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Date: 8/5/02

Hard Copy Sent? Y N

To: Leroy Griffin

Phone:
Fax: 510-238-7761

From: Nathan

Pages: 7, including this cover page

Subject: Analytical for 2201 West Street

Sidewall samples look mostly clean, but there is some groundwater contamination. Will you be ~~recommen~~ passing this to the RWQCB?

Nathan

		110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com					
All Environmental, Inc. 3210 Old Tunnel Rd., Ste. B Lafayette, CA 94549-4157	Client Project ID: Santilli		Date Sampled: 07/26/02				
			Date Received: 07/26/02				
	Client Contact: Nathan		Date Extracted: 07/26/02				
	Client P.O.:		Date Analyzed: 07/31/02-08/01/02				
Volatiles Organics by P&T and GC/MS (Basic Target List)*							
Extraction Method: SWS030B		Analytical Method: SW8260B					
Lab ID: _____		Work Order: 0207406					
Client ID: _____		0207406-004A					
Matrix: _____		SWS 12'					
_____		Soil					
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Benzene	ND	1.0	5.0
Bromobenzene	ND	1.0	5.0	Bromochloromethane	ND	1.0	5.0
Bromodichloromethane	ND	1.0	5.0	Bromoform	ND	1.0	5.0
Bromomethane	ND	1.0	5.0	2-Butanone (MEK)	ND	1.0	1.0
n-Butyl benzene	ND	1.0	5.0	iso-Butyl benzene	ND	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,3-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Ethylbenzene	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	2-Hexanone	ND	1.0	5.0
Iodomethane (Methyl iodide)	ND	1.0	1.0	4-Isopropyl toluene	ND	1.0	5.0
Isopropylbenzene	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	Methyl-1-butyl ether (MTBE)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	n-Propyl benzene	ND	1.0	5.0
Styrene	ND	1.0	5.0	1,1,1,2-Tetrachloroethane	ND	1.0	5.0
1,1,2,2-Tetrachloroethane	ND	1.0	5.0	Tetrachloroethene	ND	1.0	5.0
Toluene	ND	1.0	5.0	1,2,3-Trichlorobenzene	ND	1.0	5.0
1,2,4-Trichlorobenzene	ND	1.0	5.0	1,1,1-Trichloroethane	ND	1.0	5.0
1,1,2-Trichloroethane	ND	1.0	5.0	Trichloroethene	ND	1.0	5.0
Trichlorofluoromethane	ND	1.0	5.0	1,2,3-Trichloropropane	ND	1.0	5.0
1,2,4-Trimehylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Acetate	ND	1.0	5.0	Vinyl Chloride	ND	1.0	5.0
Xylenes	ND	1.0	5.0				
Surrogate Recoveries (%)							
%SS1:	90.4		%SS2:	109			
%SS3:	109						
Comments:							
* water and vapor samples and all TCLP & SPLP extracts are reported in ug/l, soil/sludge/solid samples in ug/kg, wipe samples in ug/wipe, product/oil/non-aqueous liquid samples in mg/l.							
ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.							
# low surrogate recovery due to matrix interference							
h) lighter than water immiscible sheen/product is present, i) liquid sample that contains greater than ~2 vol % sediment, j) sample diluted due to high organic content.							

McCampbell Analytical Inc. 110 2nd Avenue South, #D7, Pacheco, CA 94543-3560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com		
All Environmental, Inc. 3210 Old Tunnel Rd., Ste. B Lafayette, CA 94549-4157	Client Project ID: Santilli	Date Sampled: 07/26/02
		Date Received: 07/26/02
	Client Contact: Nathan	Date Extracted: 07/26/02
	Client P.O.:	Date Analyzed: 07/31/02-08/01/02

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW8010B Analytical Method: SW8260B Work Order: 0207406

Lab ID	0207406-003A
Client ID	SWE 12
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Benzene	ND	1.0	5.0
Bromobenzene	ND	1.0	5.0	Bromochloromethane	ND	1.0	5.0
Bromodichloromethane	ND	1.0	5.0	Bromoform	ND	1.0	5.0
Bromomethane	ND	1.0	5.0	2-Butanone (MEK)	ND	1.0	10
n-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	cis-1,2-Dichloroethane	ND	1.0	5.0
trans-1,2-Dichloroethane	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Ethylbenzene	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	2-Hexanone	ND	1.0	5.0
Iodomethane (Methyl iodide)	ND	1.0	10	4-Isopropyl toluene	ND	1.0	5.0
Isopropylbenzene	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	n-Propyl benzene	ND	1.0	5.0
Styrene	ND	1.0	5.0	1,1,1,2-Tetrachloroethane	ND	1.0	5.0
1,1,2,2-Tetrachloroethane	ND	1.0	5.0	Tetrachloroethene	ND	1.0	5.0
Toluene	ND	1.0	5.0	1,2,3-Trichlorobenzene	ND	1.0	5.0
1,2,4-Trichlorobenzene	ND	1.0	5.0	1,1,1-Trichloroethane	ND	1.0	5.0
1,1,2-Trichloroethane	ND	1.0	5.0	Trichloroethene	ND	1.0	5.0
Trichlorofluoromethane	ND	1.0	5.0	1,2,3-Trichloropropane	ND	1.0	5.0
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Acetate	ND	1.0	5.0	Vinyl Chloride	ND	1.0	5.0
Xylenes	ND	1.0	5.0				

Surrogate Recoveries (%)			
%SS1:	90.0	%SS2:	109
%SS3:	106		

Comments:
 * water and vapor samples and all TCLP & SPLP extracts are reported in ug/L. soil/sludge/solid samples in ug/kg. wipe samples in ug/wipe. product/oil/non-aqueous liquid samples in mg/L.
 ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis
 # low surrogate recovery due to matrix interference.
 h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol % sediment; j) sample diluted due to high organic content.

Edward Hamilton, Lab Director

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All Environmental, Inc. Client Project ID: Santilli Date Sampled: 07/26/02
 3210 Old Tunnel Rd., Ste. B Date Received: 07/26/02
 Lafayette, CA 94549-4157 Client Contact: Nathan Date Extracted: 07/26/02
 Client P.O.: Date Analyzed: 07/31/02-08/01/02

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW3030B Analytical Method: SW8260B Work Order: 0207406

Lab ID: 0207406-002A
 Client ID: SWN 12'
 Matrix: Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Benzene	ND	1.0	5.0
Bromobenzene	ND	1.0	5.0	Bromochloromethane	ND	1.0	5.0
Bromodichloromethane	ND	1.0	5.0	Bromoforn	ND	1.0	5.0
Bromomethane	ND	1.0	5.0	2-Butanone (MEK)	ND	1.0	10
n-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloridg	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromochane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Ethylbenzene	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	2-Hexanone	ND	1.0	5.0
Iodomethane (Methyl iodide)	ND	1.0	10	4-Isopropyl toluene	ND	1.0	5.0
Isopropylbenzene	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	n-Propyl benzene	ND	1.0	5.0
Styrene	ND	1.0	5.0	1,1,1,2-Tetrachloroethane	ND	1.0	5.0
1,1,2,2-Tetrachloroethane	ND	1.0	5.0	Tetrachloroethene	ND	1.0	5.0
Toluene	ND	1.0	5.0	1,2,3-Trichlorobenzene	ND	1.0	5.0
1,2,4-Trichlorobenzene	ND	1.0	5.0	1,1,1-Trichloroethane	ND	1.0	5.0
1,1,2-Trichloromethane	ND	1.0	5.0	Trichloroethene	ND	1.0	5.0
Trichlorofluoromethane	ND	1.0	5.0	1,2,3-Trichloropropane	ND	1.0	5.0
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Acetate	ND	1.0	5.0	Vinyl Chloride	ND	1.0	5.0
Xylenes	ND	1.0	5.0				

Surrogate Recoveries (%)

%SS1:	90.5	%SS2:	108
%SS3:	106		

Comments:
 * water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in ug/kg, wipe samples in ug/wipe, product/oil/non-aqueous liquid samples in mg/L.
 ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.
 * low surrogate recovery due to matrix interference.
 h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol % sediment; j) sample diluted due to high organic content.

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All Environmental, Inc. 3210 Old Tunnel Rd., Ste. B Lafayette, CA 94549-4157	Client Project ID: Santilli	Date Sampled: 07/26/02
		Date Received: 07/26/02
	Client Contact: Nathan	Date Extracted: 07/31/02
	Client P.O.:	Date Analyzed: 07/31/02

Volatiles Organics by P&T and GC/MS (Basic Target List)*
 Extraction Method: SW9303B Analytical Method: SW8260B Work Order: 0207406

Lab ID	0207406-001B
Client ID	GW
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<5.0	10	5.0	Benzene	ND<5.0	10	0.5
Bromobenzene	ND<5.0	10	0.5	Bromochloromethane	ND<5.0	10	0.5
Bromodichloromethane	ND<5.0	10	0.5	Bromoform	ND<5.0	10	0.5
Bromomethane	ND<5.0	10	0.5	2-Butanone (MEK)	ND<5.0	10	1.0
n-Butyl benzene	6.0	10	0.5	sec-Butyl benzene	ND<5.0	10	0.5
tert-Butyl benzene	ND<5.0	10	0.5	Carbon Disulfide	ND<5.0	10	0.5
Carbon Tetrachloride	ND<5.0	10	0.5	Chlorobenzene	ND<5.0	10	0.5
Chloroethane	ND<5.0	10	0.5	2-Chloroethyl Vinyl Ether	ND<10	10	1.0
Chloroform	ND<5.0	10	0.5	Chloromethane	ND<5.0	10	0.5
2-Chlorotoluene	ND<5.0	10	0.5	4-Chlorotoluene	ND<5.0	10	0.5
Dibromochloromethane	ND<5.0	10	0.5	1,2-Dibromo-3-chloropropane	ND<5.0	10	0.5
1,2-Dibromomethane (EDB)	ND<5.0	10	0.5	Dibromomethane	ND<5.0	10	0.5
1,2-Dichlorobenzene	ND<5.0	10	0.5	1,3-Dichlorobenzene	ND<5.0	10	0.5
1,4-Dichlorobenzene	ND<5.0	10	0.5	Dichlorodifluoromethane	ND<5.0	10	0.5
1,1-Dichloroethane	ND<5.0	10	0.5	(1,2-Dichloroethane (1,2-DCA))	ND<5.0	10	0.5
1,1-Dichloroethene	ND<5.0	10	0.5	cis-1,2-Dichloroethene	ND<5.0	10	0.5
trans-1,2-Dichloroethene	ND<5.0	10	0.5	1,2-Dichloropropane	ND<5.0	10	0.5
1,3-Dichloropropane	ND<5.0	10	0.5	2,2-Dichloropropane	ND<5.0	10	0.5
1,1-Dichloropropene	ND<5.0	10	0.5	cis-1,3-Dichloropropene	ND<5.0	10	0.5
trans-1,3-Dichloropropene	ND<5.0	10	0.5	Ethylbenzene	19	10	0.5
Hexachlorobutadiene	ND<5.0	10	5.0	2-Hexanone	ND<5.0	10	0.5
Iodomethane (Methyl iodide)	ND<10	10	1.0	4-Isopropyl toluene	ND<5.0	10	0.5
Isopropylbenzene	7.5	10	0.5	4-Methyl-2-pentanone (MIBK)	ND<5.0	10	0.5
Methylene chloride	ND<5.0	10	0.5	Methyl-t-butyl ether (MTBE)	ND<5.0	10	0.5
Naphthalene	36	10	0.5	n-Propyl benzene	11	10	0.5
Styrene	ND<5.0	10	0.5	1,1,1,2-Tetrachloroethane	ND<5.0	10	0.5
1,1,2,2-Tetrachloroethane	ND<5.0	10	0.5	Tetrachloroethene	ND<5.0	10	0.5
Toluene	6.9	10	0.5	1,2,3-Trichlorobenzene	ND<5.0	10	0.5
1,2,4-Trichlorobenzene	ND<5.0	10	0.5	1,1,1-Trichloroethane	ND<5.0	10	0.5
1,1,2-Trichloroethane	ND<5.0	10	0.5	Trichloroethene	ND<5.0	10	0.5
Trichlorofluoromethane	ND<5.0	10	0.5	1,2,3-Trichloropropane	ND<5.0	10	0.5
1,2,4-Trimethylbenzene	71	10	0.5	1,3,5-Trimethylbenzene	ND<5.0	10	0.5
Vinyl Acetate	ND<5.0	10	5.0	Vinyl Chloride	ND<5.0	10	0.5
Xylenes	46	10	0.5				

Surrogate Recoveries (%)			
%SS1	105	%SS2	98.3
%SS3	87.0		

Comments
 * water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sediment/solid samples in ug/kg, wipe samples in ug/wipe, product/oil/non-aqueous liquid samples in mg/L.
 ND means not detected above the reporting limit; N/A means analyte not applicable in this analysis
 # low surrogate recovery due to matrix interference
 h) lighter than water immiscible sheen/product is present, i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content. k) reporting limit raised due to matrix interference.

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All Environmental, Inc. 3210 Old Tunnel Rd., Ste. B Lafayette, CA 94549-4157	Client Project ID: Santilli	Date Sampled: 07/26/02
		Date Received: 07/26/02
	Client Contact: Nathan	Date Extracted: 07/26/02
	Client P.O.:	Date Analyzed: 07/31/02-08/01/02

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0207406

Lab ID: 0207406-005A
 Client ID: EBW 12
 Matrix: Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<1000	20	50	Benzene	ND<100	20	5.0
Bromobenzene	ND<100	20	5.0	Bromochloromethane	ND<100	20	5.0
Bromodichloromethane	ND<100	20	5.0	Bromoform	ND<100	20	5.0
Bromomethane	ND<100	20	5.0	2-Butanone (MEK)	ND<100	20	10
n-Butyl benzene	ND<100	20	5.0	sec-Butyl benzene	ND<100	20	5.0
tert-Butyl benzene	ND<100	20	5.0	Carbon Disulfide	ND<100	20	5.0
Carbon Tetrachloride	ND<100	20	5.0	Chlorobenzene	ND<100	20	5.0
Chloroethane	ND<100	20	5.0	2-Chloroethyl Vinyl Ether	ND<200	20	10
Chloroform	ND<100	20	5.0	Chloromethane	ND<100	20	5.0
2-Chlorotoluene	ND<100	20	5.0	4-Chlorotoluene	ND<100	20	5.0
Dibromochloromethane	ND<100	20	5.0	1,2-Dibromo-3-chloropropane	ND<100	20	5.0
1,2-Dibromoethane (EDB)	ND<100	20	5.0	Dibromomethane	ND<100	20	5.0
1,2-Dichlorobenzene	ND<100	20	5.0	1,3-Dichlorobenzene	ND<100	20	5.0
1,4-Dichlorobenzene	ND<100	20	5.0	Dichlorodifluoromethane	ND<100	20	5.0
1,1-Dichloroethane	ND<100	20	5.0	1,2-Dichloroethane (1,2-DCA)	ND<100	20	5.0
1,1-Dichloroethene	ND<100	20	5.0	cis-1,2-Dichloroethene	ND<100	20	5.0
trans-1,2-Dichloroethene	ND<100	20	5.0	1,2-Dichloropropane	ND<100	20	5.0
1,3-Dichloropropane	ND<100	20	5.0	2,2-Dichloropropane	ND<100	20	5.0
1,1-Dichloropropene	ND<100	20	5.0	cis-1,3-Dichloropropene	ND<100	20	5.0
trans-1,3-Dichloropropene	ND<100	20	5.0	Ethylbenzene	240	20	5.0
Hexachlorobutadiene	ND<100	20	5.0	2-Hexanone	ND<100	20	5.0
Iodomethane (Methyl iodide)	ND<200	20	10	4-Isopropyl toluene	110	20	5.0
Isopropylbenzene	ND<100	20	5.0	4-Methyl-2-pentanone (MIBK)	ND<100	20	5.0
Methylene chloride	ND<100	20	5.0	Methyl-1-butyl ether (MTBE)	ND<100	20	5.0
Naphthalene	200	20	5.0	n-Propyl benzene	110	20	5.0
Styrene	ND<100	20	5.0	1,1,1,2-Tetrachloroethane	ND<100	20	5.0
1,1,2,2-Tetrachloroethane	ND<100	20	5.0	Tetrachloroethene	ND<100	20	5.0
Toluene	ND<100	20	5.0	1,2,3-Trichlorobenzene	ND<100	20	5.0
1,2,4-Trichlorobenzene	ND<100	20	5.0	1,1,1-Trichloroethane	ND<100	20	5.0
1,1,2-Trichloroethane	ND<100	20	5.0	Trichloroethene	ND<100	20	5.0
Trichlorofluoromethane	ND<100	20	5.0	1,2,3-Trichloropropane	ND<100	20	5.0
1,2,4-Trimethylbenzene	660	20	5.0	1,3,5-Trimethylbenzene	220	20	5.0
Vinyl Acetate	ND<1000	20	50	Vinyl Chloride	ND<100	20	5.0
Xylenes	360	20	5.0				

Surrogate Recoveries (%)

%SS1:	84.0	%SS2:	103
%SS3:	105		

Comments: j

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in ug/kg, wipe samples in ug/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyze not applicable to this analysis.

low surrogate recovery due to matrix interference.

h) lighter than water immiscible solvent/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

Ed Hamilton
 Edward Hamilton, Lab Director

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All Environmental, Inc. 3210 Old Tunnel Rd., Ste. B Lafayette, CA 94549-4157	Client Project ID: Santilli	Date Sampled: 07/26/02
		Date Received: 07/26/02
	Client Contact: Nathan	Date Extracted: 07/26/02
	Client P.O.:	Date Analyzed: 07/28/02-07/29/02

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW8215C Analytical method: SW8015C Work Order: 0207406

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0207406-001A	GW	W	3700.01	1	108
0207406-002A	SWN 12'	S	ND	1	97.5
0207406-003A	SWE 12'	S	ND	1	86.5
0207406-004A	SWS 12'	S	ND	1	85.3
0207406-005A	FRW 12'	S	32.0	1	89.7

Reporting Limit for DF=1, W 50 µg/l.
 ND means not detected at or above the reporting limit S 1.0 mg/kg

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/l, and all TCLP / STLC / SPLP extracts in ug/L

* cluttered chromatogram resulting in co-eluted surrogate and sample peaks, or: surrogate peak is on elevated baseline, or: surrogate has been diminished by dilution of original extract

* The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant, no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) nrl range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) standard solvent

DHS Certification No. 1644

Ed Edward Hamilton, Lab Director