	Pass
4-Nitrophenol	2.96	2.91	2%	50%	Pass
2,4 Dinitrotoluene	1.28	1.31	2%	47%	Pass
Pentachlorophenol	2.80	2.66	5%	47%	Pass
Pyrene	1.07	1.37	25%	38%	Pass

Analytical Notes:

Centrum
(800) 798-9336

QC Sample Report - EPA 8270

Batch #: 8270S0479 Matrix: Soil

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Phenol	1.89	88	5 - 112	Pass
2 Chlorophenol	2.04	94	23 - 134	Pass
1,4-Dichlorobenzene	1.10	88	20 - 124	Pass
N-Nitrosodi-n-propylamine	1.06	98	0 - 230	Pass
1,2,4-Trichlorobenzene	1.49	88	44 - 142	Pass
4-Chloro-3-Methylphenol	2.61	91	22 - 147	Pass
Acenaphthene	1.09	83	47 - 145	Pass
4-Nitrophenol	2.30	98	0 - 132	Pass
2,4-Dinitrotoluene	1.35	90	39 - 139	Pass
Pentachlorophenol	2.72	89	14 - 176	Pass
Pyrene	0.97	98	52 - 115	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Phenol	2.33	2.03	14%	35%	Pass
2-Chlorophenol	2.50	2.19	14%	50%	Pass
1,4-Dichlorobenzene	1.17	1.04	11%	27%	Pass
N-Nitrosodi-n-propylamine	1.31	1.01	26%	38%	Pass
1,2,4-Trichlorobenzene	1.17	1.11	5%	23%	Pass
4-Chloro-3-Methylphenol	2.41	2.36	2%	33%	Pass
Acenaphthene	1.10	1.08	2%	23%	Pass
4-Nitrophenol	2.62	2.80	6%	50%	Pass
2,4-Dinitrotoluene	1.21	1.01	18%	47%	Pass
Pentachlorophenol	2.37	1.96	19%	47%	Pass
Pyrene	1.31	1.42	9%	36%	Pass

Analytical Notes:

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
REDLANDS, CA 92373

(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14427

Page 1 of 3

Project No: 575-8G001

Project Name: Caltrans: Bay Bridge West Approach

Project Manager: Frank Ross

Phone: (510) 785-1111 Fax: (510) 785-1192

Client Name (Company): PSI

Address: 1320 Willow Ave

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 524	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	PNA			Turn-around time / Remarks/ Special Instructions
1	TTBCC-1-15	2/4/95	825	S										X						
2	TTBCC-1-20		845									NO		X						Archive
3	TTBAA-1-20		905														X			
4	TTBAA-1-25		925														X			
5	TTB69-4-20		955											X						
6	TTB69-4-25		1015																	Archive
7	TTB68-4-15		1030											X						
8	TTB68-4-20		1045																	Archive
9	TTB62-4-15		1110											X						
10	TTB62-4-20		1125																	Archive

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

Relinquished by (Sampler's Signature): Date 2/4/95 Time 1700

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received for Laboratory by: Date 2/11/95 Time 10:00

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:

Samples chilled? ☒ Yes ☐ No

Custody seals? ☐ Yes ☒ No

All sample containers intact? ☒ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

MT Airborne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Sample Locator No: D3

Laboratory Notes

White Copy - Original (Accompanies Samples)

Yellow Copy - Centrum Files

Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
HEDLANDS, CA 92373

(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14427

Page 2 of 3

Project No: 575-86001
Project Name: Caltrans: Dry Bridge W. Approach
Project Manager: Frank Pass
Phone: (510) 785-1111 Fax: (510) 785-1192
Client Name (Company): PSI
Address: 1320 W. Winton Ave.

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260	8080 PCBs	8015M: Diesel Fuel Screen	8020 BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Speciation	6010 Metals	Remarks/ Special Instructions
11	TTB64-2-20	2/6/99	1150	S										X					
12	TTB64-2-25		1210																Archive
13	TTB65-1-20		1240											X					
14	TTB65-1-25		1255																Archive
15	A9-1		1430				X	X									X	X	
16	A9-3		1435																
17	A9-5		1440																
18	A9-10		1445																
19	A9-15		1450																
20	A9-20	↓	1455	↓															Archive

Relinquished by (Sampler's Signature): Date 2/8/99 Time 1700
Received by: Date Time
Relinquished by: Date Time
Received by: Date Time
Relinquished by: Date Time
Received for Laboratory by: Date 2/10/99 Time 1010

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
Samples chilled? ☒ Yes ☐ No
Custody seals? ☐ Yes ☒ No
All sample containers intact? ☒ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried ☒ Air bourne

Turn-around time
☐ 24 Hr. RUSH*
☐ 48 Hr. RUSH*
☒ Normal TAT
* Requires prior approval, additional charges apply

Sample Disposal
☐ Client will pick up
☐ Return to client
☐ Lab disposal fee $5

Sample Locator No: D-3

Laboratory Notes

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
REDLANDS, CA 92373

(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14927

Page 3 of 3

Project No: 575-86001
Project Name: Caltrans: B.B. W. Aprosch
Project Manager: Frank Poss
Phone: Fax:
Client Name (Company): PST
Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers # and type	GCMS: 8260 8240 8010 524.2	8080: Pesticides PCBs Pest/PCB	8015M Diesel Fuel Screen	8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - specation	6010 Metals	Remarks/ Special Instructions
2-1	A8-1	2/6/99	1510	S						X		X					X	X	
2-2	A8-3		1515																
2-3	A8-5		1520																
2-4	A8-10		1525																
2-5	A8-15		1535																
2-6	A8-20		1550																Archive

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

Relinquished by (Sampler's Signature): Date 2/6/99 Time 1700
Received by: Date Time
Relinquished by: Date Time
Received by: Date Time
Relinquished by: Date Time
Received for laboratory by: Date 2/8/99 Time 1000

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:
Samples chilled? ☒ Yes ☐ No
Custody seals? ☐ Yes ☒ No
All sample containers intact? ☒ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
Airborne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Sample Locator No: D-3

Laboratory Notes

White Copy - Original (Accompanies Samples)
Yellow Copy - Centrum Files
Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
HEDLANDS, CA 92373

(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14427

Page 1 of 4

Project No	Project Name	
575 - 80001	Caltrans' Bay Bridge N. Approach	
Project Manager	**Phone:**	**Fax**
Frank Poss	(510) 785-1111	(510) 785-1192
Client Name (Company)	**Address**	
PSI	1320 W. Winton Ave, Hayward, CA	

Analyses Requested

Centrum #D (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260	8080 PCBs	8015M: Diesel Fuel Screen	8020 BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Speciation	6010 Metals	Remarks/ Special Instructions
27	A10-1	2/7/94	730							X		X					X	X	
28	A10-3		735																
29	A10-5		740																
30	A10-10		745																
31	A11-1		805				X	X											
32	A11-3		810																
33	A11-5		815																
34	A11-10		820																
35	A12-1		830							X		X							
36	A12-3		835							X		X							

Turn-around time
- ☐ 24 Hr RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

Relinquished by (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	2/8/94				
Received by:	**Date**	**Time**	**Received by**	**Date**	**Time**
			Relinquished by:	**Date**	**Time**
			Received for Laboratory by	**Date**	**Time**
				2/11/94	1010

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:
- Samples chilled? ☒ Yes ☐ No
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried ☒ Air bill

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes

Sample Locator No
D-3

White Copy - Original (Accompanies Samples) | Yellow Copy - Centrum Files | Pink Copy - Client Copy

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REDLANDS, CA 92373

(909) 798-9336 • (800) 798-9336
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Centrum Job # 14421

Chain of Custody Record

Project No: 575-86001
Project Name: Caltrans : RB,
Project Manager: Frank Poss
Phone / Fax:
Client Name (Company): PSI
Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS 8260	8080: Pesticides PCBs	8015M: Diesel Fuel Screen	8020 BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Speciation	6010 Metals	
37	A12-5	2/7/99	840	S						X		X					X	X	
38	A12-10	↓	845	↓						↓		↓					↓	↓	
39	A12-15		905							↓		↓							
40	A13-1		915				X	X											
41	A13-3		920				↓	↓	↓										
42	A13-5		925				↓	↓	↓										
43	A13-10		935				↓	↓	↓										
44	A18-10		1025				↓	↓	↓	X		X							
45	A18-15		1035				↓	↓	↓	X		X							
46	A19-1	↓	1235	↓			↓	↓	↓	X		X					↓	↓	

Relinquished by (Sampler's Signature): Date 2/9/99 Time
Received by: Date Time
Relinquished by: Date Time
Received by: Date Time
Relinquished by: Date Time
Received by Laboratory by: Date 2/10/99 Time 10:00

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
Samples chilled? ☒ Yes ☐ No
Custody seals? ☐ Yes ☒ No
All sample containers intact? ☒ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

Turn-around time
☐ 24 Hr. RUSH*
☐ 48 Hr. RUSH*
☒ Normal TAT
* Requires prior approval; additional charges apply

Remarks/ Special Instructions

Sample Disposal
☐ Client will pick up
☐ Return to client
☐ Lab disposal fee $5

Sample Locator No.
D-3

Laboratory Notes:

White Copy - Original (Accompanies Samples)
Yellow Copy - Centrum Files
Pink Copy - Client Copy

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Centrum Job # 14427

Chain of Custody Record

Project No: 575-80-001
Project Name: Chevron : BB
Project Manager: Frank Ross
Phone: Fax:
Client Name (Company): PSI
Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260	8080: PCBs	8015M: Diesel Fuel Screen	8020 dies/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH Speciation	6010 Metals	Remarks/ Special Instructions
47	A19-3	2/7/94	1240	S						X		X					X	X	
48	A19-5		1245																
49	A-19-10		1250																
50	A19-15		1300																
51	A19-20		1310																Archive
52	B14-1		1320				X	X				X					X	X	
53	B14-3		1325																
54	B14-6		1330																
55	B15-1		1335				X	X				X							
56	B15-3		1340				X	X				X							

Relinquished by (Sampler's Signature): Date 2/8/94 Time 1700
Received by: Date Time
Relinquished by: Date Time
Received by: Date Time
Relinquished by: Date Time
Received for Laboratory by: Date 2/11/94 Time 1010

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

Laboratory Notes:

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

To be completed by laboratory personnel:
- Samples chilled? ☑ Yes ☐ No
- Custody seals? ☐ Yes ☑ No
- All sample containers intact? ☑ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried ☒ Airborne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Sample Locator No: D-3

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

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Chain of Custody Record

Centrum Job # 14427

Project No.: 525 - 8G001

Project Name: Caltrans: B.B

Project Manager: Frank Poss

Phone: Fax:

Client Name (Company): PSI

Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260	8080: PCBs	8015M: Diesel Fuel Screen	8020 BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Consistency COD	Flashpoint Fluoride Hex Chrome	TPH Speciation	6010 Metals	Remarks/ Special Instructions
57	B15-6	2/7/99	1345				X	X				X					X	X	
58	L15-1		1347				X					X							
59	L15-2		1350				X					X							
60	TR34-1-10		1400											X					
61	TR34-1-15		1410																Archive
62	TIB2-2-10		1434											X					
63	TIB2-2-15		1440																Archive

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

Relinquished by (Sampler's Signature): Date 2/9/99 Time 1700

Received by: Date Time

Relinquished by: Date Time

Received by: Date Time

Relinquished by: Date Time

Received for Laboratory by: Date 2/11/99 Time 10:00

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:
- Samples chilled? ☑ Yes ☐ No
- Custody seals? ☐ Yes ☑ No
- All sample containers intact? ☑ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried ☑ Air bill

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No.: D-3

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Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 02/03/99
Date Received: 02/05/99
Job Number: 14401

Project: Caltrans: Bay Bridge West Approach

CASE NARRATIVE

The following information applies to samples which were received on 02/05/99 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

7471: The result for mercury in some samples exceeded the calibration range. Due to a deficiency in EPA Method 7471, re-analysis at a dilution is not possible; mercury was reported from the initial run as an estimated value.

Report approved by:

Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL - Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions
ND - Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit
NA - Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/09/99
Date Analyzed: 02/10-12/99
Batch Number: 6010S1138

		Sample ID:	Blank	R3-2-30	B13-1	B13-3	B13-6	A18-1
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	NA	ND	ND	ND	ND
Arsenic	6010	5.0	ND	NA	11	11	11	15
Barium	6010	5.0	ND	NA	70	49	130	75
Beryllium	6010	5.0	ND	NA	ND	ND	ND	ND
Cadmium	6010	2.5	ND	NA	ND	ND	ND	ND
Chromium	6010	2.5	ND	NA	38	23	19	51
Cobalt	6010	2.5	ND	NA	8.2	2.7	5.8	13
Copper	6010	2.5	ND	NA	37	20	16	16
Lead	6010	5.0	ND	36	260	10	11	6.6
Mercury	7471	0.10	ND	NA	0.64	ND	ND	ND
Molybdenum	6010	5.0	ND	NA	ND	ND	ND	ND
Nickel	6010	5.0	ND	NA	36	23	23	43
Selenium	6010	10	ND	NA	ND	ND	ND	ND
Silver	6010	5.0	ND	NA	22	ND	ND	ND
Thallium	6010	10	ND	NA	ND	ND	ND	ND
Vanadium	6010	5.0	ND	NA	35	30	21	52
Zinc	6010	5.0	ND	NA	94	31	42	38

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/09/99
Date Analyzed: 02/10-12/99
Batch Number: 6010S1138

		Sample ID:	A18-3	A18-6	A15-1	A15-3	A15-5	A14-1
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	12	13	12	11	15	9.7
Barium	6010	5.0	75	63	88	110	170	130
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	58	47	85	53	44	43
Cobalt	6010	2.5	12	9.6	20	11	9.5	10
Copper	6010	2.5	16	15	5.8	14	80	14
Lead	6010	5.0	5.9	8.0	6.5	64	460	67
Mercury	7471	0.10	ND	ND	ND	0.23	0.42	ND
Molybdenum	6010	5.0	ND	ND	ND	ND	ND	ND
Nickel	6010	5.0	49	37	34	44	30	33
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	53	43	78	45	38	39
Zinc	6010	5.0	39	38	20	74	410	70

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/09/99
Date Analyzed: 02/10-12/99
Batch Number: 6010S1138

		Sample ID:	A14-3	A14-5	A17-1	A17-3	A17-5	A17-10
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	8.8	ND	7.5	15	11	8.9
Barium	6010	5.0	100	71	92	160	74	45
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	45	11	20	47	45	90
Cobalt	6010	2.5	6.8	3.8	11	15	8.0	5.8
Copper	6010	2.5	14	5.8	14	49	7.4	6.1
Lead	6010	5.0	140	8.3	11	280	ND	5.2
Mercury	7471	0.10	ND	ND	ND	0.10	ND	ND
Molybdenum	6010	5.0	ND	ND	ND	5.8	ND	5.2
Nickel	6010	5.0	27	12	20	38	43	33
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	39	20	22	42	38	42
Zinc	6010	5.0	62	22	38	130	27	20

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/09/99
Date Analyzed: 02/10-12/99
Batch Number: 6010S1138

		Sample ID:	A17-15	A5-1	A5-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND
Arsenic	6010	5.0	25	15	22
Barium	6010	5.0	160	140	240
Beryllium	6010	5.0	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND
Chromium	6010	2.5	90	57	35
Cobalt	6010	2.5	31	13	14
Copper	6010	2.5	9.8	22	30
Lead	6010	5.0	ND	26	25
Mercury	7471	0.10	ND	ND	ND
Molybdenum	6010	5.0	7.6	5.6	6.5
Nickel	6010	5.0	64	46	47
Selenium	6010	10	ND	ND	ND
Silver	6010	5.0	ND	ND	ND
Thallium	6010	10	ND	ND	ND
Vanadium	6010	5.0	96	45	34
Zinc	6010	5.0	34	55	75

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 02/03/99
Date Received: 02/05/99
Job Number: 14401

Project: Caltrans: Bay Bridge West Approach

CASE NARRATIVE

The following information applies to samples which were received on 02/05/99 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

7471: The result for mercury in some samples exceeded the calibration range. Due to a deficiency in EPA Method 7471, re-analysis at a dilution is not possible; mercury was reported from the initial run as an estimated value.

Report approved by:

Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL - Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions
ND - Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit
NA - Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/09/99
Date Analyzed: 02/10-12/99
Batch Number: 6010S1138

		Sample ID:	Blank	R3-2-30	B13-1	B13-3	B13-6	A18-1
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	NA	ND	ND	ND	ND
Arsenic	6010	5.0	ND	NA	11	11	11	15
Barium	6010	5.0	ND	NA	70	49	130	75
Beryllium	6010	5.0	ND	NA	ND	ND	ND	ND
Cadmium	6010	2.5	ND	NA	ND	ND	ND	ND
Chromium	6010	2.5	ND	NA	38	23	19	51
Cobalt	6010	2.5	ND	NA	8.2	2.7	5.8	13
Copper	6010	2.5	ND	NA	37	20	16	16
Lead	6010	5.0	ND	36	260	10	11	6.6
Mercury	7471	0.10	ND	NA	0.64	ND	ND	ND
Molybdenum	6010	5.0	ND	NA	ND	ND	ND	ND
Nickel	6010	5.0	ND	NA	36	23	23	43
Selenium	6010	10	ND	NA	ND	ND	ND	ND
Silver	6010	5.0	ND	NA	22	ND	ND	ND
Thallium	6010	10	ND	NA	ND	ND	ND	ND
Vanadium	6010	5.0	ND	NA	35	30	21	52
Zinc	6010	5.0	ND	NA	94	31	42	38

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/09/99
Date Analyzed: 02/10-12/99
Batch Number: 6010S1138

		Sample ID:	A18-3	A18-6	A15-1	A15-3	A15-5	A14-1
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	12	13	12	11	15	9.7
Barium	6010	5.0	75	63	88	110	170	130
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	58	47	85	53	44	43
Cobalt	6010	2.5	12	9.6	20	11	9.5	10
Copper	6010	2.5	16	15	5.8	14	80	14
Lead	6010	5.0	5.9	8.0	6.5	64	460	67
Mercury	7471	0.10	ND	ND	ND	0.23	0.42	ND
Molybdenum	6010	5.0	ND	ND	ND	ND	ND	ND
Nickel	6010	5.0	49	37	34	44	30	33
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	53	43	78	45	38	39
Zinc	6010	5.0	39	38	20	74	410	70

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/09/99
Date Analyzed: 02/10-12/99
Batch Number: 6010S1138

		Sample ID:	A14-3	A14-5	A17-1	A17-3	A17-5	A17-10
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	8.8	ND	7.5	15	11	8.9
Barium	6010	5.0	100	71	92	160	74	45
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	45	11	20	47	45	90
Cobalt	6010	2.5	6.8	3.8	11	15	8.0	5.8
Copper	6010	2.5	14	5.8	14	49	7.4	6.1
Lead	6010	5.0	140	8.3	11	280	ND	5.2
Mercury	7471	0.10	ND	ND	ND	0.10	ND	ND
Molybdenum	6010	5.0	ND	ND	ND	5.8	ND	5.2
Nickel	6010	5.0	27	12	20	38	43	33
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	39	20	22	42	38	42
Zinc	6010	5.0	62	22	38	130	27	20

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/09/99
Date Analyzed: 02/10-12/99
Batch Number: 6010S1138

		Sample ID:	A17-15	A5-1	A5-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND
Arsenic	6010	5.0	25	15	22
Barium	6010	5.0	160	140	240
Beryllium	6010	5.0	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND
Chromium	6010	2.5	90	57	35
Cobalt	6010	2.5	31	13	14
Copper	6010	2.5	9.8	22	30
Lead	6010	5.0	ND	26	25
Mercury	7471	0.10	ND	ND	ND
Molybdenum	6010	5.0	7.6	5.6	6.5
Nickel	6010	5.0	64	46	47
Selenium	6010	10	ND	ND	ND
Silver	6010	5.0	ND	ND	ND
Thallium	6010	10	ND	ND	ND
Vanadium	6010	5.0	96	45	34
Zinc	6010	5.0	34	55	75

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/10/99
Date Analyzed: 02/12-15/99
Batch Number: 6010S1139

		Sample ID:	Blank	A5-5	A5-10	A5-15	A7-1	A7-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	ND	18	ND	12	13	14
Barium	6010	5.0	ND	130	10	21	180	130
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	ND	38	29	43	24	34
Cobalt	6010	2.5	ND	14	3.7	5.7	12	9.1
Copper	6010	2.5	ND	17	25	11	17	32
Lead	6010	5.0	ND	17	ND	6.2	16	84
Mercury	7471	0.10	ND	ND	ND	ND	ND	0.10
Molybdenum	6010	5.0	ND	6.2	ND	8.2	5.3	6.3
Nickel	6010	5.0	ND	40	17	38	25	28
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	25	8.3	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	ND	39	26	35	28	35
Zinc	6010	5.0	ND	43	15	40	47	88

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/10/99
Date Analyzed: 02/12-15/99
Batch Number: 6010S1139

		Sample ID:	Blank	A5-5	A5-10	A5-15	A7-1	A7-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	ND	18	ND	12	13	14
Barium	6010	5.0	ND	130	10	21	180	130
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	ND	38	29	43	24	34
Cobalt	6010	2.5	ND	14	3.7	5.7	12	9.1
Copper	6010	2.5	ND	17	25	11	17	32
Lead	6010	5.0	ND	17	ND	6.2	16	84
Mercury	7471	0.10	ND	ND	ND	ND	ND	0.10
Molybdenum	6010	5.0	ND	6.2	ND	8.2	5.3	6.3
Nickel	6010	5.0	ND	40	17	38	25	28
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	25	8.3	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	ND	39	26	35	28	35
Zinc	6010	5.0	ND	43	15	40	47	88

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/10/99
Date Analyzed: 02/12-15/99
Batch Number: 6010S1139

		Sample ID:	A7-5	A7-10	A7-15	A6-1	A6-3	A6-5
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	15	5.0	13	18	18	14
Barium	6010	5.0	14	23	110	110	130	83
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	53	32	66	59	58	79
Cobalt	6010	2.5	11	4.4	11	16	16	13
Copper	6010	2.5	13	3.1	12	14	16	13
Lead	6010	5.0	9.9	ND	6.3	49	37	13
Mercury	7471	0.10	ND	ND	ND	0.21	ND	ND
Molybdenum	6010	5.0	6.9	ND	6.5	7.0	7.2	8.7
Nickel	6010	5.0	42	19	34	58	51	55
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	48	27	51	54	54	65
Zinc	6010	5.0	48	18	31	82	96	42

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/10/99
Date Analyzed: 02/12-15/99
Batch Number: 6010S1139

		Sample ID:	A6-10	A6-15	A4-1	A4-3	A4-5	A4-10
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	5.8	ND	15	22	11	ND
Barium	6010	5.0	20	19	97	380	69	14
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	31	33	48	22	35	28
Cobalt	6010	2.5	3.6	4.0	12	15	6.4	3.5
Copper	6010	2.5	48	67	27	37	17	2.9
Lead	6010	5.0	35	43	21	180	65	ND
Mercury	7471	0.10	2.7	3.4	0.12	0.12	ND	ND
Molybdenum	6010	5.0	ND	ND	8.4	8.8	5.1	ND
Nickel	6010	5.0	19	22	62	48	32	18
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	25	27	36	26	27	21
Zinc	6010	5.0	69	59	65	73	66	15

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/10/99
Date Analyzed: 02/12-15/99
Batch Number: 6010S1139

		Sample ID:	A4-15	A3-1	A3-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND
Arsenic	6010	5.0	11	18	33
Barium	6010	5.0	18	170	360
Beryllium	6010	5.0	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND
Chromium	6010	2.5	46	35	17
Cobalt	6010	2.5	5.9	11	21
Copper	6010	2.5	14	29	34
Lead	6010	5.0	8.3	120	34
Mercury	7471	0.10	ND	0.39	0.12
Molybdenum	6010	5.0	5.0	8.5	11
Nickel	6010	5.0	41	30	55
Selenium	6010	10	ND	ND	ND
Silver	6010	5.0	ND	ND	ND
Thallium	6010	10	ND	ND	ND
Vanadium	6010	5.0	42	37	25
Zinc	6010	5.0	44	100	86

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/11/99
Date Analyzed: 02/15-16/99
Batch Number: 6010S1141

		Sample ID:	Blank	A3-5	A3-10	A3-15	A2-1	A2-3
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	ND	14	7.3	15	14	14
Barium	6010	5.0	ND	170	72	21	69	90
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	ND	29	30	43	59	54
Cobalt	6010	2.5	ND	8.0	3.8	5.8	8.5	9.4
Copper	6010	2.5	ND	15	17	13	11	12
Lead	6010	5.0	ND	42	160	7.1	33	20
Mercury	7471	0.10	ND	0.13	2.5	ND	ND	ND
Molybdenum	6010	5.0	ND	9.2	ND	8.9	7.2	7.4
Nickel	6010	5.0	ND	30	19	42	30	34
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	ND	27	26	36	48	46
Zinc	6010	5.0	ND	390	140	49	48	40

Metals

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/11/99
Date Analyzed: 02/15-16/99
Batch Number: 6010S1141

		Sample ID:	A2-5	A2-10	A2-15	A1-1	A1-3	A1-5
Element	Method #	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010	5.0	8.1	7.4	ND	11	10	11
Barium	6010	5.0	82	240	6.6	90	87	84
Beryllium	6010	5.0	ND	ND	ND	ND	ND	ND
Cadmium	6010	2.5	ND	ND	ND	ND	ND	ND
Chromium	6010	2.5	14	28	21	63	55	57
Cobalt	6010	2.5	ND	5.3	3.2	9.7	9.5	8.8
Copper	6010	2.5	21	22	2.6	14	14	13
Lead	6010	5.0	320	240	ND	36	58	37
Mercury	7471	0.10	16*	9.1*	0.20	0.19	0.10	0.18
Molybdenum	6010	5.0	ND	ND	ND	ND	ND	ND
Nickel	6010	5.0	11	21	15	32	33	36
Selenium	6010	10	ND	ND	ND	ND	ND	ND
Silver	6010	5.0	ND	ND	ND	ND	ND	ND
Thallium	6010	10	ND	ND	ND	ND	ND	ND
Vanadium	6010	5.0	13	29	17	48	45	44
Zinc	6010	5.0	300	130	13	47	47	49

*These concentrations for Mercury are estimated values; see Case Narrative.

Metals

Client: PSI
Project: Caltrans; Bay Bridge West Approach
Job No: 14401
Matrix: Soil
Analyst: RVJ/RLB/TLR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Digested: 02/11/99
Date Analyzed: 02/15-16/99
Batch Number: 6010S1141

		Sample ID:	A1-10	A1-15
Element	Method #	DL	mg/Kg	mg/Kg
Antimony	6010	5.0	ND	ND
Arsenic	6010	5.0	9.8	6.1
Barium	6010	5.0	70	9.4
Beryllium	6010	5.0	ND	ND
Cadmium	6010	2.5	ND	ND
Chromium	6010	2.5	31	36
Cobalt	6010	2.5	5.1	4.1
Copper	6010	2.5	16	3.1
Lead	6010	5.0	200	ND
Mercury	7471	0.10	0.96	ND
Molybdenum	6010	5.0	ND	ND
Nickel	6010	5.0	20	20
Selenium	6010	10	ND	ND
Silver	6010	5.0	ND	ND
Thallium	6010	10	ND	ND
Vanadium	6010	5.0	27	28
Zinc	6010	5.0	210	17

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1138
MS/MSD Sample ID: A18-3

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	19.5	18.4	6%	20%	Pass	50	120	75 - 125	Pass
Arsenic	66.2	64.8	2%	20%	Pass	50	104	75 - 125	Pass
Barium	127	126	0%	20%	Pass	50	99	75 - 125	Pass
Beryllium	39.7	40.3	1%	20%	Pass	50	98	75 - 125	Pass
Cadmium	48.0	48.3	1%	20%	Pass	50	99	75 - 125	Pass
Chromium	120	123	2%	20%	Pass	50	103	75 - 125	Pass
Cobalt	61.1	61.3	0%	20%	Pass	50	102	75 - 125	Pass
Copper	65.8	65.5	0%	20%	Pass	50	100	75 - 125	Pass
Lead	55.1	56.6	3%	20%	Pass	50	101	75 - 125	Pass
Mercury	2.66	2.66	0%	20%	Pass	2.5	104	75 - 125	Pass
Molybdenum	52.8	53.0	0%	20%	Pass	50	101	75 - 125	Pass
Nickel	99.2	99.1	0%	20%	Pass	50	101	75 - 125	Pass
Selenium	50.6	49.9	1%	20%	Pass	50	100	75 - 125	Pass
Silver**	49.0	50.0	2%	20%	Pass	50	98	75 - 125	Pass
Thallium	48.5	49.6	2%	20%	Pass	50	86	75 - 125	Pass
Vanadium	107	108	1%	20%	Pass	50	103	75 - 125	Pass
Zinc	88.9	89.4	1%	20%	Pass	50	114	75 - 125	Pass

Analytical Notes

**The MS/MSD for this analyte did not meet the acceptance criteria due to a sample matrix effect. The LCS / LCSD pair was used to provide precision data for this batch

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1139
MS/MSD Sample ID: A7-10

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	38.1	37.8	1%	20%	Pass	50	101	75 - 125	Pass
Arsenic	49.7	51.1	3%	20%	Pass	50	95	75 - 125	Pass
Barium	66.3	70.9	7%	20%	Pass	50	96	75 - 125	Pass
Beryllium	42.4	43.4	2%	20%	Pass	50	93	75 - 125	Pass
Cadmium	46.0	47.4	3%	20%	Pass	50	96	75 - 125	Pass
Chromium	79.6	80.6	1%	20%	Pass	50	99	75 - 125	Pass
Cobalt	50.1	51.3	2%	20%	Pass	50	98	75 - 125	Pass
Copper	48.5	49.3	2%	20%	Pass	50	96	75 - 125	Pass
Lead	49.3	51.6	4%	20%	Pass	50	96	75 - 125	Pass
Mercury	2.62	2.71	3%	20%	Pass	2.5	106	75 - 125	Pass
Molybdenum	49.7	50.8	2%	20%	Pass	50	97	75 - 125	Pass
Nickel	64.7	66.4	3%	20%	Pass	50	98	75 - 125	Pass
Selenium	42.7	44.0	3%	20%	Pass	50	91	75 - 125	Pass
Silver	49.3	44.6	10%	20%	Pass	50	91	75 - 125	Pass
Thallium	53.5	54.6	2%	20%	Pass	50	113	75 - 125	Pass
Vanadium	72.6	77.9	7%	20%	Pass	50	99	75 - 125	Pass
Zinc	62.7	65.1	4%	20%	Pass	50	100	75 - 125	Pass

Analytical Notes

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1141
MS/MSD Sample ID: A3-5

Metal	Batch Precision Results: Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass / Fail	Batch Accuracy Results: Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits Percent Recovery	Pass / Fail
Antimony	34.0	39.4	15%	20%	Pass	50	102	75 - 125	Pass
Arsenic	58.1	54.7	6%	20%	Pass	50	99	75 - 125	Pass
Barium	179	164	9%	20%	Pass	50	97	75 - 125	Pass
Beryllium	41.0	43.9	7%	20%	Pass	50	95	75 - 125	Pass
Cadmium	46.2	47.3	3%	20%	Pass	50	98	75 - 125	Pass
Chromium	73.6	70.3	5%	20%	Pass	50	100	75 - 125	Pass
Cobalt	49.9	50.2	1%	20%	Pass	50	99	75 - 125	Pass
Copper	63.0	58.3	8%	20%	Pass	50	99	75 - 125	Pass
Lead**	49.6	49.6	0%	20%	Pass	50	99	75 - 125	Pass
Mercury	2.67	2.69	1%	20%	Pass	2.5	106	75 - 125	Pass
Molybdenum	49.4	49.5	0%	20%	Pass	50	98	75 - 125	Pass
Nickel	65.6	64.1	2%	20%	Pass	50	100	75 - 125	Pass
Selenium	45.8	47.6	4%	20%	Pass	50	95	75 - 125	Pass
Silver	43.5	44.6	2%	20%	Pass	50	93	75 - 125	Pass
Thallium	46.1	48.7	6%	20%	Pass	50	111	75 - 125	Pass
Vanadium	73.1	72.7	1%	20%	Pass	50	99	75 - 125	Pass
Zinc**	50.8	50.8	0%	20%	Pass	50	102	75 - 125	Pass

Analytical Notes

**The MS/MSD for this analyte did not meet the acceptance criteria due to a sample matrix effect. The LCS / LCSD pair was used to provide precision data for this batch.

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate
MS: Matrix Spike
MSD: Matrix Spike Duplicate
RPD: Relative Percent Difference

Modified 8015 - Fuel Screen

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: NBP

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/08/99
Date Analyzed: 02/08/99
Batch Number: 8015DS1547

Fuel Identified:	Motor Oil	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
B13-1	ND	**19***	10
B13-3	ND	ND	10
B13-6	ND	**14***	10
A18-1	ND	**11***	10
A18-3	ND	**15***	10
A18-6	ND	ND	10
A15-1	ND	ND	10
A15-3	ND	**11***	10
A15-5	ND	ND	10
A14-1	ND	ND	10
A14-3	ND	ND	10
A14-5	ND	ND	10
A17-1	ND	ND	10
A17-3	ND	ND	10
A17-5	ND	ND	10
A17-10	ND	ND	10
A17-15	ND	ND	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as Extractable Hydroc

Modified 8015 - Fuel Screen

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/08/99
Matrix:	Soil	Date Analyzed:	02/8-9/1999
Analyst:	NBP	Batch Number:	8015DS1548

Fuel Identified:	Motor Oil	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
A5-1	ND	ND	10
A5-3	ND	ND	10
A5-5	ND	ND	10
A5-10	ND	ND	10
A5-15	ND	ND	10
A7-1	11*	18*	10
A7-3	ND	ND	10
A7-5	ND	ND	10
A7-10	ND	ND	10
A7-15	ND	ND	10
A6-1	56*	ND	10
A6-3	ND	12*	10
A6-5	ND	ND	10
A6-10	ND	ND	10
A6-15	ND	ND	10
A4-1	88*	16*	10
A4-3	75*	ND	10
A4-5	ND	ND	10
A4-10	ND	ND	10
A4-15	ND	ND	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as indicated.

Modified 8015 - Fuel Screen

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/09/99
Matrix:	Soil	Date Analyzed:	02/09/99
Analyst:	NBP	Batch Number:	8015DS1549

Fuel Identified:	Diesel	Extractable Hydrocarbons	Detection Limits
Units:	mg/kg	mg/kg	mg/kg
Blank	ND	ND	10
A3-1	ND	ND	10
A3-3	ND	ND	10
A3-5	ND	ND	10
A3-10	160	ND	10
A3-15	ND	ND	10
A2-1	ND	ND	10
A2-3	ND	ND	10
A2-5	ND	12*	10
A2-10	37	ND	10
A2-15	ND	ND	10
A1-1	ND	ND	10
A1-3	ND	10*	10
A1-5	ND	ND	10
A1-10	ND	ND	10
A1-15	ND	12*	10

*The concentration of petroleum hydrocarbons has been quantitated against diesel and reported as Extractable Hydroc

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1547

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	102	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	102	99	3%	29%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1548

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	100	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A7-15

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	105	102	3%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1549

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	97	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	97	95	2%	29%	Pass

Analytical Notes:

MS, Matrix Spike Sample
MSD Matrix Spike Duplicate

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: GR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/05-06/99
Batch Number: M18015GS0519
8015GS2085

Sample ID	Detection Limit	Petroleum Hydrocarbons as Gasoline
	mg/kg	mg/kg
Method Blank	0.50	ND
B13-1	0.50	ND
B13-3	0.50	ND
B13-6	0.50	ND
A18-1	0.50	ND
A18-3	0.50	ND
A18-6	0.50	ND
A15-1	0.50	ND
A15-3	0.50	ND
A15-5	0.50	ND
A14-1	0.50	ND
A14-3	0.50	ND
A14-5	0.50	ND
A17-1	0.50	ND
A17-3	0.50	ND
A17-5	0.50	ND
A17-10	0.50	ND
A17-15	0.50	ND
A5-1	0.50	ND
A5-3	0.50	ND
A5-5	0.50	ND

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: GR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/05-08/99
Batch Number: M18015GS0519
8015GS2085
8015GS2087

Sample ID	Detection Limit mg/kg	Petroleum Hydrocarbons as Gasoline mg/kg
Method Blank	0.50	ND
A5-10	0.50	ND
A5-15	0.50	ND
A7-1	0.50	ND
A7-3	0.50	ND
A7-5	0.50	ND
A7-10	0.50	ND
A7-15	0.50	ND
A6-1	0.50	ND
A6-3	0.50	ND
A6-5	0.50	ND
A6-10	0.50	ND
A6-15	0.50	ND
A4-1	0.50	ND
A4-3	0.50	ND
A4-5	0.50	ND
A4-10	0.50	ND
A4-15	0.50	ND
A3-1	0.50	ND
A3-3	0.50	ND
A3-5	0.50	ND

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: GR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/08-09/99
Batch Number: 8015GS2088
8015GS2089

Sample ID	Detection Limit mg/kg	Petroleum Hydrocarbons as Gasoline mg/kg
Method Blank	0.50	ND
A3-10	0.50	0.54
A3-15	0.50	ND
A2-1	0.50	ND
A2-3	0.50	ND
A2-5	0.50	ND
A2-10	0.50	ND
A2-15	0.50	ND
A1-1	0.50	ND
A1-3	0.50	ND
A1-5	0.50	ND
A1-10	0.50	ND
A1-15	0.50	ND

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: M18015GS0519

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	111	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	11.13	10.58	5%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2085

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	95	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A-14-1

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	8.79	8.73	1%	25%	Pass

Analytical Notes:

MS. Matrix Spike Sample
MSD Matrix Spike Duplicate

Centrum
(800) 798-9336

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2087

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery		Pass/Fail
Gasoline	10.0	94	70	130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	9.37	9.03	4%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2088

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	94	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	9.37	9.03	4%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2089

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	95	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	9.54	9.75	2%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8020 - BTEX and MtBE

Client: PSI
Project: Caltrans: Bay Bridge West
Job No.: 14401
Matrix: Soil
Analyst: GR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/05-09/99
Batch Number: 8020S2085, 8020S2087
8020S2088, 8020S2089

	Methyl-tert butyl ether	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (BFB)
Detection Limit:	0.005	0.005	0.005	0.005	0.015	Limit: >50%
Sample ID	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Method Blank	ND	ND	ND	ND	ND	96 %
A14-1	ND	ND	ND	ND	ND	87 %
A14-3	ND	ND	ND	ND	ND	88 %
A14-5	ND	ND	ND	ND	ND	95 %
A6-1	ND	ND	ND	ND	ND	84 %
A6-3	ND	ND	ND	ND	ND	94 %
A6-5	ND	ND	ND	ND	ND	95 %
A6-10	ND	ND	ND	ND	ND	95 %
A6-15	ND	ND	ND	ND	ND	94 %
A4-1	ND	ND	ND	ND	ND	97 %
A4-3	ND	ND	ND	ND	ND	79 %
A4-5	ND	ND	ND	ND	ND	94 %
A4-10	ND	ND	ND	ND	ND	98 %
A4-15	ND	ND	ND	ND	ND	77 %
A3-1	ND	ND	ND	ND	ND	77 %
A3-3	ND	ND	ND	ND	ND	95 %
A3-5	ND	ND	ND	ND	ND	65 %
A3-10	ND	ND	ND	ND	ND	82 %
A3-15	ND	ND	ND	ND	ND	70 %
A1-1	ND	ND	ND	ND	ND	92 %
A1-3	ND	ND	ND	ND	ND	93 %

EPA 8020 - BTEX and MtBE

Client: PSI
Project: Caltrans; Bay Bridge West
Job No.: 14401
Matrix: Soil
Analyst: GR

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/09/99
Batch Number: 8020S2089

	Methyl-tert butyl ether	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (BFB)
Detection Limit:	0.005	0.005	0.005	0.005	0.015	Limit: >50%
Sample ID	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Method Blank	ND	ND	ND	ND	ND	96 %
A1-5	ND	ND	ND	ND	ND	97 %
A1-10	ND	ND	ND	ND	ND	89 %
A1-15	ND	ND	ND	ND	ND	94 %

QC Sample Report - EPA 8020

Centrum
(800) 798-9336

Matrix: Soil
Batch #: 8020S2085

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	99	70 - 130	Pass
Benzene	0.10	102	70 - 130	Pass
Toluene	0.10	99	70 - 130	Pass
Ethyl Benzene	0.10	95	70 - 130	Pass
m-, p-Xylene	0.20	101	70 - 130	Pass
o-Xylene	0.10	104	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A-14-1

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.009	0.009	4%	25%	Pass
Benzene	0.281	0.274	2%	25%	Pass
Toluene	0.792	0.779	2%	25%	Pass
Ethyl Benzene	0.159	0.158	1%	25%	Pass
m-, p-Xylene	0.577	0.572	1%	25%	Pass
o-Xylene	0.244	0.243	0%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8020

Centrum
(800) 798-9336

Matrix: Soil
Batch #: 8020S2087

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	95	70 - 130	Pass
Benzene	0.10	102	70 - 130	Pass
Toluene	0.10	100	70 - 130	Pass
Ethyl Benzene	0.10	94	70 - 130	Pass
m-, p-Xylene	0.20	102	70 - 130	Pass
o-Xylene	0.10	105	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.095	0.086	10%	25%	Pass
Benzene	0.102	0.105	3%	25%	Pass
Toluene	0.100	0.101	1%	25%	Pass
Ethyl Benzene	0.094	0.097	3%	25%	Pass
m-, p-Xylene	0.204	0.204	0%	25%	Pass
o-Xylene	0.105	0.106	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8020

Centrum
(800) 798-9336

Matrix: Soil
Batch #: 8020S2088

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	95	70 - 130	Pass
Benzene	0.10	102	70 - 130	Pass
Toluene	0.10	100	70 - 130	Pass
Ethyl Benzene	0.10	94	70 - 130	Pass
m-, p-Xylene	0.20	102	70 - 130	Pass
o-Xylene	0.10	105	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.095	0.086	10%	25%	Pass
Benzene	0.102	0.105	3%	25%	Pass
Toluene	0.100	0.101	1%	25%	Pass
Ethyl Benzene	0.094	0.097	3%	25%	Pass
m-, p-Xylene	0.204	0.204	0%	25%	Pass
o-Xylene	0.105	0.106	1%	25%	Pass

Analytical Notes:

MS Matrix Spike Sample
MSD Matrix Spike Duplicate

QC Sample Report - EPA 8020

Centrum
(800) 798-9336

Matrix: Soil
Batch #: 8020S2089

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	92	70 - 130	Pass
Benzene	0.10	107	70 - 130	Pass
Toluene	0.10	104	70 - 130	Pass
Ethyl Benzene	0.10	100	70 - 130	Pass
m-, p-Xylene	0.20	106	70 - 130	Pass
o-Xylene	0.10	109	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.092	0.101	9%	25%	Pass
Benzene	0.107	0.107	0%	25%	Pass
Toluene	0.104	0.104	0%	25%	Pass
Ethyl Benzene	0.100	0.101	1%	25%	Pass
m-, p-Xylene	0.212	0.214	1%	25%	Pass
o-Xylene	0.109	0.108	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

EPA 8080 - PCBs

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Approa	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/15/99
Matrix:	Soil	Date Analyzed:	02/24-27/99
Analyst:	TPW	Batch Number:	PCBS0264
			PCBS0265

	Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Tetrachloro-m-xylene	96	96	105	105	110	111

EPA 8080 - PCBs

Client: PSI
Project: Caltrans: Bay Bridge West Approa
Job No.: 14401
Matrix: Soil
Analyst: TPW

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/15/99
Date Analyzed: 02/24-27/99
Batch Number: PCBS0264
PCBS0265

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Tetrachloro-m-xylene	113	112	103	111	111	101

EPA 8080 - PCBs

Client: PSI
Project: Caltrans: Bay Bridge West Approa
Job No.: 14401
Matrix: Soil
Analyst: TPW

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/15/99
Date Analyzed: 02/24-27/99
Batch Number: PCBS0264
PCBS0265

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Tetrachloro-m-xylene	117	114	115	116	113	113

EPA 8080 - PCBs

Client: PSI
Project: Caltrans: Bay Bridge West Approa
Job No.: 14401
Matrix: Soil
Analyst: TPW

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/15/99
Date Analyzed: 02/24-27/99
Batch Number: PCBS0264
PCBS0265

	Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Tetrachloro-m-xylene	119	109	119	94	99	102

EPA 8080 - PCBs

Client: PSI
Project: Caltrans: Bay Bridge West Approa
Job No.: 14401
Matrix: Soil
Analyst: TPW

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/15/99
Date Analyzed: 02/24-27/99
Batch Number: PCBS0264
PCBS0265

	Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
PCBs	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.050	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.050	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 50 - 150

Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Tetrachloro-m-xylene	110	110	117	107	93	108

QC Sample Report - EPA 8080 PCB

Matrix: Other
Batch #: PCB\$0264

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Aroclor 1242	0.0667	109	75 - 127	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Aroclor 1242	0.0727	0.0697	4%	24%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - EPA 8080 PCB

Matrix: Other
Batch #: PCBS0265

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Aroclor 1242	0.0667	82	75 - 127	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Aroclor 1242	0.0548	0.0596	8%	24%	Pass

Analytical Notes:

MS Matrix Spike Sample
MSD Matrix Spike Duplicate

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Dibromofluoromethane	102	110	105	107	107	109
Toluene-d8	101	104	102	100	103	105
Bromofluorobenzene	107	104	104	100	104	106

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EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans; Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	Blank	B13-1	B13-3	B13-6	A18-1	A18-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

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EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

Sample ID:		A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Dibromofluoromethane	109	105	104	110	104	106
Toluene-d8	105	101	96	98	95	100
Bromofluorobenzene	102	103	103	95	103	101

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EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans; Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A18-6	A15-1	A15-3	A15-5	A17-1	A17-3
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans; Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

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EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Dibromofluoromethane	106	105	105	103	104	104
Toluene-d8	100	103	100	99	100	97
Bromofluorobenzene	105	102	105	104	102	99

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EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A17-5	A17-10	A17-15	A5-1	A5-3	A5-5
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

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EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1556
8260S1557

	Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Dibromofluoromethane	105	108	108	108	106	106
Toluene-d8	101	95	99	102	105	100
Bromofluorobenzene	102	92	104	99	96	103

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EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A5-10	A5-15	A7-1	A7-3	A7-5	A7-10
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

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EPA 8260 - Volatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Approach
Job No.: 14401
Matrix: Soil
Analyst: JMR/RRC

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Analyzed: 02/07-09/99
Batch Number: 8260S1558
8260S1557

	Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.02	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

Sample ID:		A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.01	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Napthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Dibromofluoromethane	104	108	110	103	106	109
Toluene-d8	99	100	105	100	97	105
Bromofluorobenzene	96	104	97	100	91	99

EPA 8260 - Volatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Approach	Date Received:	02/05/99
Job No.:	14401	Date Analyzed:	02/07-09/99
Matrix:	Soil	Batch Number:	8260S1556
Analyst:	JMR/RRC		8260S1557

	Sample ID:	A7-15	A2-1	A2-3	A2-5	A2-10	A2-15
Compounds	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
t-Butyl alcohol	0.050	ND	ND	ND	ND	ND	ND
Diisopropyl ether	0.005	ND	ND	ND	ND	ND	ND
Ethyl-t-butyl ether	0.005	ND	ND	ND	ND	ND	ND
t-Amyl-methyl ether	0.005	ND	ND	ND	ND	ND	ND

QC Sample Report - EPA Method 8260

Matrix: Soil
Batch #: 8260S1556

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
1,1-Dichloroethene	0.020	114	59 - 172	Pass
Benzene	0.020	115	66 - 142	Pass
Trichloroethene	0.020	114	71 - 137	Pass
Toluene	0.020	109	59 - 139	Pass
Chlorobenzene	0.020	114	60 - 133	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID 14372-71

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
1,1-Dichloroethene	0.0223	0.0249	11%	22%	Pass
Benzene	0.0223	0.0231	3%	21%	Pass
Trichloroethene	0.0211	0.0230	9%	24%	Pass
Toluene	0.0208	0.0210	1%	21%	Pass
Chlorobenzene	0.0221	0.0231	5%	21%	Pass

Analytical Notes:

MS Matrix Spike Sample
MSD Matrix Spike Duplicate

QC Sample Report - EPA Method 8260

Matrix: Soil
Batch #: 8260S1557

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
1,1-Dichloroethene	0.020	116	59 - 172	Pass
Benzene	0.020	120	66 - 142	Pass
Trichloroethene	0.020	120	71 - 137	Pass
Toluene	0.020	118	59 - 139	Pass
Chlorobenzene	0.020	113	60 - 133	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: A2-3

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
1,1-Dichloroethene	0.0225	0.0204	10%	22%	Pass
Benzene	0.0228	0.0213	7%	21%	Pass
Trichloroethene	0.0229	0.0204	12%	24%	Pass
Toluene	0.0217	0.0197	10%	21%	Pass
Chlorobenzene	0.0192	0.0190	1%	21%	Pass

Analytical Notes:

MS: Matrix Spike Sample

MSD: Matrix Spike Duplicate

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	Blank	B-13-3	B13-6	A18-1	A18-3	A18-6
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethythexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	Blank	B-13-3	B13-5	A18-1	A18-3	A18-5
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	ND	2.3	0.58	1.6	1.9	3.3
Pyrene	0.033	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	Blank	B-13-3	B13-5	A18-1	A18-3	A18-5
2-Fluorophenol (25 - 121%)	87	85	82	87	84	84
Phenol-D5 (24 - 113%)	93	88	87	93	91	89
Nitrobenzene-D5 (23 - 120%)	80	77	75	83	79	78
2-Fluorobiphenyl (30 - 115%)	78	72	74	80	78	75
2,4,6-Tribromophenol (19 - 122%)	79	77	75	80	69	77
p-Terphenyl-D14 (18 - 137%)	74	83	92	94	90	91

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	A14-1	A14-3	A14-5	A6-1	A6-5	A6-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	0.069	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	0.040
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	A14-1	A14-3	A14-5	A6-1	A6-5	A6-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	0.073
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	1.9	2.7	0.21	4.0	0.27	0.19
Pyrene	0.033	ND	ND	ND	ND	ND	0.090
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A14-1	A14-3	A14-5	A6-1	A6-5	A6-10
2-Fluorophenol (25 - 121%)	83	87	74	78	76	82
Phenol-D5 (24 - 113%)	88	92	80	82	81	86
Nitrobenzene-D5 (23 - 120%)	77	80	69	71	71	74
2-Fluorobiphenyl (30 - 115%)	75	77	70	69	70	71
2,4,6-Tribromophenol (19 - 122%)	78	82	76	76	77	75
p-Terphenyl-D14 (18 - 137%)	91	100	88	92	92	87

EPA 8270 Semivolatile Organics

Client: PSI
Project: Caltrans; Bay Bridge West Appr
Job No.: 14401
Matrix: Soil
Analyst: TPW

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/16-17/99
Dates Analyzed: 02/17-18/99
Batch Number: 8270S0474, 8270S0475

	Sample ID:	A6-15	A4-5	A4-10	A4-15	A3-1	A3-3
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	0.047	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	A6-15	A4-5	A4-10	A4-15	A3-1	A3-3
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	1.9	0.14	1.7	0.53	0.77	3.5
Pyrene	0.033	0.079	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A6-15	A4-5	A4-10	A4-15	A3-1	A3-3
2-Fluorophenol (25 - 121%)	83	109	82	84	72	104
Phenol-D5 (24 - 113%)	88	112	87	88	76	109
Nitrobenzene-D5 (23 - 120%)	75	89	76	76	67	93
2-Fluorobiphenyl (30 - 115%)	73	95	72	73	64	92
2,4,6-Tribromophenol (19 - 122%)	84	85	77	75	69	95
p-Terphenyl-D14 (18 - 137%)	100	107	91	89	89	111

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	A3-5	A3-15	A1-1	A1-3	A1-10	A1-15
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.033	ND	ND	ND	0.17	ND	ND
Acenaphthylene	0.033	ND	ND	ND	ND	ND	ND
Anthracene	0.033	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.066	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.066	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	0.099	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.099	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.13	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.066	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.099	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.033	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.16	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.13	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.033	ND	ND	ND	ND	ND	ND
Chrysene	0.033	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.033	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.099	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.033	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	0.13	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.16	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.099	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.033	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.6	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.033	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans; Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	A3-5	A3-15	A1-1	A1-3	A1-10	A1-15
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.099	ND	ND	ND	ND	ND	ND
Fluoranthene	0.033	ND	ND	ND	ND	ND	ND
Fluorene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.033	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.6	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.033	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.13	ND	ND	ND	ND	ND	ND
Isophorone	0.033	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.16	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.033	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.033	ND	ND	ND	ND	ND	ND
Naphthalene	0.033	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.099	ND	ND	ND	ND	ND	ND
4-Nitroaniline	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.099	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.13	ND	ND	ND	ND	ND	ND
4-Nitrophenol	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.6	ND	ND	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND	ND	ND
Phenol	0.13	1.6	1.2	1.7	2.9	0.87	0.51
Pyrene	0.033	ND	ND	ND	ND	0.036	ND
1,2,4-Trichlorobenzene	0.033	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.33	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	A3-5	A3-15	A1-1	A1-3	A1-10	A1-15
2-Fluorophenol (25 - 121%)	103	107	102	105	92	96
Phenol-D5 (24 - 113%)	109	110	107	108	97	101
Nitrobenzene-D5 (23 - 120%)	94	94	90	94	83	87
2-Fluorobiphenyl (30 - 115%)	93	93	90	94	84	90
2,4,6-Tribromophenol (19 - 122%)	95	103	96	99	91	98
p-Terphenyl-D14 (18 - 137%)	116	108	112	112	123	115

EPA 8270 Semivolatile Organics

Client: PSI
Project: Caltrans: Bay Bridge West Appr
Job No.: 14401
Matrix: Soil
Analyst: TPW

Date Sampled: 02/03/99
Date Received: 02/05/99
Date Extracted: 02/16-17/99
Dates Analyzed: 02/17-18/99
Batch Number: 8270S0474, 8270S0475

	Sample ID:	Blank	B13-1	A6-3	A4-1	A4-3	A3-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acenaphthene	0.33	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.33	ND	ND	ND	ND	ND	ND
Anthracene	0.33	ND	ND	ND	ND	ND	0.73
Benzo[a]anthracene	0.66	ND	ND	ND	ND	ND	1.2
Benzo[a]pyrene	0.66	ND	ND	ND	ND	ND	0.83
Benzo[b]fluoranthene	0.33	ND	ND	ND	ND	ND	1.3
Benzo[g,h,i]perylene	0.99	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.99	ND	ND	ND	ND	ND	1.3
Benzyl alcohol	1.3	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.66	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.66	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	0.99	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	3.3	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	0.33	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	0.33	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	1.6	ND	ND	ND	ND	ND	ND
4-Chloroaniline	1.6	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Chlorophenol	1.3	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	0.33	ND	ND	ND	ND	ND	ND
Chrysene	0.33	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	3.3	ND	ND	ND	ND	ND	1.0
Di-n-octylphthalate	0.33	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]anthracene	0.99	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.33	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	1.3	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1.6	ND	ND	ND	ND	ND	ND
Diethylphthalate	3.3	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.99	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.33	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	3.3	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	16	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.33	ND	ND	ND	ND	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	Blank	B13-1	A6-3	A4-1	A4-3	A3-10
Compound	DL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.99	ND	ND	ND	ND	ND	ND
Fluoranthene	0.33	ND	ND	ND	ND	ND	2.0
Fluorene	0.33	ND	ND	ND	ND	ND	0.43
Hexachlorobenzene	0.33	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.33	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	16	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.33	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	1.3	ND	ND	ND	ND	ND	ND
Isophorone	0.33	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Methylphenol	1.6	ND	ND	ND	ND	ND	ND
4-Methylphenol	1.6	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.33	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.33	ND	ND	ND	ND	ND	ND
Naphthalene	0.33	ND	ND	ND	ND	ND	ND
2-Nitroaniline	0.99	ND	ND	ND	ND	ND	ND
3-Nitroaniline	0.99	ND	ND	ND	ND	ND	ND
4-Nitroaniline	3.3	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.99	ND	ND	ND	ND	ND	ND
2-Nitrophenol	1.3	ND	ND	ND	ND	ND	ND
4-Nitrophenol	3.3	ND	ND	ND	ND	ND	ND
Pentachlorophenol	16	ND	ND	ND	ND	ND	ND
Phenanthrene	0.66	ND	ND	ND	ND	ND	2.1
Phenol	1.3	ND	3.1	6.6	8.4	4.3	ND
Pyrene	0.33	ND	ND	ND	ND	ND	2.8
1,2,4-Trichlorobenzene	0.33	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	2	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	3.3	ND	ND	ND	ND	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	Blank	B13-1	A6-3	A4-1	A4-3	A3-10
2-Fluorophenol (25 - 121%)	87	101	102	103	107	101
Phenol-D5 (24 - 113%)	93	104	105	107	111	100
Nitrobenzene-D5 (23 - 120%)	80	84	84	86	87	79
2-Fluorobiphenyl (30 - 115%)	78	89	89	93	96	85
2,4,6-Tribromophenol (19 - 122%)	79	82	85	85	88	80
p-Terphenyl-D14 (18 - 137%)	74	106	110	104	110	111

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	Blank	A1-5
Compound	DL	mg/Kg	mg/Kg
Acenaphthene	0.33	ND	ND
Acenaphthylene	0.33	ND	ND
Anthracene	0.33	ND	ND
Benzo[a]anthracene	0.66	ND	ND
Benzo[a]pyrene	0.66	ND	ND
Benzo[b]fluoranthene	0.33	ND	ND
Benzo[g,h,i]perylene	0.99	ND	ND
Benzo[k]fluoranthene	0.99	ND	ND
Benzyl alcohol	1.3	ND	ND
bis(2-Chloroethoxy)methane	0.66	ND	ND
bis(2-Chloroethyl)ether	0.66	ND	ND
bis(2-Chloroisopropyl)ether	0.99	ND	ND
bis(2-Ethylhexyl)phthalate	3.3	ND	ND
4-Bromophenylphenylether	0.33	ND	ND
Butylbenzylphthalate	0.33	ND	ND
4-Chloro-3-methylphenol	1.6	ND	ND
4-Chloroaniline	1.6	ND	ND
2-Chloronaphthalene	0.33	ND	ND
2-Chlorophenol	1.3	ND	ND
4-Chlorophenylphenylether	0.33	ND	ND
Chrysene	0.33	ND	ND
Di-n-butylphthalate	3.3	ND	ND
Di-n-octylphthalate	0.33	ND	ND
Dibenzo[a,h]anthracene	0.99	ND	ND
Dibenzofuran	0.33	ND	ND
1,2-Dichlorobenzene	0.33	ND	ND
1,3-Dichlorobenzene	0.33	ND	ND
1,4-Dichlorobenzene	0.33	ND	ND
3,3-Dichlorobenzidine	1.3	ND	ND
2,4-Dichlorophenol	1.6	ND	ND
Diethylphthalate	3.3	ND	ND
2,4-Dimethylphenol	0.99	ND	ND
Dimethylphthalate	0.33	ND	ND
4,6-Dinitro-2-methylphenol	3.3	ND	ND
2,4-Dinitrophenol	16	ND	ND
2,4-Dinitrotoluene	0.33	ND	ND

EPA 8270 Semivolatile Organics

Client:	PSI	Date Sampled:	02/03/99
Project:	Caltrans: Bay Bridge West Appr	Date Received:	02/05/99
Job No.:	14401	Date Extracted:	02/16-17/99
Matrix:	Soil	Dates Analyzed:	02/17-18/99
Analyst:	TPW	Batch Number:	8270S0474, 8270S0475

	Sample ID:	Blank	A1-5
Compound	DL	mg/Kg	mg/Kg
2,6-Dinitrotoluene	0.99	ND	ND
Fluoranthene	0.33	ND	ND
Fluorene	0.33	ND	ND
Hexachlorobenzene	0.33	ND	ND
Hexachlorobutadiene	0.33	ND	ND
Hexachlorocyclopentadiene	16	ND	ND
Hexachloroethane	0.33	ND	ND
Indeno[1,2,3-c,d]pyrene	1.3	ND	ND
Isophorone	0.33	ND	ND
2-Methylnaphthalene	0.33	ND	ND
2-Methylphenol	1.6	ND	ND
4-Methylphenol	1.6	ND	ND
N-Nitrosodi-n-propylamine	0.33	ND	ND
N-Nitrosodiphenylamine	0.33	ND	ND
Naphthalene	0.33	ND	ND
2-Nitroaniline	0.99	ND	ND
3-Nitroaniline	0.99	ND	ND
4-Nitroaniline	3.3	ND	ND
Nitrobenzene	0.99	ND	ND
2-Nitrophenol	1.3	ND	ND
4-Nitrophenol	3.3	ND	ND
Pentachlorophenol	16	ND	ND
Phenanthrene	0.66	ND	ND
Phenol	1.3	ND	ND
Pyrene	0.33	ND	ND
1,2,4-Trichlorobenzene	0.33	ND	ND
2,4,5-Trichlorophenol	2	ND	ND
2,4,6-Trichlorophenol	3.3	ND	ND

Surrogates (Limits) in Percent Recovery

Sample ID:	Blank	A1-5
2-Fluorophenol (25 - 121%)	87	103
Phenol-D5 (24 - 113%)	93	104
Nitrobenzene-D5 (23 - 120%)	80	79
2-Fluorobiphenyl (30 - 115%)	78	88
2,4,6-Tribromophenol (19 - 122%)	79	66
p-Terphenyl-D14 (18 - 137%)	74	112

QC Sample Report - EPA 8270

Batch #: 8270S0474 Matrix: Soil

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Phenol	1.89	86	5 - 112	Pass
2-Chlorophenol	2.04	87	23 - 134	Pass
1,4-Dichlorobenzene	1.10	82	20 - 124	Pass
N-Nitrosodi-n-propylamine	1.06	102	0 - 230	Pass
1,2,4-Trichlorobenzene	1.49	84	44 - 142	Pass
4-Chloro-3-Methylphenol	2.61	85	22 - 147	Pass
Acenaphthene	1.09	79	47 - 145	Pass
4-Nitrophenol	2.30	100	0 - 132	Pass
2,4-Dinitrotoluene	1.35	82	39 - 139	Pass
Pentachlorophenol	2.72	89	14 - 176	Pass
Pyrene	0.97	96	52 - 115	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Phenol	2.29	2.29	0%	35%	Pass
2-Chlorophenol	2.33	2.36	1%	50%	Pass
1,4-Dichlorobenzene	1.09	1.12	2%	27%	Pass
N-Nitrosodi-n-propylamine	1.35	1.31	3%	38%	Pass
1,2,4-Trichlorobenzene	1.12	1.14	2%	23%	Pass
4-Chloro-3-Methylphenol	2.27	2.38	5%	33%	Pass
Acenaphthene	1.05	1.09	4%	23%	Pass
4-Nitrophenol	2.66	2.46	8%	50%	Pass
2,4-Dinitrotoluene	1.09	0.92	17%	47%	Pass
Pentachlorophenol	2.38	2.11	12%	47%	Pass
Pyrene	1.28	1.33	3%	36%	Pass

Analytical Notes:

Centrum
(800) 798-9336

QC Sample Report - EPA 8270

Batch #: 8270S0475 Matrix: Soil

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Phenol	1.89	102	5 - 112	Pass
2-Chlorophenol	2.04	106	23 - 134	Pass
1,4-Dichlorobenzene	1.10	100	20 - 124	Pass
N-Nitrosodi-n-propylamine	1.06	115	0 - 230	Pass
1,2,4-Trichlorobenzene	1.49	103	44 - 142	Pass
4-Chloro-3-Methylphenol	2.61	104	22 - 147	Pass
Acenaphthene	1.09	99	47 - 145	Pass
4-Nitrophenol	2.30	108	0 - 132	Pass
2,4-Dinitrotoluene	1.35	92	39 - 139	Pass
Pentachlorophenol	2.72	95	14 - 176	Pass
Pyrene	0.97	114	52 - 115	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Phenol	2.71	2.71	0%	35%	Pass
2-Chlorophenol	2.82	2.77	2%	50%	Pass
1,4-Dichlorobenzene	1.34	1.30	3%	27%	Pass
N-Nitrosodi-n-propylamine	1.53	1.39	10%	38%	Pass
1,2,4-Trichlorobenzene	1.37	1.27	8%	23%	Pass
4-Chloro-3-Methylphenol	2.78	2.59	7%	33%	Pass
Acenaphthene	1.32	1.31	1%	23%	Pass
4-Nitrophenol	2.89	2.59	11%	50%	Pass
2,4-Dinitrotoluene	1.22	1.24	1%	47%	Pass
Pentachlorophenol	2.53	2.98	16%	47%	Pass
Pyrene	1.52	1.43	6%	36%	Pass

Analytical Notes:

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
REDLANDS, CA 92373

(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14401

Page 1 of 1

Project No.:	Project Name:
575-86001	Caltrans: Bay Bridge West Approach
Project Manager:	**Phone:** / **Fax:**
Frank Poss	(510) 785-1111 / (510) 785-1192
Client Name (Company):	**Address:**
P.S.I.	1320 W. Winton Ave, Hayward, CA

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	(GCMS 8260) 8240 8010 624	8080 Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline (8020) BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) 9P RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Speciation	6010 17 Metals
1	R3-2-30	2/3/99	915	S	West Anchorage	Acetate Sleeves								X				
2	B13-1		1020				X	X				X					X	X
3	B13-3		1025															
4	B13-6		1030															
5	A18-1		1050															
6	A18-3		1055															
7	A18-6		1100															
8	A15-1		1210										NO					
9	A15-3		1215															
10	A15-5		1225															

Turn-around time
- ☐ 24 Hr RUSH*
- ☐ 48 Hr RUSH*
- ☒ Normal TAT

*Requires prior approval, additional charges apply

Remarks/ Special Instructions

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	2/4/99	1700			
Received by	**Date**	**Time**	**Received by:**	**Date**	**Time**
			Relinquished by:	**Date**	**Time**
The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.			**Received for Laboratory by:**	**Date**	**Time**
				10:00	2/5/99

To be completed by laboratory personnel:
- Samples chilled? ☒ Yes ☐ No
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
- x Air-burne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☒ Lab disposal fee $5

Laboratory Notes: Archive any sample ending with "20". ie. A-1-20

Sample Locator No: F-5

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

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REDLANDS, CA 92373
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FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14401

Project No.: 375-86001	Project Name: Caltrans: West Approach
Project Manager:	Phone: Fax:
Client Name (Company)	Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	8260: GCMS: 8260	8080: PCBs	8015M: Diesel Fuel Screen	8020: BTEX	418.1 (TRPH)	8270: Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH-Spec	6010: 17 Metals
11	A14-1	2/3/99	1335	S						X		X					X	X
12	A14-3		1340							↓		↓						
13	A14-5		1345															
14	A17-1		1500				X	X										
15	A17-3		1505															
16	A17-5		1510															
17	A17-10		1530															
18	A17-15		1545														↓	↓
19	A17-20	↓	1605															Archive
20	A5-1	2/4/99	745	↓			X	X									X	X

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

*Requires prior approval and additional charges apply

Remarks/ Special Instructions

Relinquished by: (Sampler's Signature)	Date 2/4/99	Time 1700	Relinquished by:	Date	Time
Received by:	Date	Time	Received by:	Date	Time
			Relinquished by:	Date	Time
The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.			Received for Laboratory by:	Date 2/5/99	Time 10:10

To be completed by laboratory personnel:
- Samples chilled? ☑ Yes ☐ No
- Custody seals? ☐ Yes ☑ No
- All sample containers intact? ☑ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
- X Air bill

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No: F-5

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

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FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14401

Project No.: 575-8G001	Project Name: Caltrans: West Approach
Project Manager.	Phone: Fax:
Client Name. (Company)	Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260	8240 8010 Cl4Gl	8080 Pesticides PCBs	8015M: Diesel Fuel Screen	8020 BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Spec.	6010 17 Metals
21	A5-3	2/4/99	750	S			X		X									X	X
22	A5-5	"	800	"			↓		↓									↓	↓
23	A5-10	"	810	"			↓		↓									↓	↓
24	A5-15	"	820	"			↓		↓									↓	↓
25	A5-20	"	825	"			↓		↓									↓	↓
26	A7-1	"	845	"			X		X									X	X
27	A7-3	"	850	"			↓		↓									↓	↓
28	A7-5	"	855	"			↓		↓									↓	↓
29	A7-10	"	900	"			↓		↓									↓	↓
30	A7-15	↓	905	↓			↓		↓									↓	↓

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval additional charges apply

Remarks/ Special Instructions: Archive

Relinquished by (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	2/4/99	1700			
Received by:	Date	Time	Received by:	Date	Time
			Relinquished by:	Date	Time
The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.			Received for Laboratory by:	Date	Time
				2/6/99	1010

To be completed by laboratory personnel:
- Samples chilled? ☑ Yes ☐ No
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☑ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

K ☑ - P3 .

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No: F-5

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

14401

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
REDLANDS, CA 92373

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FAX (909) 793-1559

Chain of Custody Record

Centrum Job #

Page 4 of 7

Project No.: 575-8G001

Project Name: Caltrans: West Approach

Project Manager

Phone: Fax:

Client Name: (Company)

Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260	8015M: Diesel Fuel Screen	8020 (BTEX)	418.1 (TRPH)	Semivolatiles: 8270/625	Metals: TTLC/(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Spec.	6010 17 Metals
31	A7-20	2/4/99	915	S													
32	A6-1		935						X		X					X	X
33	A6-3		940														
34	A6-5		945														
35	A6-10		950														
36	A6-15		1000														
37	A6-20		1010														
38	A4-1		1025						X		X					X	X
39	A4-3		1030														
40	A4-5		1035														

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

Remarks/ Special Instructions

Archive-Do NOT discard

Archive

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	2/4/99	1700			
Received by:	Date	Time	Received by:	Date	Time
			Relinquished by:	Date	Time
			Received for Laboratory by:	Date	Time
				2/5/99	10:15

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel.

Samples chilled? ☒ Yes ☐ No

Custody seals? ☐ Yes ☒ No

All sample containers intact? ☒ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

XA.B.

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No.
F-5

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
REDLANDS, CA 92373
(909) 798-9306 • (800) 798-9306
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14401

Page 1 of 1

Project No.: 575-8G001
Project Name: Caltrans: West Approach
Project Manager:
Phone: (510) 785-1111 Fax: (510) 785-1192
Client Name (Company):
Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260	8260 Oxygenates (PCBs)	8015M: Diesel Fuel Screen	8020 (BTEX)	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH-Spec.	6010 17 Metals
41	A4-10	2/4/99	1045	S						X		X					X	X
42	A4-15		1050							X		X					X	X
43	A4-20		1105															
44	A3-1		1225							X		X					X	X
45	A3-3		1230															
46	A3-5		1235															
47	A3-10		1240															
48	A3-15		1245															
49	A3-20		1255															
50	A2-1		1330															

Archive

Archive

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	2/4/99	1700			
Received by	Date	Time	Received by	Date	Time
			Relinquished by:	Date	Time
			Received for laboratory by	Date	Time
				2/5/99	10:20

This delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
Samples chilled? ☒ Yes ☐ No
Custody seals? ☐ Yes ☒ No
All sample containers intact? ☒ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
to A.B.

Turn-around time
☐ 24 Hr RUSH*
☐ 48 Hr. RUSH*
☒ Normal TAT
* Requires prior approval; additional charges apply

Remarks/ Special Instructions

Sample Disposal
☐ Client will pick up
☐ Return to client
☐ Lab disposal fee $5

Laboratory Notes

Sample Locator No.
F-5

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.
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REDLANDS, CA 92373
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FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 14401

Page 6 of 7

Project No: 575-80-001
Project Name: Caltrans: West Approach
Project Manager:
Phone:
Fax:
Client Name (Company):
Address:

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260	PCBs: 8080	8015M: Diesel Fuel Screen	BTEX: 8020	418.1 (TRPH)	Semivolatiles: 8270/625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	TPH - Spec.	6010 17 Metals	Remarks/ Special Instructions
S1	A2-3	2/4/99	1335	S			X	X									X	X	
S2	A2-5	↓	1355	↓			↓	↓									↓	↓	
S3	A2-10		1400																
S4	A2-15		1410				↓	↓									↓	↓	
S5	A2-20		1420																Archive
S6	A1-1		1425							X		X					X	X	added per Scott Beams
S7	A1-3		1430							↓		↓					↓	↓	
S8	A1-5		1435																
S9	A1-10		1440																
S10	A1-15	↓	1450	↓						↓		↓					↓	↓	

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

Relinquished by (Sampler's Signature)	Date	Time	Relinquished by	Date	Time
	2/4/99	1700			
Received by	**Date**	**Time**	**Received by**	**Date**	**Time**
			Relinquished by:	Date	Time
			Received for laboratory by:	Date: 2/5/99	Time: 1010

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:
- Samples chilled? ☒ Yes ☐ No
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☐ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☒ Lab disposal fee $5

Laboratory Notes:

Sample Locator No: F-5

White Copy - Original (Accompanies Samples) | Yellow Copy - Centrum Files | Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.
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REDLANDS, CA 92373
(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Centrum Job # 14401

Chain of Custody Record

Analyses Requested

Project No	Project Name:		
574-8G001	Caltrans : West Approach		
Project Manager	Phone:	Fax:	
Client Name (Company)	Address:		

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 624.2	8080 PCBs Pesticides	8015M: Diesel Fuel Screen	8020 Aromatics BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome			Remarks/ Special Instructions
01	A1-20	2/4/99	1500	S															Archive

Turn-around time
- ☐ 24 Hr RUSH*
- ☐ 48 Hr. RUSH*
- ☐ Normal TAT

* Requires prior approval, additional charges apply

Relinquished by (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	2/4/99	1700			
Received by	Date	Time	Received by:	Date	Time
The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.			Relinquished by:	Date	Time
			Received for Laboratory by:	Date 2/4/99	Time 1700

To be completed by laboratory personnel:
- Samples chilled? ☑ Yes ☐ No
- Custody seals? ☐ Yes ☑ No
- All sample containers intact? ☑ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes

Sample Locator No.
F-5

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 12/11/99
Date Received: 12/14/99
Job Number: 15766

Project: Caltrans: West Approach

CASE NARRATIVE

The following information applies to samples which were received on 12/14/99 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

STLC Pb re-analysis by EPA 6010: The STLC Leachate for this sample contained precipitate which may have affected the re-analysis data.

Report approved by:

FOR
Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL : Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions.
ND : Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit.
NA : Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for.

Copper By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/27/99
Matrix:	Soil	Date Analyzed:	12/28/99
Analyst:	RLB	Batch Number:	6010S1419
		Method Number:	6010

	Detection Limit	Copper
Sample ID	mg/kg	mg/kg
Method Blank	2.5	ND
B9-S	2.5	45

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1419

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Copper	50	104.8	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID:15797-1

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Copper	1.632	1.569	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans; West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/16/99
Matrix:	Soil	Date Analyzed:	12/17/99
Analyst:	RLB	Batch Number:	6010S1407
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
TNF2-2-3	5.0	36
TNF2-2-5	5.0	33
TNF3-2-3	5.0	69
TNF6-2-S	5.0	98
TNF6-2-3	5.0	350
TNF6-2-5	5.0	340
TNF7-3-3	5.0	370
TNF8-2-S	5.0	150
TNF8-2-3	5.0	330
TNF8-1-S	5.0	3,300
TNF7-4-S	5.0	17
TNF7-2-S	5.0	310
TNF7-1-3	5.0	29
TNF7-1-5	5.0	130
D76-3	5.0	100
T1-2-3	5.0	460
T1-2-5	5.0	67
T1-1-S	5.0	370
D72-3	5.0	21
T2-3-5	5.0	280

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/17/99
Matrix:	Soil	Date Analyzed:	12/17-20/99
Analyst:	RLB	Batch Number:	6010S1408
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
T2-5-3	5.0	230
T2-5-5	5.0	1,000
D70-3	5.0	51
T3-1-S	5.0	18
T3-1-5	5.0	210
T3-2-3	5.0	23
T3-3-3	5.0	32
~~T3-3-4~~ T3-4-5	5.0	95
T4-5-3	5.0	120
T4-5-5	5.0	67
T4-3-5	5.0	39
T4-4-5	5.0	70
T4-2-3	5.0	75
A7-3	5.0	26
T5-5-S	5.0	410
T5-5-3	5.0	250
T5-5-5	5.0	720
T5-4-5	5.0	25
T5-3-5	5.0	45

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/20/99
Matrix:	Soil	Date Analyzed:	12/21/99
Analyst:	RLB	Batch Number:	6010S1412
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
T5-2-5	5.0	57
T5-1-3	5.0	27
T6-1-S	5.0	83
D57-3	5.0	20
T7-1A-S	5.0	74
T7-1A-3	5.0	15
T7-1A-5	5.0	8.2
D58-S	5.0	17

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 12/11/99
Date Received: 12/14/99
Job Number: 15766

Project: Caltrans: West Approach

CASE NARRATIVE

The following information applies to samples which were received on 12/14/99 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

STLC Pb re-analysis by EPA 6010: The STLC Leachate for this sample contained precipitate which may have affected the re-analysis data.

Report approved by:

FOR
Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL : Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions.
ND : Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit.
NA : Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for.

Copper By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/27/99
Matrix:	Soil	Date Analyzed:	12/28/99
Analyst:	RLB	Batch Number:	6010S1419
		Method Number:	6010

	Detection Limit	Copper
Sample ID	mg/kg	mg/kg
Method Blank	2.5	ND
B9-S	2.5	45

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1419

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Copper	50	104.8	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID:15797-1

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Copper	1.632	1.569	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans; West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/16/99
Matrix:	Soil	Date Analyzed:	12/17/99
Analyst:	RLB	Batch Number:	6010S1407
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
TNF2-2-3	5.0	36
TNF2-2-5	5.0	33
TNF3-2-3	5.0	69
TNF6-2-S	5.0	98
TNF6-2-3	5.0	350
TNF6-2-5	5.0	340
TNF7-3-3	5.0	370
TNF8-2-S	5.0	150
TNF8-2-3	5.0	330
TNF8-1-S	5.0	3,300
TNF7-4-S	5.0	17
TNF7-2-S	5.0	310
TNF7-1-3	5.0	29
TNF7-1-5	5.0	130
D76-3	5.0	100
T1-2-3	5.0	460
T1-2-5	5.0	67
T1-1-S	5.0	370
D72-3	5.0	21
T2-3-5	5.0	280

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/17/99
Matrix:	Soil	Date Analyzed:	12/17-20/99
Analyst:	RLB	Batch Number:	6010S1408
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
T2-5-3	5.0	230
T2-5-5	5.0	1,000
D70-3	5.0	51
T3-1-S	5.0	18
T3-1-5	5.0	210
T3-2-3	5.0	23
T3-3-3	5.0	32
~~T3-3-4~~ T3-4-5	5.0	95
T4-5-3	5.0	120
T4-5-5	5.0	67
T4-3-5	5.0	39
T4-4-5	5.0	70
T4-2-3	5.0	75
A7-3	5.0	26
T5-5-S	5.0	410
T5-5-3	5.0	250
T5-5-5	5.0	720
T5-4-5	5.0	25
T5-3-5	5.0	45

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/20/99
Matrix:	Soil	Date Analyzed:	12/21/99
Analyst:	RLB	Batch Number:	6010S1412
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
T5-2-5	5.0	57
T5-1-3	5.0	27
T6-1-S	5.0	83
D57-3	5.0	20
T7-1A-S	5.0	74
T7-1A-3	5.0	15
T7-1A-5	5.0	8.2
D58-S	5.0	17

Lead By ICP

Client: PSI
Project: Caltrans: West Approach
Job No.: 15766
Matrix: Soil
Analyst: RLB

Date Sampled: 12/11/99
Date Received: 12/14/99
Date Digested: 12/21/99
Date Analyzed: 12/21/99
Batch Number: 6010S1413
Method Number: 6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
D55-3	5.0	8.3
T8-2-5	5.0	100
D51-S	5.0	250
D52-S	5.0	120
T9-1-3	5.0	150
T9-1-5	5.0	620

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/22/99
Matrix:	Soil	Date Analyzed:	12/22-23/99
Analyst:	RLB	Batch Number:	6010S1416
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
T9-3-S	5.0	8.3
D46-S	5.0	97
A13-3	5.0	17
T14-2-S	5.0	110

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/23/99
Matrix:	Soil	Date Analyzed:	12/23-27/99
Analyst:	RLB	Batch Number:	6010S1417
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
TH23-1-5	5.0	260
D2-S	5.0	430
D68-3	5.0	67
TTB9-4-3	5.0	16
TTB9-3-5	5.0	2,300
TTB9-2-5	5.0	1,800
TTB10-2-1	5.0	47
TTB10-2-3	5.0	230
TTB11-2-S	5.0	200
TTB12-2-3	5.0	25
TTB13-2-S	5.0	99
TTB14-2-3	5.0	19

Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/27/99
Matrix:	Soil	Date Analyzed:	12/28/99
Analyst:	RLB	Batch Number:	6010S1419
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
TTB15-2-S	5.0	310
TTB16-3-S	5.0	31
TTBR-2-1	5.0	1,000
TTBN-1-S	5.0	62
TTBZ-1-3	5.0	130
TNF36-S	5.0	24
B9-S	5.0	13
B11-S	5.0	350
B11-2.5	5.0	380
T26-2-S	5.0	200
D37-S	5.0	11

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1407

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	109.5	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: TNF2-2-3

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.602	1.535	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1408

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	103.1	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.031	1.074	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1412

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	97.78	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: SC-1 0.025

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1269	1190	6%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1413

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	104.6	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15789-1

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	59.6	55.1	8%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1416

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	105.6	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15796-12

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	62.1	61.9	0%	20%	Pass

Analytical Notes:

MS Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1417

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery		Pass/Fail
Lead	50	88.45	75	- 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15777-3

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	0.820	0.999	20%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1419

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	98.38	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15797-1

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	62.8	61.7	2%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Mercury by Cold Vapor AA

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans; West Approach	Date Received:	12/14/99
Job No.:	15766	Date Digested:	12/15/99
Matrix:	Soil	Date Analyzed:	12/15/99
Analyst:	TLR	Batch Number:	6010S1405
		Method Number:	7471

	Detection Limit	Mercury
Sample ID	mg/L	mg/L
Method Blank	0.10	ND
TTBQ-1-5	0.10	0.36
TNF36-1-S	0.10	1.2

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1405

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Mercury	2.5	98.8	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15772-1

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Mercury	2.520	2.550	1%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

STLC Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans; West Approach	Date Received:	12/14/99
Job No.:	15756	Date Extracted:	12/17/99
Matrix:	STLC Leachate*	Date Analyzed:	12/27/99
Analyst:	RLB	Batch Number:	7420W0850
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
TNF3-2-3	2.5	ND
TNF6-2-S	2.5	ND
TNF6-2-3	2.5	22
TNF6-2-5	2.5	20
TNF7-3-3	2.5	22
TNF8-2-S	2.5	5.0
TNF8-2-3	2.5	18
TNF7-2-S	2.5	20
TNF7-1-5	2.5	35
076-3	2.5	13
T1-2-3	2.5	21
T1-2-5	2.5	7.1
T1-1-S	2.5	20
T2-3-5	2.5	22

* Sample was prepared by CAC Title 22 Method 66/00 (STLC).

STLC Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Extracted:	12/21/99
Matrix:	STLC Leachate*	Date Analyzed:	12/28/99
Analyst:	RLB	Batch Number:	6010W1422
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
T2-5-3	2.5	13
D70-3	2.5	ND
T3-1-5	2.5	18
~~T3-3-4~~ T3-4-5	2.5	2.6 *
T4-5-3	2.5	4.2
T4-5-5	2.5	5.2
T4-4-5	2.5	ND
T4-2-3	2.5	ND
T5-5-S	2.5	20
T5-5-3	2.5	22
T5-5-5	2.5	28

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

STLC Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Extracted:	12/27/00
Matrix:	STLC Leachate*	Date Analyzed:	01/18/00
Analyst:	RLB	Batch Number:	6010W1447
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
T5-2-S	2.5	7.1
T6-1-S	2.5	ND
T7-1A-S	2.5	3.1
T8-2-S	2.5	6.2
D51-S	2.5	190
D52-S	2.5	10
T9-1-3	2.5	4.3
T9-1-5	2.5	26
D46-S	2.5	4.3
T14-2-S	2.5	5.0

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

STLC Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Extracted:	01/12/00
Matrix:	STLC Leachate*	Date Analyzed:	01/17/00
Analyst:	RLB	Batch Number:	6010W1444
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
TH23-1-5	2.5	17
D2-S	2.5	20
D68-3	2.5	4.7
TTB10-2-3	2.5	6.2
TTB11-2-S	2.5	22
TTB13-2-S	2.5	3.9
TTB15-2-S	2.5	20
TTBR-2-1	2.5	55
TTBN-1-S	2.5	30
TTBZ-1-3	2.5	14
B11-S	2.5	25
B11-2.5	2.5	23
T26-2-S	2.5	11

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

QC Sample Report - Metals

Matrix: Water
Batch #: 7420W0850

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	102	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.020	1.077	5%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1422

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	95.74	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	0.957	1.087	13%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1444

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	103.4	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.034	1.075	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1447

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery		Pass/Fail
Lead	50	108.3	75	- 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.083	1.055	3%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

TCLP Lead By ICP

Client: PSI
Project: Caltrans; West Approach
Job No.: 15766
Matrix: TCLP Leachate*
Analyst: RLB

Date Sampled: 12/11/99
Date Received: 12/14/99
Date Extracted: 01/13/00
Date Analyzed: 01/17-18/00
Batch Number: 6010W1440
Method Number: 6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.50	ND
TNF6-2-3	0.50	ND
TNF6-2-5	0.50	ND
TNF7-3-3	0.50	ND
TNF8-2-S	0.50	ND
TNF8-2-3	0.50	ND
TNF8-1-S	0.50	**15**
TNF7-2-S	0.50	**2.2**
TNF7-1-5	0.50	**0.98**
D76-3	0.50	ND
T1-2-3	0.50	**0.98**
T1-2-5	0.50	ND
T1-1-S	0.50	ND
T2-3-5	0.50	ND
T3-1-S	0.50	ND

* Sample was prepared by SW-846 Method 1311 (TCLP).

TCLP Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Extracted:	01/14/00
Matrix:	TCLP Leachate*	Date Analyzed:	01/18/00
Analyst:	RLB	Batch Number:	6010W1442
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.50	ND
T2-5-3	0.50	ND
T2-5-5	0.50	**1.3**
T4-5-5	0.50	ND
T5-5-S	0.50	**2.5**
T5-5-3	0.50	ND
T5-5-5	0.50	**1.1**

* Sample was prepared by SW-846 Method 1311 (TCLP).

TCLP Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Extracted:	01/19/00
Matrix:	TCLP Leachate*	Date Analyzed:	01/20/00
Analyst:	RLB	Batch Number:	6010W1448
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.50	ND
TH23-1-5	0.50	0.89
D2-S	0.50	ND
TTB9-3-5	0.50	24
TTB9-2-5	0.50	82
TTB10-2-3	0.50	0.81
TTB11-2-S	0.50	1.5
TTB13-2-S	0.50	ND
TTB15-2-S	0.50	1.3
TTBR-2-1	0.50	2.5

* Sample was prepared by SW-846 Method 1311 (TCLP)

TCLP Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Extracted:	01/20/00
Matrix:	TCLP Leachate*	Date Analyzed:	01/21/00
Analyst:	RLB	Batch Number:	6010W1451
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.50	ND
T5-2-5	0.50	ND
T8-2-5	0.50	ND
D51-S	0.50	ND
D52-S	0.50	ND
T9-1-5	0.50	ND
T14-2-S	0.50	ND
TTBN-1-S	0.50	4.2
TTBZ-1-3	0.50	ND
B11-S	0.50	0.55
B11-2.5	0.50	0.87
T26-2-S	0.50	ND

* Sample was prepared by SW-846 Method 1311 (TCLP).

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1440

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	106.1	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.061	1.069	1%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1442

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	112.9	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.129	1.086	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1448

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	113.5	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15886-1

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	0.961	1.032	7%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1451

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	111.1	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.111	1.063	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

STLC Lead Re-analysis by ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15766	Date Extracted:	12/17/99
Matrix:	STLC Leachate*	Date Analyzed:	01/19/00
Analyst:	RLB	Batch Number:	6010W1449
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
TNF7-1-5 **	2.5	**14****
D76-3	2.5	**12**
T1-2-5	2.5	**6.9**

* Sample was prepared by CAC Title 22 Method 66700 (STLC)

**See Case Narrative regarding the re-analysis of this sample

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1449

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	104.7	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.047	1.072	2%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

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Chain of Custody Record

Centrum Job # 2-16

Page 1 of 8

Project No: 575-8001 G

Project Name: Caltrans: West Approach

Project Manager: Frank Foss

Phone: 510-785-1111

Fax: 510-785-1192

Client Name (Company): PSI

Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GC/MS: 8260 8240 8010 624	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb	STLC EXT
1	TNF2-2-3	12/4/99	7:30	S	Map BL-1	Tube Acc								X					
2	TNF2-2-5		7:35											X					
3	TNF3-2-3		7:38											X			X		
4	TNF6-2-5		7:45											X			X		
5	TNF6-2-3		7:46											X			X	X	
6	TNF6-2-5		7:48											X			X	X	
7	TNF7-3-3		7:52											X			X	X	
8	TNF8-2-5		7:59											X			X	X	
9	TNF8-2-3		8:01											X			X	X	
10	TNF8-1-5		8:04											X			X	X	STLC EXT ONLY

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

Remarks/ Special Instructions

Relinquished by (Sampler's Signature): Date 12/1/99 Time 16:00

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received for Laboratory by: Judy Butts Date: 12/1/99 Time: 9:40

To be completed by laboratory personnel:
- Samples chilled? ☒ Yes ☐ No
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried ☒ Airborne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Sample Locator No.: E-1

Your delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

Laboratory Notes: Homogenize

White Copy - Original (Accompanies Samples)

Yellow Copy - Centrum Files

Pink Copy - Client Copy

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Centrum Job # 15466

Chain of Custody Record

Project No: 575-86001
Project Name: Caltrans West Approach
Project Manager: Mark Ross
Phone: 510-785-1111
Fax: 510-785-1192
Client Name (Company): PSI
Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 5242	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb	STLC Pb etc	Remarks/ Special Instructions
11	TNF7-4-5	12/1/99	8:10	S	Map BL-1	6oz Jar Tube								X						
12	TNF7-2-5		8:15											X			X	X		
13	TNF7-1-3		8:20											X						
14	TNF7-1-5		8:25											X			X	X	X	
15	D76-3		9:30											X			X	X	X	
16	T1-2-3		9:40											X			X	X		
17	T1-2-5		8:42											X			X	X	X	
18	T1-1-5		8:46											X			X	X		
19	D72-3		8:50											X						
20	T2-3-5		9:00											X			X	X		

Relinquished by: (Sampler) Signature
Date: 12/3/99 Time: 16:00

Received by:

Relinquished by:

Received by

Relinquished by:

Received for Laboratory by: Jim Batty
Date: 12/4/99 Time: 9:40

Date / Time

To be completed by laboratory personnel:
Samples chilled? ☐ Yes ☐ No
Custody seals? ☐ Yes ☑ No
All sample containers intact? ☑ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried ☑ Airborne

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

Laboratory Notes: Homoquize

Turn-around time
☐ 24 Hr. RUSH*
☐ 48 Hr. RUSH*
☑ Normal TAT
*Requires prior approval additional charges apply

Sample Disposal
☐ Client will pick up
☐ Return to client
☐ Lab disposal fee $5

Sample Locator No.

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

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Centrum Job # 75466

Chain of Custody Record

Project No: 575-86001
Project Name: Caltrans: West Approach
Project Manager: Erika Ross
Phone: 510-785-1111 Fax: 510-785-1192
Client Name (Company): PSI
Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 8242	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb	STLC EXT	Remarks/ Special Instructions
21	T2-5-3	12/4/98	9:20	S	Map BL-1	5 Brass Tube								X			X	X		
22	T2-5-5		9:15											X		TB	X	X	X	STLC Pb only
23	D70-3		9:16											X			X			
24	T3-1-5		9:18											X			X	X		
25	T3-1-5		9:20											X			X	TCLP Pb		
26	T3-2-3		9:22											X						
27	T3-3-3		9:24											X						
28	T3-3-4		9:26											X			X			
29	T4-5-3		9:25		Map BL-2									X			X			
30	T4-5-5		9:30		Map BL-2									X			X	X		

Relinquished by (Sampler's Signature): Date 12/4/98 Time 16:00
Received by: Date Time
Relinquished by: Date Time
Received by: Date Time
Relinquished by: Date Time
Received for Laboratory by: Date 12/4/98 Time 9:40

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
Samples chilled? ☒ Yes ☐ No
Custody seals? ☐ Yes ☒ No
All sample containers intact? ☒ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried
Airborne

Turn-around time
☐ 24 Hr. RUSH*
☐ 48 Hr. RUSH*
☒ Normal TAT
* Requires prior approval, additional charges apply

Sample Disposal
☐ Client will pick up
☐ Return to client
☐ Lab disposal fee $5

Laboratory Notes: Homogenize

Sample Locator No.: E-1

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Chain of Custody Record

Centrum Job # 15766

Project No	Project Name:		
575-860001	Caltrans : West Approach		
Project Manager: Frank Poss	Phone: 510-785-1111	Fax: 510-785-1192	
Client Name: (Company) PSI	Address: Hayward		

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 8242	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb		Remarks/ Special Instructions
31	T4-3-5	9:34	12/4/44	S	Map BL-2	Acetate								X			STLC Pb	TCLP Pb		
32	T4-4-5	9:36				TUBE								X			X			
33	T4-2-3	9:40												X			X			
34	T7-3	9:50												X						
35	T5-5-5	9:55												X			X	X		
36	T5-5-3	10:02												X			X	X		
37	T5-5-5	10:04												X			X	X		
38	T5-4-5	10:08												X						
39	T5-3-5	10:10												X						
40	T5-2-5	10:15												X			X	X		

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☐ Normal TAT

* Requires prior approval additional charges apply

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by	Date	Time
	12/13/44	16:00			
Received by	Date	Time	Received by	Date	Time
			Relinquished by:	Date	Time
			Received by Laboratory by: Jon Batty	12/14/44	9:40

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
- Samples chilled? ☑ Yes ☐ No
- Custody seals? ☐ Yes ☑ No
- All sample containers intact? ☑ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried Airborne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes: Homogenize

Sample Locator No. E-1

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Centrum Job # 13760

Chain of Custody Record

Project No: S75-8G001
Project Name: Caltrans: West Approach
Project Manager: Frank Ross
Phone: 510-785-1111
Fax: 510-785-1192
Client Name (Company): PSI
Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GC/MS 8260 8240 8010 524.2	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb	
41	T5-1-3	12/4/99	10:18	S	Map BL-2	Acetate Tube								X					
42	T6-1-5		10:20											X			X		
43	DS7-3		10:24											X			X		
44	T7-1A-5		10:28											X					
45	T7-1A-3		10:30											X					
46	T7-1A-5		10:32											X					
47	DS6-5		10:35											X					
48	DS5-3		10:40											X					
49	T8-2-5		10:45											X			X	X	
50	DS1-5		10:48											X			X	X	

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT
* Requires prior approval, additional charges apply

Remarks/ Special Instructions

	Date	Time
Relinquished by: (Sampler's Signature)	12/13/99	16:00
Received by		
Relinquished by:		
Received by:		
Relinquished by:		
Received for Laboratory by:	12/14/99	9:40

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
- Samples chilled? ☑ Yes ☐ No
- Custody seals? ☐ Yes ☑ No
- All sample containers intact? ☑ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried Airborne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes: Monoganite

Sample Locator No: E-1

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Chain of Custody Record

Centrum Job # 15766

Page 6 of 8

Project No: S75-86001

Project Name: Caltrans: West Approach

Project Manager: Frank Ross

Phone: 510-785-1611

Fax: 510-785-1692

Client Name (Company): PSI

Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 524.2	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb	Remarks/ Special Instructions
51	D52-5	12/11/96	10:54	S	Map BL-2	Acetate Sleeve								X			X	X	
52	T9-1-3		10:56											X			X		
53	T9-1-5		10:59											X			X	X	
54	T9-3-5		11:03											X					
55	D46-5		11:06											X			X		
56	A13-3		11:10											X					
57	T14-2-5		11:12		↓									X			X	X	
58	TH23-1-5		11:28		Map BL-3									X			X	X	
59	D2-5		11:32		Map BL-3									X			X	X	
60	D68-3	↓	9:20	↓	Map BL-1	↓								X			X		

Relinquished by (Sampler's Signature): Date 12/13/96 Time 16:00

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received for laboratory by: Date 12/14/96 Time 9:40

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:

Samples chilled? ☑ Yes ☐ No

Custody seals? ☐ Yes ☑ No

All sample containers intact? ☑ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☐ Hand carried Airborne

Turn-around time

☐ 24 Hr. RUSH*

☐ 48 Hr. RUSH*

☒ Normal TAT

* Requires prior approval, additional charges apply

Sample Disposal

☐ Client will pick up

☐ Return to client

☐ Lab disposal fee $5

Laboratory Notes: Homogenize

Sample Locator No.: E-1

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

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Chain of Custody Record

Centrum Job # 15766

Page 7 of 8

Project No: 575-86001

Project Name: Caltrans: West Approach

Project Manager: Frank Ross

Phone: 510-785-1111

Fax: 510-785-1192

Client Name (Company): PSI

Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 524.2	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb	
61	TTB9-4-3	12/4/00	13:15	S	Map TTL-2	Acetate								X					
62	TTB9-3-5		13:18											X				X	
63	TTB9-2-5		13:23											X				X	
64	TTB10-2-1		13:28											X					
65	TTB10-2-3		13:33											X			X	X	
66	TTB11-2-5		13:38											X			X	X	
67	TTB12-2-3		13:43											X					
68	TTB13-2-5		13:48											X			X	X	
69	TTB14-2-3		13:53											X					
70	TTB15-2-5		13:58											X			X	X	

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

Remarks/ Special Instructions

	Date	Time
Relinquished by: (Sampler's Signature)	12/13/00	16:00
Received by		
Relinquished by		
Received by		
Relinquished by		
Received for Laboratory by:	12/14/00	9:40

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
- Samples chilled? ☒ Yes ☐ No
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

Airborne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes: Homogenize

Sample Locator No.: E-1

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

Centrum Job # 15 1164

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Chain of Custody Record

Page 8 of 8

Project No.: 575-86001

Project Name: Caltrans: West Hayward

Project Manager: Mak Toss

Phone: 510-785-1111

Fax: 510-785-1192

Client Name (Company): PSI

Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 5242	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	HPC: (TPH/P) TCLP Pb	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	Mercury	Copper Pb	STLC Pb
71	TTB16-3-5	11/19/99	14:03	S	Map TTL-2	Plastic Sleeve								X					
72	TTBR-2-1		14:08		Map TTL-3						X			X					X
73	TTBQ-1-5		14:13														X		
74	TTBN-1-5		14:18								X			X					X
75	TTBZ-1-3		14:20								X			X					X
76	TNF36-1-5		14:28		Map BL-4	35 Ring											X		
77	TNF38-5		15:00											X					
78	B9-5		15:10											X				X	
79	B14-5		15:20								X			X					X
80	B11-2.5		15:30								X			X					X

Relinquished by: (Sampler's Signature) — Date: 11/19/99 — Time: 16:00

Received by — Date — Time

Relinquished by: — Date — Time

Received by: — Date — Time

Relinquished by: — Date — Time

Received for Laboratory by: — Date: 11/20/99 — Time: 9:40

This delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:

Samples chilled? ☑ Yes ☐ No

Custody seals? ☐ Yes ☑ No

All sample containers intact? ☑ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

Airborne

Turn-around time

- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☑ Normal TAT

* Requires prior approval, additional charges apply

Remarks/ Special Instructions

Sample Disposal

- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Sample Locator No: ET

Laboratory Notes:

Homogenize

White Copy - Original (Accompanies Samples) — Yellow Copy - Centrum Files — Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
REDLANDS, CA 92373
www.centrum-labs.com

(909) 798-9336 ● (800) 798-9336
FAX (909) 793-1559
lab@centrum-labs.com

Centrum Job # 15766

Chain of Custody Record

Page 9 of 9

Project No: 575.RG001

Project Name: Caltrans: West Approach

Project Manager: Frank Poss

Phone: 510-785-1111 Fax: 510-785-1192

Client Name* (Report and Billing): PSI

Address: (Report and Billing) Hayward

Please Circle Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	8015M: Diesel, Fuel Screen, Carbon Chain	8015M: Gas only	8021B: BTEX/MtBE Only	418.1 (TRPH), 413.2		GCMS: 8260B, 8021B, 624, 524.2	GCMS: MtBE Conf. Only	GCMS: 8270C, 625	8080: Pesticides, PCBs, Pest/PCB	Lead	Metals: Title 22 (CAM), RCRA, PP	pH, TDS, TSS, Conductivity	Flashpoint, Hex Cr	STLC Pb	TCLP Pb
#1	T26-2-S	12/10		Soil		1 S.S. Tube										X				X	X
#2	D37-S	12/11		Soil		↓										X					

Turn-Around Time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ ~~Normal~~ TAT

*Requires PRIOR approval, additional charges apply

Requested due date: ____

Remarks/Special Instructions: Samples added per Frank Poss 12/17/99

	Date:	Time:
1) Relinquished by: (Sampler's Signature)		
2) Received by:		
3) Relinquished by:		
4) Received by:		
5) Relinquished by:		
6) Received for Laboratory by:	12/14/99	9:40

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by Laboratory personnel:
- Samples chilled? ☒ Yes ☐ No ☐ From Field
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried ☒ Airborne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal

Laboratory Notes:

Sample Locator No.: E-1

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Centrum duplicate Gold Copy - Client Copy

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 12/11/99
Date Received: 12/14/99
Job Number: 15768

Project: West Approach

CASE NARRATIVE

The following information applies to samples which were received on 12/14/99 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

STLC Pb re-analysis by EPA 6010: The STLC Leachate for this sample contained precipitate which may have affected the re-analysis data.

Report approved by:

FOR

Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL : Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions
ND : Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit.
NA : Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for

Lead By ICP

Client: PSI
Project: West Approach
Job No.: 15768
Matrix: Soil
Analyst: RLB

Date Sampled: 12/11/99
Date Received: 12/14/99
Date Digested: 12/15-17/99
Date Analyzed: 12/15-20/99
Batch Number: 6010S1405
6010S1408
Method Number: 6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
DTB52-1-3.0	5.0	120
DTB50-1-3.0	5.0	310
DTB50-2-3.0	5.0	640
DTB49-1-3.0	5.0	2,000
DTB53-1-3.0	5.0	400
DTB-45-1-3.0	5.0	310
DTB-55-2-3.0	5.0	36
DTB53-2-3.0	5.0	3,000
TF36-1-0.0	5.0	370
B14-1.0	5.0	37
B10-0.0	5.0	140
B10-3.0	5.0	440
B10-6.0	5.0	360

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1405

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	96.68	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15772-1

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	54.4	55.7	2%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 601051408

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	103.1	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.031	1.074	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Mercury by Cold Vapor AA

Client:	PSI	Date Sampled:	12/11/99
Project:	West Approach	Date Received:	12/14/99
Job No.:	15768	Date Digested:	12/15/99
Matrix:	Soil	Date Analyzed:	12/15/99
Analyst:	TLR	Batch Number:	6010S1405
		Method Number:	7471

	Detection Limit	Mercury
Sample ID	mg/L	mg/L
Method Blank	0.10	ND
DTB59-1-2.0	0.10	0.66

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1405

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Mercury	2.5	98.8	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15772-1

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Mercury	2.520	2.550	1%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

STLC Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	West Approach	Date Received:	12/14/99
Job No.:	15768	Date Extracted:	12/19-21/99
Matrix:	STLC Leachate*	Date Analyzed:	12/22-28/99
Analyst:	RLB	Batch Number:	7420W0851
			6010W1422
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
DTB52-1-3.0	2.5	ND
DTB50-1-3.0	2.5	**16**
DTB50-2-3.0	2.5	**71**
DTB53-1-3.0	2.5	**38**
DTB45-1-3.0	2.5	ND
TF36-1-0.0	2.5	**19**
B10-0.0	2.5	**15**
B10-3.0	2.5	**21**
B10-6.0	2.5	**14**

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

QC Sample Report - Metals

Matrix: Water
Batch #: 7420W0851

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	102.6	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.026	1.021	0%	20%	Pass

Analytical Notes:

MS Matrix Spike Sample
MSD Matrix Spike Duplicate

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QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1422

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	95.74	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.0	1.1	13%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

TCLP Lead By ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	West Approach	Date Received:	12/14/99
Job No.:	15768	Date Extracted:	01/03/00
Matrix:	TCLP Leachate*	Date Analyzed:	01/06/00
Analyst:	RVJ	Batch Number:	6010W1428
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.50	ND
DTB50-1-3.0	0.50	0.80
DTB50-2-3.0	0.50	1.3
DTB49-1-3.0	0.50	29
DTB53-1-3.0	0.50	6.2
DTB53-2-3.0	0.50	4.9
TF36-1-0.0	0.50	1.7
B10-0.0	0.50	1.5
B10-3.0	0.50	0.53
B10-6.0	0.50	2.6

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1428

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	110.4	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15797-1

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.061	0.990	7%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

STLC Lead Re-analysis by ICP

Client:	PSI	Date Sampled:	12/11/99
Project:	West Approach	Date Received:	12/14/99
Job No.:	15768	Date Extracted:	12/19-21/99
Matrix:	STLC Leachate*	Date Analyzed:	01/19/00
Analyst:	RLB	Batch Number:	6010W1449
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
DTB50-2-3.0 **	2.5	37**
B10-0.0	2.5	14

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

**See Case Narrative regarding the re-analysis of this sample.

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1449

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	104.7	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.047	1.072	2%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

The Right Chemistry. The Right Solution®

The chain-of-custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

489660

Page: 1 of 2

To Be Completed by Pace Analytical and Client

Required Client Information: **Section A**

Company: PSI

Address: 1520 W. WINTON AVE
HAYWARD, CA 94545

Phone: 510 785-1111 Fax: 510 785 1192

Required Client Information: **Section B**

Report To: FRANK POSS

Invoice To: SAME

P.O.: 575-86001

Project Name: WEST APPROACH

Project Number: 86001

Client Information (Check quote/contract):

Requested Due Date: TAT: NORMAL 5 DAY

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) is calender days.

Section C

Quote Reference:

Project Manager:

Project #:

Profile #:

Requested Analysis:

Section D Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (mm / dd / yy)	TIME COLLECTED (mm:hh a/p)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Pb TOTAL	Hg TOTAL	STLC Pb	TCLP Pb	TCLP Pb 20 mg/L	TCLP Pb 5 mg/L	Remarks / Lab ID
1	DTBS9-1-2.0	SL	12/11/99	0807								X						
2	DTBS2-1-3.0			0931								X	X	X				
3	DTBS0-1-3.0			0854								X	X	X	X			
4	DTBS0-2-3.6			0920								X	X	X	X			
5	DTBH9-1-3.0			0943								X	X	X	X			DUP OF 1 NOT NEEDED
6	DTBS3-1-3.0			1006								X	X		X			TPH Bot EXT * only
7	DTBH5-1-3.0			1053								X		X				
8	DTBS5-2-3.0			1135								X						
9	DTBS3-2-3.0			1152								X	X		X			DUP OF 10 NOT NEEDED
10	TF36-1-0.0			1356								X	X		X			TPH Bot* EXT only
11	BLH-1.0			1511								X						
12	BLO-0.0			1530								X	X		X			

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				CHRIS MERRITT / PSI	12/13/99	1700	[illegible] / LANCASTER	12/14/99	9:40
Received on ICE:	(Y) / N								
Sealed Cooler:	Y / (N)								
Samples Intact:	(Y) / N								

Additional Comments: HOMOGENIZE PRIOR TO ANALYSIS

Archive after extraction.

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: CHRIS MERRITT

SIGNATURE of SAMPLER: CHRIS MERRITT

DATE Signed: (MM / DD / YY) 12/13/99

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc. Form COC01.XLS 08/98

ARTIFACTS Chilled + INTACT

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

15760

489661

Page: 2 of 2

Required Client Information: Section A	Required Client Information: Section B	To Be Completed by Pace Analytical and Client: Section C
Company: PSI	Report To: FRANK POSS	Quote Reference:
Address: 1320 W. WINTON AVE HAYWARD, CA 94545	Invoice To: SAME	Project Manager:
	P.O.: 575-8G001	Project #:
	Project Name: WEST APPROACH	Profile #:
Phone: 510 785-1111 Fax: 510 785-1192	Project Number: 8G001	Requested Analysis:

Client Information (Check quote/contract):
Requested Due Date: TAT: NORMAL 5 DAY

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge

Turn Around Time (TAT) in calender days.

Section D Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (mm / dd / yy)	TIME COLLECTED (mm : hh a/p)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	TOTAL Pb	SOLUBLE Pb	TCLP Pb	Remarks / Lab ID
1	B10-5.0	SL	12/9/99	1538	1							X	X	X	
2	B10-6.0	SL	↓	1548	1							X	X	X	
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:				CHRIS MERRITT / PSI	12/13/99	1700	/ CENTRUM	12/14/99	9:40
Received on ICE:	(Y) / N								
Sealed Cooler:	Y / (N)								
Samples Intact:	(Y) / N								

Additional Comments: HOMOGENIZE
RUN B10-6.0 ~~FOR~~ FOR Hg IF Pb IS AT NON HAZARDOUS LEVELS.

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed: (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

chilled upon arrival

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 12/18/99
Date Received: 12/21/99
Job Number: 15797

Project: Caltrans: W. Approach

CASE NARRATIVE

The following information applies to samples which were received on 12/21/99 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

Report approved by:

Roberto Vargas, Jr.
FOR

Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL : Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions.
ND : Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit
NA Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for

Lead By ICP

Client:	PSI	Date Sampled:	12/18/99
Project:	Caltrans: W. Approach	Date Received:	12/21/99
Job No.:	15797	Date Digested:	12/27/99
Matrix:	Soil	Date Analyzed:	12/27-28/99
Analyst:	RLB	Batch Number:	6010S1419
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
T4-2-0.0	5.0	12
D60-3.0	5.0	9.5
TNF-3-1-0.0	5.0	13
TNF-2-1-0.0	5.0	2,300
TF35-1-0.0	5.0	ND
TF34-1-5.0	5.0	11
TF31-1-0.0	5.0	5.6
TF30-1-0.0	5.0	11
TF30-1-3	5.0	210

Lead By ICP

Client:	PSI	Date Sampled:	12/18/99
Project:	Caltrans: W. Approach	Date Received:	12/21/99
Job No.:	15797	Date Digested:	12/28/99
Matrix:	Soil	Date Analyzed:	12/29/99
Analyst:	RLB	Batch Number:	6010S1420
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
TF29-1-0.0	5.0	24
TF28-1-3.0	5.0	100
D28-0.0	5.0	230
D27-0.0	5.0	410
T4-3-3.0	5.0	25

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1419

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	98.38	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: T4-2-0.0

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	62.8	61.7	2%	20%	Pass

Analytical Notes

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1420

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery		Pass/Fail
Lead	50	106.2	75	125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15808-42

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.119	1.187	6%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Copper By ICP

Client:	PSI	Date Sampled:	12/16/99
Project:	Caltrans: W. Approach	Date Received:	12/21/99
Job No.:	15797	Date Digested:	12/27/99
Matrix:	Soil	Date Analyzed:	12/27-28/99
Analyst:	RLB	Batch Number:	6010S1419
		Method Number:	6010

	Detection Limit	Copper
Sample ID	mg/kg	mg/kg
Method Blank	2.5	ND
TF31-1-0.0	2.5	18

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1419

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Copper	50	104.8	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: T4-2-0.0

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Copper	1,632	1,569	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

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(800) 798-9336

STLC Lead By ICP

Client:	PSI	Date Sampled:	12/18/99
Project:	Caltrans: W. Approach	Date Received:	12/21/99
Job No.:	15797	Date Extracted:	01/03/00
Matrix:	STLC Leachate*	Date Analyzed:	01/06/00
Analyst:	RVJ	Batch Number:	6010W1429
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
TF30-1-3	2.5	13
TF28-1-3.0	2.5	23
D28-0.0	2.5	12
D27-0.0	2.5	23

* Sample was prepared by CAC Title 22 Method 66700 (STLC)

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1429

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	108.6	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.086	1.042	4%	20%	Pass

Analytical Notes:

MS Matrix Spike Sample
MSD Matrix Spike Duplicate

TCLP Lead By ICP

Client:	PSI	Date Sampled:	12/18/99
Project:	Caltrans: W. Approach	Date Received:	12/21/99
Job No.:	15797	Date Extracted:	01/04-10/00
Matrix:	TCLP Leachate*	Date Analyzed:	01/06-13/00
Analyst:	RVJ/RLB	Batch Number:	6010W1428
			6010W1432
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.50	ND
TNF-2-1-0.0	0.50	4.3
TF30-1-3	0.50	ND
TF28-1-3.0	0.50	ND
D28-0.0	0.50	ND
D27-0.0	0.50	ND

* Sample was prepared by SW-846 Method 1311 (TCLP)

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1428

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	110.4	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15797-1

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.061	0.990	7%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

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QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1432

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	106.3	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15844-16

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.058	1.012	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

15797

Centrum Analytical Laboratories, Inc.

Centrum Job #

290 TENNESSEE STREET
REDLANDS, CA 92373
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FAX (909) 793-1559
lab@centrum-labs.com

Chain of Custody Record

Project No: 2G001

Project Name: CALTRANS - W. APPROACH

Project Manager: FRANK POSS

Phone: 510-785-1111 Fax: 510-785-1192

Client Name: (Report and Billing) PSI

Address: (Report and Billing) 1320 West Winton Ave Hayward, CA 94545

Please Circle Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	8015M: Diesel, Fuel Screen, Carbon Chain	8015M: Gas only	8021B: BTEX/MtBE Only	418.1 (TRPH), 413.2	GCMS: 8260B, 8021B, 624, 524.2	GCMS: MtBE Conf. Only	GCMS: 8270C, 625	8080: Pesticides, PCBs, Pest/PCB	TCLP Pb	Metals: Title 22 (CAM), RCRA, PP	pH, TDS, TSS, Conductivity	Flashpoint, Hex Cr	Lead
1	T42-0.0	12/18	12:10	Soil		1SSS													X
2	D60-3.0	12/18	12:30	Soil		1SSS													X
3	TNF-3-1-0.0	12/18	12:56	Soil		1SSS													X
4	TNF-2-1-0.0	12/18	1:00	Soil		1SSS									⊗				X

Turn-Around Time

- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☐ Normal TAT

*Requires PRIOR approval, additional charges apply

Requested due date: _____

Remarks/Special Instructions

1) Relinquished by: (Sampler's Signature) CHRIS MERRITT — Date: 12/20 Time: 17:00

2) Received by: — Date: Time:

3) Relinquished by: — Date: Time:

4) Received by: — Date: Time:

5) Relinquished by: — Date: Time:

6) Received for Laboratory by: — Date: 12/21 Time: 9:45

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by Laboratory personnel:

Samples chilled? ☒ Yes ☐ No ☐ From Field

Custody seals? ☐ Yes ☒ No

All sample containers intact? ☒ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

Sample Disposal

- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal

Laboratory Notes:

Sample Locator No.

F-1

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Centrum duplicate Gold Copy - Client Copy

Centrum Analytical Laboratories, Inc.

15797

Centrum Job #

290 TENNESSEE STREET
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Chain of Custody Record

Page 2 of 2

Project No: 8G001

Project Name: Caltrans - W. Approach

Project Manager: Fred Ross

Phone: 510-785-1111 Fax: 510-785-1192

Client Name: (Report and Billing) PST

Address: (Report and Billing) Hayward

Please Circle Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	8015M: Diesel, Fuel Screen, Carbon Chain	8015M: Gas only	8021B: BTEX/MtBE Only	418.1 (TRPH), 413.2	Copper (Cu), Fax	GCMS: 8240B, 8021B, 624, 524.2	GCMS: MtBE Conf. Only	GCMS: 8270C, 625	8080: Pesticides, PCBs, Pest/PCB	TCLP Pb	Metals: Title 22 (CAM), RCRA, PP	pH, TDS, TSS, Conductivity	Flashpoint, Hexcr	Lead (Pb)	Sol Pb
5	TF35-1-0.0	12/18	7:58	Soil		1 SS6														X	
6	TF34-1-5.0	12/18	8:25	Soil		1 SS5														X	
7	TF31-1-0.0	12/18	8:50	Soil		1 SS5					X									X	
8	TF30-1-0.0	12/18	9:09	Soil		1 SS5														X	
9	TF30-1-5	12/18	9:25	Soil		1 SS5										X				X	X
10	TF29-1-0.0	12/18	9:44	Soil		1 SS5														X	
11	TF28-1-3.0	12/18	10:12	Soil		1 SS5										X				X	X
12	D28-0.0	12/18	10:28	Soil		1 SS5										X				X	X
13	D27-0.0	12/18	10:31	Soil		1 SS5										X				X	X
14	T4-2-8.0	12/18	12:00	Soil		1 SS5														X	

1) Relinquished by: (Sampler's Signature) CHRIS MERRITT — Date: 12/20 Time: 17:00

2) Received by: Date: Time:

3) Relinquished by: Date: Time:

4) Received by: Date: Time:

5) Relinquished by: Date: Time:

6) Received for Laboratory by: Date: 12/4 Time: 9:45

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

Laboratory Notes:

To be completed by Laboratory personnel:

Samples chilled? ☑ Yes ☐ No ☐ From Field

Custody seals? ☐ Yes ☑ No

All sample containers intact? ☑ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

Airborne

Turn-Around Time

- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☐ Normal TAT

*Requires PRIOR approval, additional charges apply

Requested due date: _____

Remarks/Special Instructions

Sample Disposal

- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal

Sample Locator No.

F-1

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Centrum duplicate Gold Copy - Client Copy

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 12/10/99
Date Received: 12/14/99
Job Number: 15767

Project: Caltrans: West Approach

CASE NARRATIVE

The following information applies to samples which were received on 12/14/99 :

The samples were received at the laboratory chilled, all sample containers and custody seals were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

Report approved by:

FOR
Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL Detection Limit – The lowest level at which the compound can reliably be detected under normal laboratory conditions.
ND : Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit
NA Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for.

Lead By ICP

Client:	PSI	Date Sampled:	12/10/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15767	Date Digested:	12/14/99
Matrix:	Soil	Date Analyzed:	12/14-15/99
Analyst:	RLB	Batch Number:	6010S1404
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
L4-2	5.0	ND
T23-2-S	5.0	200
T23-2-1	5.0	45
D20-S	5.0	73
D15-S	5.0	190
B3-S	5.0	120
B4-S	5.0	170
B5-S	5.0	110
T22-1-3	5.0	200
D24-3	5.0	160
T23-1-S	5.0	230
T23-1-2	5.0	53

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1404

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	116.4	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15769-1

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	153.8	164.1	6%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

STLC Lead By ICP

Client:	PSI	Date Sampled:	12/10/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15767	Date Extracted:	12/15/99
Matrix:	STLC Leachate*	Date Analyzed:	12/17/99
Analyst:	RLB	Batch Number:	6010W1409
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
T23-2-S	2.5	11
D20-S	2.5	4.8
D15-S	2.5	11
B3-S	2.5	6.8
B4-S	2.5	10
B5-S	2.5	6.3
T22-1-3	2.5	16
D24-3	2.5	3.1
T23-1-S	2.5	12
T23-1-2	2.5	4.4

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1409

Batch Accuracy Results

Sample ID:Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	108.8	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.088	1.093	0%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1428

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	110.4	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15797-1

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.061	0.990	7%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1428

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	110.4	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15797-1

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.061	0.990	7%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

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QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1432

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	106.3	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15844-16

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.058	1.012	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 12/10/99
Date Received: 12/14/99
Job Number: 15767

Project: Caltrans: West Approach

CASE NARRATIVE

The following information applies to samples which were received on 12/14/99 :

The samples were received at the laboratory chilled, all sample containers and custody seals were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

Report approved by:

FOR
Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL Detection Limit – The lowest level at which the compound can reliably be detected under normal laboratory conditions.
ND : Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit
NA Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for.

Lead By ICP

Client:	PSI	Date Sampled:	12/10/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15767	Date Digested:	12/14/99
Matrix:	Soil	Date Analyzed:	12/14-15/99
Analyst:	RLB	Batch Number:	6010S1404
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
L4-2	5.0	ND
T23-2-S	5.0	200
T23-2-1	5.0	45
D20-S	5.0	73
D15-S	5.0	190
B3-S	5.0	120
B4-S	5.0	170
B5-S	5.0	110
T22-1-3	5.0	200
D24-3	5.0	160
T23-1-S	5.0	230
T23-1-2	5.0	53

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1404

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	116.4	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15769-1

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	153.8	164.1	6%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

STLC Lead By ICP

Client:	PSI	Date Sampled:	12/10/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15767	Date Extracted:	12/15/99
Matrix:	STLC Leachate*	Date Analyzed:	12/17/99
Analyst:	RLB	Batch Number:	6010W1409
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
T23-2-S	2.5	11
D20-S	2.5	4.8
D15-S	2.5	11
B3-S	2.5	6.8
B4-S	2.5	10
B5-S	2.5	6.3
T22-1-3	2.5	16
D24-3	2.5	3.1
T23-1-S	2.5	12
T23-1-2	2.5	4.4

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1409

Batch Accuracy Results

Sample ID:Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	108.8	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.088	1.093	0%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1428

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	110.4	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15797-1

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.061	0.990	7%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

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QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1432

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	106.3	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15844-16

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.058	1.012	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Centrum
(800) 798-9336

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1432

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	106.3	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15844-16

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.058	1.012	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 12/10/99
Date Received: 12/14/99
Job Number: 15767

Project: Caltrans: West Approach

CASE NARRATIVE

The following information applies to samples which were received on 12/14/99 :

The samples were received at the laboratory chilled, all sample containers and custody seals were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

Report approved by:

FOR
Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL Detection Limit – The lowest level at which the compound can reliably be detected under normal laboratory conditions.
ND : Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit
NA Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for.

Lead By ICP

Client:	PSI	Date Sampled:	12/10/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15767	Date Digested:	12/14/99
Matrix:	Soil	Date Analyzed:	12/14-15/99
Analyst:	RLB	Batch Number:	6010S1404
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
L4-2	5.0	ND
T23-2-S	5.0	200
T23-2-1	5.0	45
D20-S	5.0	73
D15-S	5.0	190
B3-S	5.0	120
B4-S	5.0	170
B5-S	5.0	110
T22-1-3	5.0	200
D24-3	5.0	160
T23-1-S	5.0	230
T23-1-2	5.0	53

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1404

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	116.4	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15769-1

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	153.8	164.1	6%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

STLC Lead By ICP

Client:	PSI	Date Sampled:	12/10/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15767	Date Extracted:	12/15/99
Matrix:	STLC Leachate*	Date Analyzed:	12/17/99
Analyst:	RLB	Batch Number:	6010W1409
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
T23-2-S	2.5	11
D20-S	2.5	4.8
D15-S	2.5	11
B3-S	2.5	6.8
B4-S	2.5	10
B5-S	2.5	6.3
T22-1-3	2.5	16
D24-3	2.5	3.1
T23-1-S	2.5	12
T23-1-2	2.5	4.4

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1409

Batch Accuracy Results

Sample ID:Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	108.8	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.088	1.093	0%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

TCLP Lead By ICP

Client:	PSI	Date Sampled:	12/10/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15767	Date Extracted:	12/29/99
Matrix:	TCLP Leachate*	Date Analyzed:	12/30/99
Analyst:	RLB	Batch Number:	6010W1423
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.10	ND
T23-2-S	0.10	**0.25**
D15-S	0.10	**0.20**
B3-S	0.10	ND
B4-S	0.10	ND
B5-S	0.10	ND
T22-1-3	0.10	**0.23**
T23-1-S	0.10	ND

* Sample was prepared by SW-846 Method 1311 (TCLP)

TCLP Lead By ICP

Client:	PSI	Date Sampled:	12/10/99
Project:	Caltrans: West Approach	Date Received:	12/14/99
Job No.:	15767	Date Extracted:	12/29/99
Matrix:	TCLP Leachate*	Date Analyzed:	12/30/99
Analyst:	RLB	Batch Number:	6010W1423
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.10	ND
T23-2-S	0.10	**0.25**
D15-S	0.10	**0.20**
B3-S	0.10	ND
B4-S	0.10	ND
B5-S	0.10	ND
T22-1-3	0.10	**0.23**
T23-1-S	0.10	ND

* Sample was prepared by SW-846 Method 1311 (TCLP)

Centrum
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QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1423

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	1.0	108.3	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: D15-S

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.084	1.204	10%	20%	Pass

Analytical Notes:

MS Matrix Spike Sample
MSD Matrix Spike Duplicate

Centrum Analytical Laboratories, Inc.

Centrum Job # 15767

290 TENNESSEE STREET
REDLANDS, CA 92373

(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Project No: 575-8G001
Project Name: Caltrans: West Approach
Project Manager: Frank Poss
Phone: 510-785-1111 Fax: 510-785-1192
Client Name (Company): PSI
Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GC/MS: 8260 8240 8010 624.2	8082: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TTLC Pb - Pb 12/14/94	TCLP Pb
1	L4-2	12/10/94	14:20	S	Map BL-3	Tube 55								X			X		
2	T23-2-S		14:35											X			X		X
3	T23-2-1		14:38											X					
4	D20-S		14:50											X			X		
5	D15-S		14:57											X			X		X
6	B3-S		15:23											X			X		X
7	B4-S		15:28											X			X		X
8	B5-S		15:33											X			X		X
9	T22-1-3		15:49											X			X		X
10	D24-3		15:58											X			X		

Relinquished by (Sampler's Signature): Date 12/13/94 Time 16:00
Received by: Date: Time:
Relinquished by: Date: Time:
Received by: Date: Time:
Relinquished by: Date: Time:
Received for Laboratory by: Kim Betty Date 12/14/94 Time 9:40

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:
Samples chilled? ☒ Yes ☐ No
Custody seals? ☒ Yes ☐ No
All sample containers intact? ☒ Yes ☐ No
☐ Courier ☐ UPS/Fed Ex ☐ Hand carried Airborne

Turn-around time
☐ 24 Hr. RUSH*
☐ 48 Hr. RUSH*
☒ Normal TAT
* Requires prior approval, additional charges apply

Remarks/ Special Instructions

Sample Disposal
☐ Client will pick up
☐ Return to client
☐ Lab disposal fee $5

Sample Locator No.

Laboratory Notes: Nonoxygenate

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.
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REDLANDS, CA 92373
(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Centrum Job # 15767

Chain of Custody Record

Project No: 575-80001
Project Name: Caltrans West Approach
Project Manager: Frank Poss
Phone: 510-785-7111
Fax: 510-785-1192
Client Name: (Company) PSI
Address: Hayward

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 524.2	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	STLC Pb	TCLP Pb	Turn-around time / Remarks/ Special Instructions
11	T23-1-S	12/10/99	16:12	S	Map BL-3	5S Tube								X			X	X	
12	T23-1-2	↓	16:20	↓	↓	L								X					

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☐ Normal TAT

* Requires prior approval, additional charges apply

	Date	Time
Relinquished by (Sampler's Signature)	12/13/99	16:00
Received by		
Relinquished by:		
Received by:		
Relinquished by:		
Received for Laboratory by: Jan Butt	12/14/99	9:40

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof

To be completed by laboratory personnel:
- Samples chilled? ☑ Yes ☐ No
- Custody seals? ☐ Yes ☑ No
- All sample containers intact? ☑ Yes ☐ No
- ☐ Courier ☐ UPS/Fed Ex ☐ Hand carried

Airborne

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes: Homogenize

Sample Locator No.: E-1

White Copy Original (Accompanies Samples) — Yellow Copy - Centrum Files — Pink Copy - Client Copy

Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: PSI
1320 W. Winton Ave.
Hayward, CA 94545

Date Sampled: 01/07/00
Date Received: 01/08/00
Job Number: 15850

Project: Caltrans: West Approach

CASE NARRATIVE

The following information applies to samples which were received on 01/08/00 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

Report approved by:

FOR

Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions
ND Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit.
NA : Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for

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Lead By ICP

Client:	PSI	Date Sampled:	01/07/00
Project:	Caltrans: West Approach	Date Received:	01/08/00
Job No.:	15850	Date Digested:	01/10/00
Matrix:	Soil	Date Analyzed:	01/11/00
Analyst:	RLB	Batch Number:	6010S1433
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/kg	mg/kg
Method Blank	5.0	ND
TNF6-1-0.0	5.0	**150**
TNF6-1-3.0	5.0	**38**
TNF6-1-5.0	5.0	**18**

Centrum
(800) 798-9336

QC Sample Report - Metals

Matrix: Soil
Batch #: 6010S1433

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	103.6	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15851-14

Compound	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	52.4	57.3	9%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

STLC Lead By ICP

Client:	PSI	Date Sampled:	01/07/00
Project:	Caltrans: West Approach	Date Received:	01/08/00
Job No.:	15850	Date Extracted:	01/12/00
Matrix:	STLC Leachate*	Date Analyzed:	01/17/00
Analyst:	RLB	Batch Number:	6010W1444
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	2.5	ND
TNF6-1-0.0	2.5	5.3

* Sample was prepared by CAC Title 22 Method 66700 (STLC).

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1444

Batch Accuracy Results

Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	103.4	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	1.034	1.075	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

TCLP Lead By ICP

Client:	PSI	Date Sampled:	01/07/00
Project:	Caltrans: West Approach	Date Received:	01/08/00
Job No.:	15850	Date Extracted:	01/19/00
Matrix:	TCLP Leachate*	Date Analyzed:	01/20/00
Analyst:	RLB	Batch Number:	6010W1448
		Method Number:	6010

	Detection Limit	Lead
Sample ID	mg/L	mg/L
Method Blank	0.50	ND
TNF6-1-0.0	0.50	ND

* Sample was prepared by SW-846 Method 1311 (TCLP).

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(800) 798-9336

QC Sample Report - Metals

Matrix: Water
Batch #: 6010W1448

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration mg/L	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Lead	50	113.5	75 - 125	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15886-1

Compound	Spike Sample Recovery mg/L	Spike Duplicate Recovery mg/L	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Lead	0.961	1.032	7%	20%	Pass

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
REDLANDS, CA 92373
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lab@centrum-labs.com

Centrum Job # 14850

Chain of Custody Record

Page 1 of 1

Project No:	Project Name:
46001	CALTRANS WEST APPROACH

Project Manager:	Phone:	Fax:
FRANK POSS	510-785-4111	510-785-1192

Client Name: (Report and Billing)	Address: (Report and Billing)
PSI	1320 W. WINTON AVE HAYWARD, CA. 94545

Please Circle Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	8015M: Diesel, Fuel Screen, Carbon Chain	8015M: Gas only	8021B: BTEX/MtBE Only	418.1 (TRPH), 413.2	GCMS: 8260B, 8021B, 624, 524.2	GCMS: MtBE Conf. Only	GCMS: 8270C, 525	8050: Pesticides, PCBs, Pest/PCB	TCLP Pb	Metals: Title 22 (CAM), RCRA, PP	pH, TDS, TSS, Conductivity	Flashpoint, Hex Cr	TOTAL Pb	STLC Pb
1	TNF6-1-0.0	1/7/99		SOIL		1555									X				X	X
2	TNF6-1-3.0	↓		↓		↓													X	
3	TNF6-1-5.0																		X	

Turn-Around Time
- ☐ 24 Hr. RUSH*
- ☒ 48 Hr. RUSH*
- ■ Normal TAT

*Requires PRIOR approval, additional charges apply

Requested due date: 5 DAYS

Remarks/Special Instructions

1) Relinquished by: (Sampler's Signature)	Date:	Time:	3) Relinquished by:	Date:	Time:
CHRIS MERRITT	1/7/00	1645			
2) Received by:	Date:	Time:	4) Received by:	Date:	Time:
			5) Relinquished by:	Date:	Time:
			6) Received for Laboratory by:	Date: 1/8/00	Time: 11:00

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by Laboratory personnel:
- Samples chilled? ☒ Yes ☐ No ☐ From Field
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☐ Courier ☒ UPS/Fed Ex ☐ Hand carried

FEDEX

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal

Laboratory Notes:

Sample Locator No.
D-3

White Copy - Original (Accompanies Samples) | Yellow Copy - Centrum Files | Pink Copy - Centrum duplicate | Gold Copy - Client Copy