ROCKWOOD CHRISTIE LLC c/o TMG PARTNERS 100 Bush Street, Suite 2600 San Francisco, CA 94104 (415) 772-5900

November 3, 2011

241.082.01.001

Alameda County Environmental Health 1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502 RECEIVED

10:32 am, Nov 14, 2011

Alameda County Environmental Health

Attention: Mr. Mark Detterman

Transmittal Report of Phase II Subsurface Investigation 6340 and 6390 Christie Avenue Emeryville, California Fuel Leak Case No. RO0000057 Geotracker Global ID T0600191821

Dear Mr. Detterman:

Submitted herewith for your review is the *Report of Phase II Subsurface Investigation 6340* and 6390 Christie Avenue, Emeryville, California, prepared by PES Environmental, Inc. As you requested in your letter of August 15, 2011, this document has been prepared to provide details regarding this 2005 investigation that were not included in the previously issued memorandum dated January 21, 2005.

I declare, under penalty of perjury, that the information and recommendations contained in the attached document are true and correct to the best of my knowledge.

Very truly yours, Rockwood Christie LLC

Denise Pinkston

Authorized Representative Email: <u>dpinkston@tmgpartners.com</u>

cc: William Mast (PES Environmental) Nicholas Targ, Esq. (Holland & Knight)



October 14, 2011

241.082.02.005

Rockwood Christie LLC c/o TMG Partners 100 Bush Street, 26th Floor San Francisco, CA 94104

Attention: Ms. Denise Pinkston

Subject: Report of Phase II Subsurface Investigation 6340 and 6390 Christie Avenue Emeryville, California

Dear Ms. Pinkston,

As you area aware, in December 2004 PES Environmental, Inc. (PES) conducted a Phase II subsurface investigation of the commercial properties located at 6340 and 6390 Christie Avenue in Emeryville, California (Plate 1). The work was performed on behalf of TMG Partners as part of property transaction due diligence. Upon completing the investigation, PES prepared a memorandum summarizing the findings¹; a copy of the memorandum is provided in Appendix A. At that time, no formal document describing the investigation activities was needed or requested. However, as part of current efforts to work towards and obtain closure of the open underground storage tank case at the 6340 Christie parcel, Alameda County Environmental Health (ACEH) requested in a letter dated August 15, 2011² a formal report that: describes the 2004 investigation and methodology, provides analytical laboratory reports, and is signed and stamped by a licensed professional. This report provides a brief description of the site investigation and sampling that was performed, the methodologies that were used, and the analytical results of the investigation.

The goals of the subsurface investigation were to evaluate: (1) soil and groundwater quality beneath the site in the vicinity of the transmission service area to assess the potential for releases of chemicals to have affected these media; (2) groundwater conditions that might result

¹ PES, Phase II Environmental Subsurface Investigation Results, Gold and Wolfman Properties, Emeryville, California. January 21, 2005.

² ACEH, Request for Upload Compliance and Remedial Action Report, for Fuel Leak Case No. RO0000057 and GeoTracker Global ID T0600191821, Lerer Brother Transmission, 6340 Christie Avenue, Emeryville, 94608. August 15, 2011.

Ms. Denise Pinkston October 14, 2011 Page 2

from offsite, upgradient sources; and (3) the potential presence of methane gas in soil beneath the site.

Pre-Field Activities and General Procedures

Pre-field activities consisted of the following: (1) preparing a site-specific Health and Safety Plan (HSP), (2) obtaining a drilling permit from Alameda County Public Works Agency (ACPWA), (3) contacting Underground Service Alert, (4) retaining C Cruz of Milpitas, California, a private utility locator, to perform utility clearance at all sampling locations, (5) retaining and scheduling Precision Sampling, Inc. (Gregg) of Martinez, California, a licensed drilling contractor possessing a valid C-57 water well contractor's license, to perform the soil and grab groundwater sampling, and (6) retaining and scheduling TEG Northern California Inc. (TEG) of Rancho Cordova, California, a licensed drilling contractor possessing a valid C-57 water well contractor's license, to perform the soil vapor sampling. A copy of the ACPWA drilling permit is provided in Appendix B.

The site-specific HSP was prepared by PES to comply with applicable Federal and California Occupational Safety and Health Administration (OSHA) guidelines for the field activities described below.

Downhole drilling and sampling equipment was steam cleaned at the commencement of fieldwork and after completing each borehole to reduce the potential for cross-contamination between sampling locations. Soil cuttings, decontamination rinsate, and any excess bailed groundwater was containerized in 55-gallon drums and temporarily stored on the site, prior to be disposed as non-hazardous waste at a licensed disposal facility.

Soil Sampling Methods and Procedures

Soil borings were advanced at 6 locations (SB-1 through SB-6) to maximum depths ranging from 8 to 12 feet below ground surface (bgs). Sampling locations are shown on Plate 2. Samples were collected at each boring from two discrete depths (approximately 2 and 7 feet bgs) using a direct-push drill rig equipped with a Macrocore soil sampler. All soil sampling was conducted under the supervision of a California-registered geologist and soil cores were screened at the site with a photoionization detector (PID).

The soil samples were transported under chain-of-custody protocol to Entech Analytical Labs, Inc. (Entech) in Santa Clara, California, a California state-certified laboratory for the requested analyses. Discrete soil samples were analyzed for: (1) total petroleum hydrocarbons (TPH) quantified as gasoline (TPHg) using GC/MS, (2) TPH quantified as diesel (TPHd) and motor oil (TPHmo) using U.S. EPA Method 8015M, and (3) volatile organic compounds (VOCs) using U.S. EPA Method 8260B. Additionally, composite soil samples were analyzed

Ms. Denise Pinkston October 14, 2011 Page 3

for: (1) five metals (cadmium, chromium, lead, nickel, and zinc) using U.S. EPA Method 6010B, and (2) polychlorinated biphenyls (PCBs) using U.S. EPA Test Method 8082A.

Groundwater Sampling Methods and Procedures

Borehole drilling and groundwater sampling services were conducted in accordance with California Department of Water Resource Water Well Standards (Bulletin 74-90). Grab groundwater sampling was conducted at seven locations (GW-1 through GW-7) across the site (Plate 2). Six of the groundwater sampling locations were co-located at and utilized the boreholes for the six soil borings; one location (GW-7) was located downgradient of the 6340 Christie building. A 0.75-inch diameter schedule 40 polyvinyl chloride (PVC) casing with 5 feet of 0.010-inch factory-slotted PVC well screen at the bottom was placed in the borehole.

The PVC casing was purged of approximately one-casing volume of water. Following purging, a new disposable bailer was utilized to obtain a representative groundwater sample at each location. The groundwater samples were transported to Entech under chain-of-custody protocol and analyzed for: (1) VOCs using U.S. EPA Method 8260B (2) TPHg using GC/MS and (3) TPHd/mo using by U.S. EPA Method 8015M.

After collection of groundwater samples, the PVC casings removed, the borings were tremie grouted in accordance with ACPWA permit requirements. ACPWA was notified of the work within the timeframe specified in the drilling permit, and a grout inspector performed periodic on-site inspections during grouting activities.

Soil Vapor Sampling Methods and Procedures

Temporary soil vapor probe installation, soil vapor sample collection, and laboratory analysis was conducted by TEG. Soil vapor sampling methodologies were developed to be consistent with all applicable California Department of Toxic Substances Control (DTSC) guidelines. A target sampling depth was initially planned. However, because of shallow groundwater (3 to 4 feet bgs), soil vapor samples were collected at depths from 1 to 3 feet below ground surface (bgs).

Each vapor probe was constructed using a plastic air diffuser screen fitted with ¼-inch diameter Teflon tubing. The screen was set approximately 6 inches off the bottom of the borehole in an approximately 1-foot thick sand pack. Six inches of dry granular bentonite was placed on top of the sand pack followed by hydrated bentonite to the surface.

Soil vapor samples were collected with a Strataprobe rig outfitted for soil vapor sample collection. Soil vapor samples were collected by using a rotohammer to drive a 1-inch diameter, hollow, stainless-steel, soil vapor probe to the target sampling depth. A hydrated bentonite seal was placed around the rods to reduce the potential for ambient air entering the

PES Environmental, Inc.

Ms. Denise Pinkston October 14, 2011 Page 4

sample. Upon reaching the target depth, a continuous length of new inert 1/8-inch-diameter polypropylene Nylaflow tubing was inserted down the center of the probe and threaded onto the sampling port. The probe was then raised approximately 4 inches, to expose the soil vapor sampling ports. Because of the shallow water table and the initial difficulty in obtaining a soil vapor sample without drawing in groundwater, no purge volume test was conducted.

Soil vapor wells were allowed to equilibrate at least 30 minutes before soil vapor samples were collected. A leak test was conducted during collection of each soil vapor sample to evaluate whether an effective seal was established in the sampling train. A leak check compound, 1,1-difluoroethane (1,1-DFA), was placed around the connections in the sampling train in order to evaluate potential leaks of ambient air into the sampling train.

Each probe was purged using a glass syringe connected to the tubing via a three-way valve. Following the purging of the appropriate volume, the soil vapor sample was collected using a glass syringe connected to a sampling port and immediately transferred to the onsite mobile laboratory for chemical analysis. The syringes were decontaminated by baking them in an oven in accordance with DTSC Guidelines.

The soil vapor samples were analyzed onsite by TEG for volatile organic compounds (VOCs) using EPA Method 8260B. Quality control (QC) samples collected and analyzed by the on-site mobile laboratory include a daily duplicate soil vapor sample and method (probe) blank sample. Surrogate recoveries and leak check compound(s) results were reported for every sample analyzed. Laboratory analytical reports for the soil gas samples are presented in Appendix B. Additionally, samples were field screened for methane using a GEM 500 Landfill Gas Meter.

Upon completion of sampling activities, the Teflon tubing was removed from each borehole and the 1-inch diameter probe hole was grouted with neat cement prior to patching the surface with asphalt cold-patch to match the existing surface conditions, as needed.

Analytical Results for Soil Samples

Laboratory analytical results are summarized in Table 1 and laboratory reports and chain-ofcustody documentation is provided in Appendix C. TPHmo was detected at concentrations ranging from 13 to 3,600 milligrams per kilogram (mg/kg) in all the soil samples except for the samples from boring SB-5, where TPHmo was not detected. TPHg was detected in three samples at concentrations ranging from 0.077 to 110 mg/kg. No VOCs or PCBs were detected in the soil samples. Chromium, lead, nickel, and zinc were detected at concentrations up to 49 mg/kg, 65 mg/kg, 760 mg/kg, and 1,800 mg/kg, respectively. Ms. Denise Pinkston October 14, 2011 Page 5

Analytical Results for Grab Groundwater Samples

Laboratory analytical results are summarized in Table 2 and laboratory reports and chain-ofcustody documentation is provided in Appendix C. TPHd, TPHmo, and TPHg were detected at concentrations ranging to 49,000 micrograms per liter (μ g/L), 7,400 μ g/L, and 110 μ g/L, respectively. The following five VOCs that appear to be related to the detected petroleum hydrocarbons were detected: benzene, toluene, xylenes, carbon disulfide, and methyl tertbutyl ether (MTBE).

Analytical Results for Soil Vapor Samples

Laboratory analytical results for soil vapor samples are summarized in Table 3 and the laboratory report is provided in Appendix C. TPH (C-5 to C-11 range) was detected in all 12 samples at concentrations ranging from 2.2 to 830 μ g/L of air. Several VOCs (cis-1,2-dichloroethene, benzene, toluene, and m/p-xylenes) were detected in scattered samples. Methane was observed using field monitoring equipment at concentrations ranging from 0.2 to 85 percent.

We trust this is the information that you require at this time. Please call either of the undersigned at (415) 899-1600 if you have any questions.

Yours very truly,

PES ENVIRONMENTAL, INC.

William W. Mast, P.G. Associate Engineer



Attachments: Table 1 – Summary of Analytical Results for Soil Table 2 – Summary of Analytical Results for Groundwater Table 3 – Summary of Analytical Results for Soil Vapor Plate 1 – Site Location Map Plate 2 - Sampling Location Map Appendix A – 2005 Phase II Memorandum Appendix B – ACPWA Drilling Permit Appendix C – Laboratory Analytical Reports for Soil and Groundwater Samples Appendix D - Laboratory Analytical Reports for Soil Vapor Samples

TABLES

Table 1. Summary of Analytical Results for Soil Report of Phase II Subsurface Investigation 6340 & 6390 Christie Avenue Emeryville, California

Sample ID	Sample Depth (ft)	Sample Location	Date Collected	TPHd (mg/kg)	TPHmo (mg/kg)	TPHg (mg/kg)	VOCs (mg/kg)	PCBs (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
	Deptil (it)	Location	Conecteu	(iiig/kg)	(ilig/kg)	(ilig/kg)	(iiig/kg)	(iiig/kg)	(iiig/kg)	(ilig/kg)	(ilig/kg)	(iiig/kg)
Discrete Samples												
SB-1-2	2	1	12/15/04	<50	560	<40	ND					
SB-1-7	7	1	12/15/04	<13	140	<42	ND					
SB-2-2	2	2	12/15/04	<5	40	<41	ND					
SB-2-7	7	2	12/15/04	<2.5	47	3.0	ND					
SB-3-2	2	3	12/15/04	<13	150	<42	ND					
SB-3-7	7	3	12/15/04	<25	360	110	ND					
SB-4-2	2	4	12/15/04	<6.3	3,600	<53	ND					
SB-4-7	7	4	12/15/04	<2.5	22	<54	ND					
SB-5-2	2	5	12/15/04	<2.5	<10	<39	ND					
SB-5-7	7	5	12/15/04	<2.5	<10	<41	ND					
SB-6-2	2	6	12/15/04	<2.5	13	<42	ND					
SB-6-7	7	6	12/15/04	<2.5	2,600	0.077	ND					
Composite Samples												
(SB-1-2)(SB-1-7)Comp	Composite	1	12/15/04						49	65	47	160
(SB-2-2)(SB-2-7)Comp	Composite	2	12/15/04						21	<5	23	59
(SB-3-2)(SB-3-7)Comp	Composite	3	12/15/04						46	<5	55	27
6390 Shallow Comp	Composite	1,2,3	12/15/04					<0.1				
(SB-4-2)(SB-4-7)Comp	Composite	4	12/15/04						41	6.1	41	62
(SB-5-2)(SB-5-7)Comp	Composite	5	12/15/04						38	<5	40	30
(SB-6-2)(SB-6-7)Comp	Composite	6	12/15/04						2.6	55	760	1,800
6340 Shallow Comp	Composite	4,5,6	12/15/04					<0.1				

Notes:

mg/kg = Milligrams per kilogram.

TPHd = Total petroleum hydrocarbons as diesel (U.S. EPA Test Method 8015M).

TPHmo = Total petroleum hydrocarbons as motor oil (U.S. EPA Test Method 8015M).

TPHg = Total petroleum hydrocarbons as gasoline (U.S. EPA Test Method 8260).

VOCs = Volatile organic compounds (U.S. EPA Test Method 8260).

PCBs = Poly-chlorinated biphenyls (U.S. EPA Test Method 8082).

LUFT metals (cadium, chromium, lead, nickel, and zinc) analyzed using U.S. UPA Test Method 6010B. Only detected metals are listed.

<2.5 = Not detected at or above the indicated laboratory reporting limit.

ND = No analytes detected at or above their respective laboratory reporting limits for the indicated analytical method.

-- = Not analyzed or not applicable.

Table 2. Summary of Analytical Results for Groundwater Report of Phase II Subsurface Investigation 6340 & 6390 Christie Avenue Emeryville, California

									VOCs	5	
Sample ID	Sample Depth (ft)	Sample Location	Date Collected	TPHd (µg/L)	TPHmo (μg/L)	TPHg (µg/L)	Benzene (µg/L)	Toluene (μg/L)	Total Xylenes (µg/L)	Carbon Disulfide (µg/L)	Methyl t-Butyl Ether (µg/L)
GW-1-12	12	1	12/15/04	7,000	<1,300	<25	0.81	0.68	<0.5	<0.5	<1
GW-2-8	8	2	12/15/04	<250	3,300	37	<0.5	<0.5	<0.5	0.74	21
GW-3-8	8	3	12/15/04	<250	7,400	<25	<0.5	<0.5	<0.5	<0.5	<1
GW-4-11	11	4	12/15/04	22,000	<10,000	<250	<5	<5	<5	<5	<10
GW-5-12	12	5	12/15/04	9,700	<5,000	110	2.8	<0.5	1.5	<0.5	<1
GW-6-8	8	6	12/15/04	4,200	<1,300	<25	<0.5	<0.5	<0.5	<0.5	<1
GW-7-12	12	7	12/15/04	49,000	<13,000	<500	<10	<10	<10	<10	<20

Notes:

 μ g/L = Micrograms per liter.

TPHd = Total petroleum hydrocarbons as diesel (U.S. EPA Test Method 8015M).

TPHmo = Total petroleum hydrocarbons as motor oil (U.S. EPA Test Method 8015M).

TPHg = Total petroleum hydrocarbons as gasoline (U.S. EPA Test Method 8260).

VOCs = Volatile organic compounds (U.S. EPA Test Method 8260). Only detected VOCs are listed.

All other VOCs not detected at or above their respective laboratory reporting limits.

<25 = Not detected at or above the indicated laboratory reporting limit.

Table 3. Summary of Analytical Results for Soil Vapor Report of Phase II Subsurface Investigation 6340 & 6390 Christie Avenue Emeryville, California

					VC)Cs			
Sample	Sample	Sample	Date	cis-1,2-DCE	Benzene	Toluene	m,p-Xylenes	TPH	Methane
ID	Depth (ft)	Location	Collected	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(% Gas)
SG-1-2	2	SG-1	12/15/04	<0.10	<0.10	<0.10	<0.10	6.8	
SG-2-1	1	SG-2	12/15/04	<0.10	<0.10	<0.10	<0.10	2.6	ND
SG-3-3	3	SG-3	12/15/04	<0.10	<0.10	<0.10	<0.10	9.3	14
SG-4-3	3	SG-4	12/15/04	<0.10	5.5	1.1	1.4	830	85
SG-5-3	3	SG-5	12/15/04	<0.10	<0.10	<0.10	<0.10	8.8	83
SG-6-2	2	SG-6	12/15/04	0.15	<0.10	<0.10	0.10	8.3	7.8
SG-7-2	2	SG-7	12/15/04	<0.10	<0.10	<0.10	0.11	6.7	14
SG-8-3	3	SG-8	12/15/04	<0.10	0.20	0.11	0.11	76	64
SG-9-2	2	SG-9	12/15/04	<0.10	<0.10	0.10	0.12	2.2	9.0
SG-10-2	2	SG-10	12/15/04	<0.10	0.13	0.12	<0.10	31	56
SG-11-2	2	SG-11	12/15/04	<0.10	0.34	0.29	0.11	380	16
SG-12-2	2	SG-12	12/15/04	<0.10	0.13	1.4	0.11	5.6	0.2

Notes:

 $\mu g/L = Micrograms per liter of air$

TPH = Total petroleum hydrocarbons in C-5 to C-11 range (U.S. EPA Test Method 8260).

VOCs = Volatile organic compounds (U.S. EPA Test Method 8260). Only detected VOCs are listed.

All other VOCs not detected at or above their respective laboratory reporting limits.

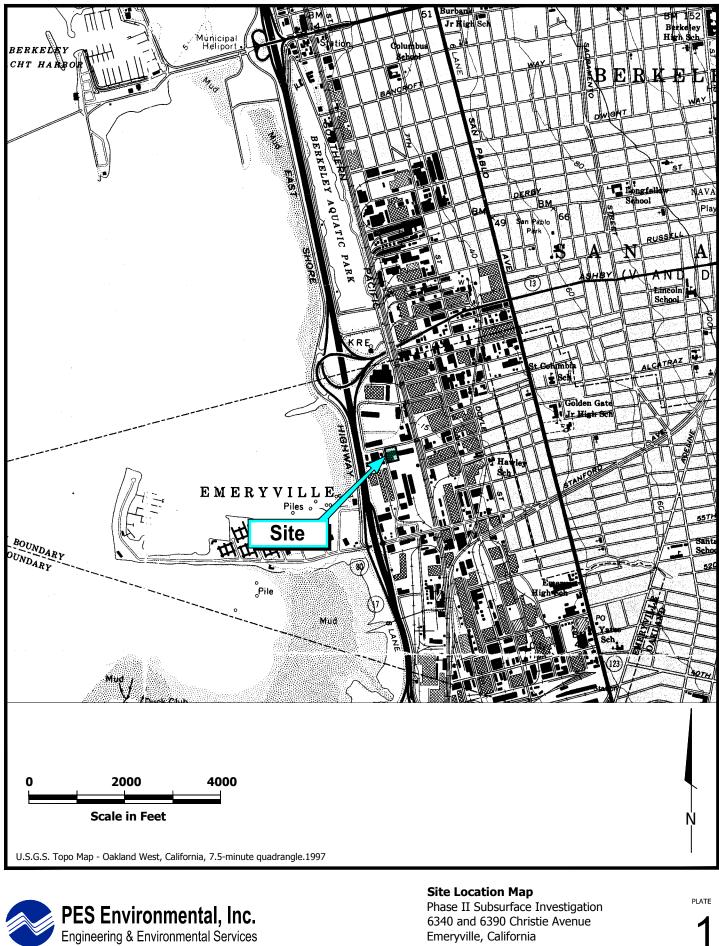
cis-1,2-DCE = cis-1,2,-Dichloroethene.

Methane analyzed in the field using a GEM 500 Landfill Gas Meter.

<0.10 = Not detected at or above the indicated laboratory reporting limit

-- = Not applicable

PLATES



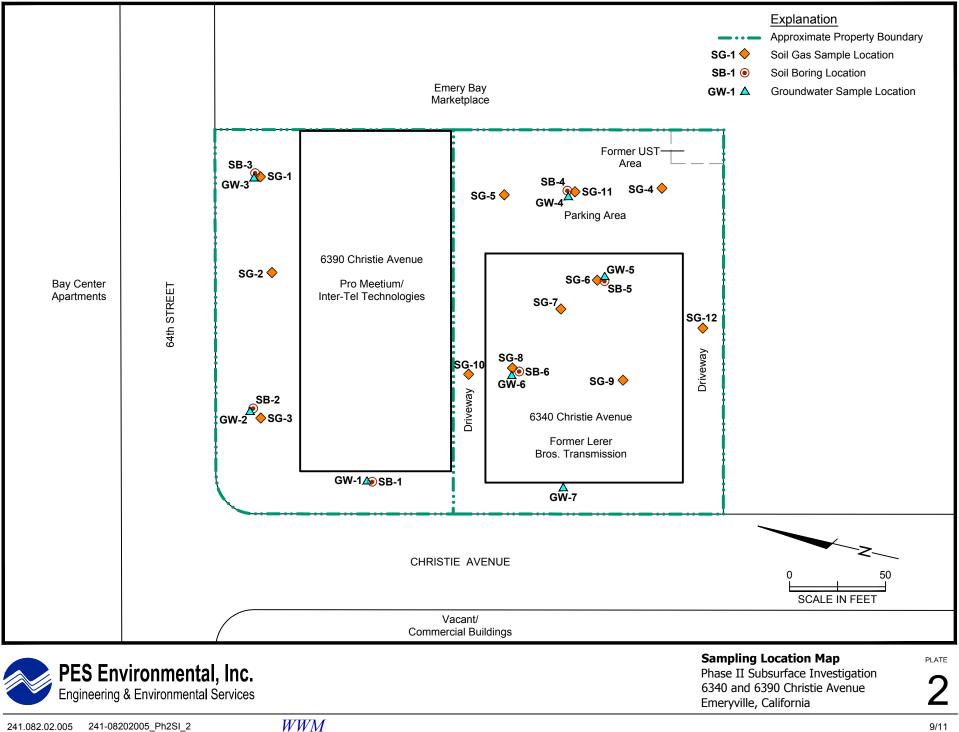
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REVIEWED BY

6340 and 6390 Christie Avenue Emeryville, California

9/11 DATE



JOB NUMBER DRAWING NUMBER

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DATE

APPENDIX A

2005 PHASE II MEMORANDUM



MEMORANDUM

То:	Mr. Robert Wyatt -Allen Matkins Leck Gamble & Mallory, LLP
Cc:	Ms. Denise Pinkston - TMG Partners
From:	Will Mast and Peter Gorman - PES Environmental, Inc.
Project No.:	241.062.01.002
Date:	January 21, 2005
Subject:	Phase II Environmental Subsurface Investigation Results Gold and Wolfman Properties, Emeryville, California

On December 15, 2004, PES conducted a subsurface investigation of the commercial properties located at 6340 and 6390 Christie Avenue in Emeryville, California (the Gold and Wolfman properties, respectively). This memorandum provides a brief description of the work performed, and presents the analytical results of the investigation. These data were previously discussed with Allen Matkins and TMG on January 7 and 11, 2005. We understand that further discussions with and review by the City of Emeryville will likely result in determining the final reporting format for these data.

Prior to the fieldwork, PES examined pre-existing environmental information, developed a sampling strategy, prepared a health and safety plan, obtained drilling permits from Alameda County, contacted Underground Service Alert, and performed utility clearance at sampling locations. Our drilling subcontractor advanced 7 borings to collect 7 groundwater samples and 12 depth-discrete soil samples. Additionally, soil gas samples were collected at 12 locations. These sampling locations are presented on Plate 1. The results of the laboratory analyses are summarized on Tables 1 through 6.

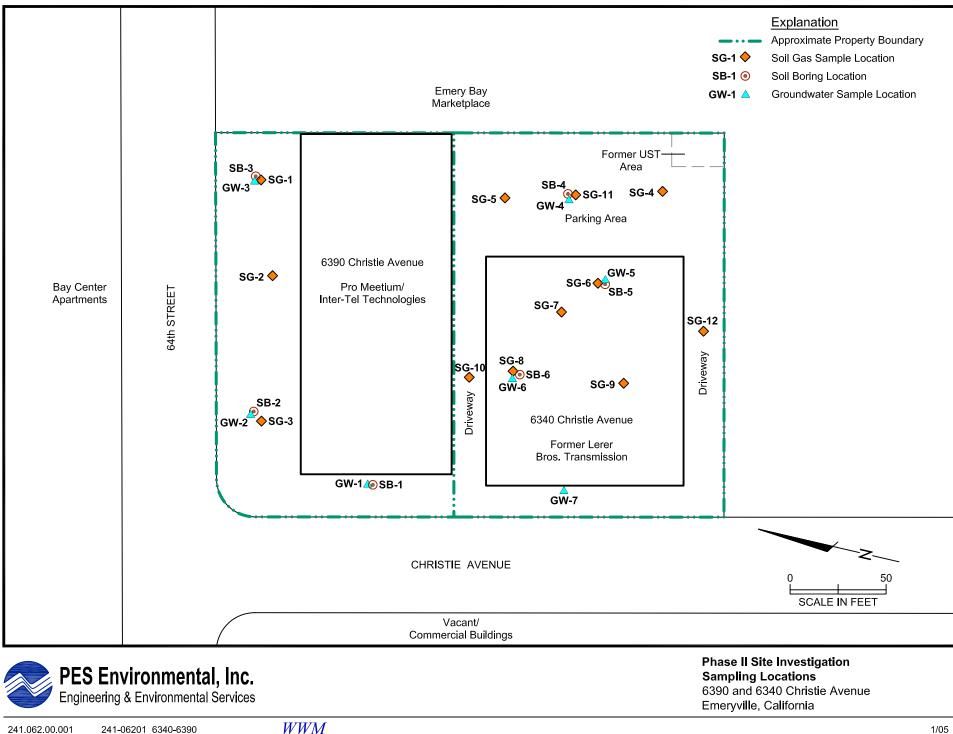
Please call (415) 899-1600 if you have any questions.

Attachments: Plate 1 - Phase II Site Investigation Sampling Locations

- Table 1 Summary of Analytical Results for Soil, 6340 Christie Avenue
- Table 2 Summary of Analytical Results for Groundwater, 6340 Christie Avenue
- Table 3 Summary of Analytical Results for Soil Vapor, 6340 Christie Avenue
- Table 4 Summary of Analytical Results for Soil, 6390 Christie Avenue
- Table 5 Summary of Analytical Results for Groundwater Vapor, 6390 Christie Avenue
- Table 6 Summary of Analytical Results for Soil Vapor, 6390 Christie Avenue

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ATTACHMENTS



JOB NUMBER

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REVIEWED BY

Table 1. Summary of Analytical Results for SoilGold Property6340 Christie AvenueEmeryville, California

Sample ID	Sample Depth (ft)	Sample Location	Date Collected	TPHd (mg/kg)	TPHmo (mg/kg)	TPHg (mg/kg)	VOCs (mg/kg)	PCBs (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
SB-4-2	2	4	12/15/04	<6.3	3,600	<53	ND					
SB-4-7	7	4	12/15/04	<2.5	22	<54	ND					
SB-5-2	2	5	12/15/04	<2.5	<10	<39	ND					
SB-5-7	7	5	12/15/04	<2.5	<10	<41	ND					
SB-6-2	2	6	12/15/04	<2.5	13	<42	ND					
SB-6-7	7	6	12/15/04	<2.5	2,600	0.077	ND					
6340 Shallow Comp	Composite	4,5,6	12/15/04					<0.1				
(SB-4-2)(SB-4-7)Comp	Composite	4	12/15/04						41	6.1	41	62
(SB-5-2)(SB-5-7)Comp	Composite	5	12/15/04						38	<5	40	30
(SB-6-2)(SB-6-7)Comp	Composite	6	12/15/04						2.6	55	760	1,800
ESLs for Residential Lar	nd Use ⁽¹⁾			500	500	100	var	0.22	58 - total	200	150	600
ESLs for Commercial La	500	1,000	400	var	0.74	58 - total	750	150	600			
PRG for Residential Lan				var	0.22	30 - Cr ⁶⁺	150	1,600	23,000			
PRG for Commercial La				var	0.74	64 - Cr ⁶⁺	800	20,000	100,000			

Notes:

mg/kg = Milligrams per kilogram.

TPHd = Total petroleum hydrocarbons as diesel (U.S. EPA Test Method 8015M).

TPHmo = Total petroleum hydrocarbons as motor oil (U.S. EPA Test Method 8015M).

TPHg = Total petroleum hydrocarbons as gasoline (U.S. EPA Test Method 8260).

VOCs = Volatile organic compounds (U.S. EPA Test Method 8260).

PCBs = Poly-chlorinated biphenyls (U.S. EPA Test Method 8082).

LUFT metals (cadium, chromium, lead, nickel, and zinc) analyzed using U.S. UPA Test Method 6010B. Only detected metals are listed.

<2.5 = Not detected at or above the indicated laboratory reporting limit.

ND = No analytes detected at or above their respective laboratory reporting limits for the indicated analytical method.

-- = Not analyzed or not applicable.

var = Varies for compounds in indicated analytical method.

(1) California Regional Water Quality Control Board, San Francisco Region Environmental Screening Level (ESL) for soil where groundwater is not a potential drinking water resource (February 2004).

(2) U.S. EPA Region 9 Preliminary Remediation Goal (PRG) for soil (October 2004).

Table 2. Summary of Analytical Results for GroundwaterGold Property6340 Christie AvenueEmeryville, California

							VO	Cs
Sample ID	Sample Depth (ft)	Sample Location	Date Collected	TPHd (µg/L)	TPHmo (μg/L)	TPHg (µg/L)	Benzene (µg/L)	Xylenes, Total (µg/L)
GW-4-11	11	4	12/15/04	22,000	<10,000	<250	<5	<5
GW-5-12	12	5	12/15/04	9,700	<5,000	110	2.8	1.5
GW-6-8	8	6	12/15/04	4,200	<1,300	<25	<0.5	<0.5
GW-7-12	12	7	12/15/04	49,000	<13,000	<500	<10	<10
ESL for gro	oundwater ⁽¹)		640	640	500	46	13
ESL Ceiling level for groundwater ⁽²⁾				2,500	2,500	5,000	20,000	150,000
PRG for tap water ⁽³⁾							0.35	210

Notes:

 μ g/L = Micrograms per liter.

TPHd = Total petroleum hydrocarbons as diesel (U.S. EPA Test Method 8015M).

TPHmo = Total petroleum hydrocarbons as motor oil (U.S. EPA Test Method 8015M).

TPHg = Total petroleum hydrocarbons as gasoline (U.S. EPA Test Method 8260).

VOCs = Volatile organic compounds (U.S. EPA Test Method 8260). Only detected VOCs are listed.

All other VOCs not detected at or above their respective laboratory reporting limits.

<5 = Not detected at or above the indicated laboratory reporting limit.

(1) California Regional Water Quality Control Board, San Francisco Region Environmental Screening Level (ESL) for groundwater that is not a potential drinking water resource (February 2004).

(2) Table F-1b, RWQCB ESL (February 2004).

(3) U.S. EPA Region 9 Preliminary Remediation Goal (PRG) for tap water (October 2004).

Table 3. Summary of Analytical Results for Soil VaporGold Property6340 Christie AvenueEmeryville, California

					VC	Cs			
Sample	Sample	Sample	Date	cis-1,2-DCE	Benzene	Toluene	m,p-Xylenes	TPH	Methane
ID	Depth (ft)	Location	Collected	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(% Gas)
SG-4-3	3	SG-4	12/15/04	<0.10	5.5	1.1	1.4	830	85
SG-5-3	3	SG-5	12/15/04	<0.10	<0.10	<0.10	<0.10	8.8	83
SG-6-2	2	SG-6	12/15/04	0.15	<0.10	<0.10	0.10	8.3	7.8
SG-7-2	2	SG-7	12/15/04	<0.10	<0.10	<0.10	0.11	6.7	14
SG-8-3	3	SG-8	12/15/04	<0.10	0.20	0.11	0.11	76	64
SG-9-2	2	SG-9	12/15/04	<0.10	<0.10	0.10	0.12	2.2	9.0
SG-10-2	2	SG-10	12/15/04	<0.10	0.13	0.12	<0.10	31	56
SG-11-2	2	SG-11	12/15/04	<0.10	0.34	0.29	0.11	380	16
SG-12-2	2	SG-12	12/15/04	<0.10	0.13	1.4	0.11	5.6	0.2
ESL for Re	sidential La	nd Use ⁽¹⁾		7.3	0.084	83	21	10	
ESL for Co	SL for Commercial Land Use ⁽¹⁾			20	0.28	230	58	29	
PRG for Ambient Air ⁽²⁾		0.037	0.00025	0.40	0.11				

Notes:

µg/L = Micrograms per liter of air

TPH = Total petroleum hydrocarbons in C-5 to C-11 range (U.S. EPA Test Method 8260).

VOCs = Volatile organic compounds (U.S. EPA Test Method 8260). Only detected VOCs are listed.

All other VOCs not detected at or above their respective laboratory reporting limits.

cis-1,2-DCE = cis-1,2,-Dichloroethene.

Methane analyzed in the field using a GEM 500 Landfill Gas Meter.

<0.10 = Not detected at or above the indicated laboratory reporting limit

-- = Not applicable

(1) California Regional Water Quality Control Board, San Francisco Region Environmental Screening Level (ESL) for shallow soil gas (February 2004).

(2) U.S. EPA Region 9 Preliminary Remediation Goal (PRG) for ambient air (October 2004).

Table 4. Summary of Analytical Results for SoilWolfman Property6390 Christie AvenueEmeryville, California

Sample ID	Sample Depth (ft)	Sample Location	Date Collected	TPHd (mg/kg)	TPHmo (mg/kg)	TPHg (mg/kg)	VOCs (mg/kg)	PCBs (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
	,			,					(3 3/	(3 3/	(3 3/	
SB-1-2	2	1	12/15/04	<50	560	<40	ND					
SB-1-7	7	1	12/15/04	<13	140	<42	ND					
SB-2-2	2	2	12/15/04	<5	40	<41	ND					
SB-2-7	7	2	12/15/04	<2.5	47	3.0	ND					
SB-3-2	2	3	12/15/04	<13	150	<42	ND					
SB-3-7	7	3	12/15/04	<25	360	110	ND					
6390 Shallow Comp	Composite	1,2,3	12/15/04					<0.1				
(SB-1-2)(SB-1-7)Comp	Composite	1	12/15/04						49	65	47	160
(SB-2-2)(SB-2-7)Comp	Composite	2	12/15/04						21	<5	23	59
(SB-3-2)(SB-3-7)Comp	Composite	3	12/15/04						46	<5	55	27
ESL for Residential Lan	d Use ⁽¹⁾			500	500	100	var	0.22	58 - total	200	150	600
ESL for Commercial Land Use ⁽¹⁾				500	1,000	400	var	0.74	58 - total	750	150	600
PRG for Residential Lar				var	0.22	30 - Cr ⁶⁺	150	1,600	23,000			
PRG for Commercial Land Use ⁽²⁾							var	0.74	64 - Cr ⁶⁺	800	20,000	100,000

Notes:

mg/kg = Milligrams per kilogram.

TPHd = Total petroleum hydrocarbons as diesel (U.S. EPA Test Method 8015M).

TPHmo = Total petroleum hydrocarbons as motor oil (U.S. EPA Test Method 8015M).

TPHg = Total petroleum hydrocarbons as gasoline (U.S. EPA Test Method 8260).

VOCs = Volatile organic compounds (U.S. EPA Test Method 8260).

PCBs = Poly-chlorinated biphenyls (U.S. EPA Test Method 8082).

LUFT metals (cadium, chromium, lead, nickel, and zinc) analyzed using U.S. UPA Test Method 6010B. Only detected metals are listed.

<50 = Not detected at or above the indicated laboratory reporting limit

ND = No analytes detected at or above their respective laboratory reporting limits for the indicated analytical method.

-- = Not analyzed or not applicable

var = Varies for compounds in indicated analytical method

(1) California Regional Water Quality Control Board, San Francisco Region Environmental Screening Level (ESL) for soil where groundwater is not a potential drinking water resource (February 2004).

(2) U.S. EPA Region 9 Preliminary Remediation Goal (PRG) for soil (October 2004).

Table 5. Summary of Analytical Results for GroundwaterWolfman Property6390 Christie AvenueEmeryville, California

									VOCs	
Sample ID	Sample Depth (ft)	Sample Location	Date Collected	TPHd (µg/L)	TPHmo (µg/L)	TPHg (µg/L)	Benzene (µg/L)	Toluene (μg/L)	Carbon Disulfide (µg/L)	Methyl t-Butyl Ether (µg/L)
GW-1-12	12	1	12/15/04	7,000	<1,300	<25	0.81	0.68	<0.5	<1
GW-2-8	8	2	12/15/04	<250	3,300	37	<0.5	<0.5	0.74	21
GW-3-8	8	3	12/15/04	<250	7,400	<25	<0.5	<0.5	<0.5	<1
ESL for groun	dwater ⁽¹⁾			640	640	500	46	130		1,800
ESL Ceiling level for groundwater (2)				2,500	2,500	5,000	20,000	400		1,800
PRG for tap water ⁽³⁾							0.35	720		6.2

Notes:

µg/L = Micrograms per liter.

TPHd = Total petroleum hydrocarbons as diesel (U.S. EPA Test Method 8015M).

TPHmo = Total petroleum hydrocarbons as motor oil (U.S. EPA Test Method 8015M).

TPHg = Total petroleum hydrocarbons as gasoline (U.S. EPA Test Method 8260).

VOCs = Volatile organic compounds (U.S. EPA Test Method 8260). Only detected VOCs are listed.

All other VOCs not detected at or above their respective laboratory reporting limits.

<25 = Not detected at or above the indicated laboratory reporting limit.

-- = Not applicable.

(1) California Regional Water Quality Control Board, San Francisco Region Environmental Screening Level (ESL)

for groundwater that is not a potential drinking water resource (February 2004).

(2) Table F-1b, RWQCB ESL (February 2004).

(3) U.S. EPA Region 9 Preliminary Remediation Goal (PRG) for tap water (October 2004).

Table 6. Summary of Analytical Results for Soil VaporWolfman Property6390 Christie AvenueEmeryville, California

Sample ID	Sample Depth (ft)	Sample Location	Date Collected	VOCs (µg/L)	TPH (µg/L)	Methane (% Gas)
SG-1-2	2	SG-1	12/15/04	ND	6.8	
SG-2-1	1	SG-2	12/15/04	ND	2.6	ND
SG-3-3	3	SG-3	12/15/04	ND	9.3	14
ESL for Res	sidential Lan	d Use ⁽¹⁾		var	10	
ESL for Commercial Land Use ⁽¹⁾				var	29	
PRG for Ambient Air ⁽²⁾				var		

Notes:

 μ g/L = Micrograms per liter of air

TPH = Total petroleum hydrocarbons in C-5 to C-11 range (U.S. EPA Test Method 8260).

VOCs = Volatile organic compounds (U.S. EPA Test Method 8260).

Methane analyzed in the field using a GEM 500 Landfill Gas Meter.

ND = No analytes detected at or above their respective laboratory reporting limits for the indicated analytical method.

-- = Not applicable or not sampled

var = Varies for compounds in indicated analytical method

(1) California Regional Water Quality Control Board, San Francisco Region Environmental Screening Level (ESL) for shallow soil gas (February 2004).

(2) U.S. EPA Region 9 Preliminary Remediation Goal (PRG) for ambient air (October 2004).

APPENDIX B

ACPWA DRILLING PERMIT



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ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION 399 ELMNURST ST. HAYWARD CA. 94544-1395 PHONE (510) 670-6633 James Yoo FAX (510) 782-1939 APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

	9 and 6390 Christie Ave. yville, CA 94608	PE: WF
Toterror of building	, and astract	ለዖ
_ parking area 1	y min comments	
	THE REAL PROPERTY OF COMPANY OF COMPANY.	
CLIENT		
Name TMG Portno	22	A.,
Address 100 Bush St. 27"	- F1. Phone 510-652-1967	
City Son Econolisis	Zip	
APPLICANT	and the Deliver C	
Name PES Environmental	- contact - Peter Gorman	
1682 Neverso Blue	. Fax 415-899-1601	
Address Suite 100	Phone 415-899 - 1600	
City_Novato	Zip <u>94947</u>	B. W
		D. W
TYPE OF PROJECT		
Well Construction	Geotechnical Investigation	
Cathodic Protection	General Soll+ Grandwaler M	
Water Supply	Contamination	
Monitoring 🗆	Well Destruction	С.
PROPOSED WATER SUPPLY W	/ELL USE	
	Roplacement Domestic []	
	Irrigation	
	Other Ü	P
		/ D.
DRILLING METHOD:		
	r Romry 🖞 Auger 🗆	\sim
Cable D Ot	her (1)	
DRILLER'S NAME Precis	Secolaria	E.
DIGLEDIN S MANIE PIELAS	<u>andrang</u>	F. W
DRILLER'S LICENSE NO. 63	6387 (exe. 1/31/06	£. W
5		
WELL PROJECTS		G. SP
Drill Hole Diamster	ia. Muximum	NOT
Casing Diumeter		destru
Surface Seal Depth	ft. Owner's Well Number	for g
GEOTECHNICAL PROJECTS		
Number of Borings <u>16</u> Hole Diameter 2 in.	Maximum Depth <u>IO</u> ft	
	Depun <u>10 n</u>	
STARTING DATE 120105		
COMPLETION DATE 1 21 C	25	
		AP
I hereby agree to comply with all req	uirements of this permit and Alameda County Ordinance	No. 73-68
-		~
APPLICANT'S SIGNATURE	the D Gorman DATE 1/14/6	25

PLEASE PRINT NAME Poter Gorman

FOR OFFICE USE
PERMIT NUMBER WUS FOUSU
APN
PERMIT CONDITIONS Circled Permit Requirements Apply
A. GENERAL
 A permit application should be submitted so as to arrive at the ACPWA office five days prior to
proposed starting date.
 Submit to ACFWA within 60 days after completion of permitted original Department of Water Resources- Well Completion Report.
 Permit is void if project not begun within 90 duys of approval date
B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of
coment grout placed by tromic. 2. Minimum seal depth is 50 feet for municipal and
Industrial wells or 20 feet for domestic and irrigation
wells unless a lesser depth is specially approved.
C. GROUNDWATER MONITORING WELLS
INCLUDING PIEZOMETERS
 Minimum surface seal thickness is two inches of coment grout placed by tremie,
2. Minimum scal depth for monitoring wells is the
maximum depth practicable or 20 feet.
D. GEOTECHNICAL (OWA MAG tim Backfill born hole by tremie with coment grout or coment
Backfill bore hole by tremie with coment grout or coment
grout/sand mixture.Upper two-three feet replaced in kind,
- or will-symposied cuttings. E. CATHODIC
Fill hole anode zone with concrete placed by tremie.
F. WELL DESTRUCTION
Send a map of work site. A separate permit is required
for wells deeper than 45 feel
G. SPECIAL CONDITIONS
NOTE: One application must be submitted for each well or well
destruction. Multiple borings on one application are acceptable
for geotechnical and contamination investigations.
1-14-05

DATE

APPROVED

Rev.9-18-02

PES Environmental, Inc.

APPENDIX C

LABORATORY ANALYTICAL REPORTS FOR SOIL AND GROUNDWATER SAMPLES

ENTECH

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Pete Gorman PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947

Order: 41690 Project Name: Project Number: 241.062.02.002 Certificate ID: 41690 - 12/22/2004 4:42:46 PM

 Date Collected:
 12/15/2004

 Date Received:
 12/15/2004

 P.O. Number:
 241.062.02.002

Certificate of Analysis - Final Report

On December 15, 2004, samples were received under chain of custody for analysis. Entech analyzes samples "as received" unless otherwise noted. The following results are included:

Matrix	Test	Method	<u>Comments</u>
Liquid	EPA \$260B TPH as Gasoline - GC/MS	EPA 8260B GC-MS	
	TPH-Extractable	EPA 8015 MOD. (Extractable)	
Solid	EPA 8082A	EPA 8082A	
	EPA 8260B	EPA 8260B	
	LUFT Metals	EPA 6010B	
	TPH as Gasoline - GCMS	GC-M\$	
	TPH-Extractable	EPA 8015 MOD. (Extractable)	

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346). If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,

Ahrj

Laurie Glantz-Murphy Laboratory Director

Environmental Analysis Since 1983

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Sample ID: SB-4-2

Sample Date: 12/15/2004 12:00 PM Matrix: Solid

				_	Matrix. Som			
), (Extractable) / EPA 3545 Result F	5 / Pressurized lag DF	Fluid Extraction, N Detection Limit	McCl Units	Prep Date	Prep Batch	Analysis Date 12/18/2004	QC Batch DS4480B
Parameter TPH as Diesel	ND	250 250	630 2500	mg/Kg mg/Kg	12/16/2004 12/16/2004	D\$4480B D\$4480B	12/18/2004	DS4480B
TPH as Motor Oil Surrogate o-Terphenyl	3600 Surrogate Recovery 97.5	Control Li 41 -					Analyzed by: Jhsia Reviewed by: LGL	

è

Fax: (408) 588-0201 Phone: (408) 588-0200

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Sample ID: SB-4-2 Lab #: 41690-001

Mathod: FPA 8260B / EPA 5035A / Purve & Tran

Fax: (408) 588-0201 Phone: (408) 588-0200

Project Number: 241,062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Sample Date: 12/15/2004 12:00 PM Matrix: Solid

Method: EPA 8260B / EPA 5035A			-	Description V insid	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Parameter	Result	Flag	DF	Detection Limit	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,1,1,2-Tetrachloroethane	ND		1.1	5.3	μg∕Кg μg/Кg	N/A	N/A	12/16/2004	SMS3041216
1,1,1-Trichloroethane	ND		1.1	5.3		N/A	N/A	12/16/2004	SMS3041216
1,1,2,2-Tetrachlorocthane	ND		1.1	5.3	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1,2-Trichlorocthane	ND		1.1	5.3	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1-Dichloroethane	ND		1,1	5.3	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1-Dichloroethene	ND		1.1	5.3	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1-Dichloropropenc	ND		1.1	5.3	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,2,3-Trichlorobenzene	ND		1.1	5.3	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,3-Trichloropropane	ND		1.1	5.3	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,4-Trichlorobenzenc	ND		1.1	5.3	µg/Kg		N/A	12/16/2004	SM\$3041216
1,2,4-Trimethylbenzene	ND		1.1	5.3	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dibromo-3-Chloropropane	ND		1.1	5.3	μg/K g	N/A	N/A	12/16/2004	SM\$3041216
1,2-Dibromocthane (EDB)	ND		1.1	5.3	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dichlorobenzene	ND		1.1	5.3	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dichloroethane	ND		1,1	5.3	µц/Кд	N/A	N/A	12/16/2004	SM\$3041216
1,2-Dichloropropane	NĎ		1.1	5.3	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,3,5-Trimethylbenzenc	ND		1,1	5.3	µg∕Kg	N/A		12/16/2004	SM\$3041216
1,3-Dichlorobenzene	NĎ		1.1	5.3	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1.3-Dichloropropane	ND		1.1	5.3	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,4-Dichlorobenzene	ND		1.1	5.3	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,4-Dioxane	ND		1,1	110	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
2,2-Dichloropropane	NĎ		1.1	5.3	μg/Kg	N/A	N/A		SMS3041216
2-Butanone (MEK)	ND		1,1	43	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
2-Chloroethyl-vinyl Ether	ND		1.1	5.3	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
2-Chlorotoluenc	ND		1.1	5.3	µg/Kg	N/A	N/A	12/16/2004	SMS3041210
2-Hexanone	ND		1.1	43	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
4-Chlorotolucne	ND		1.1	5.3	μg/Kg		N/A	12/16/2004	SMS3041216
4-Methyl-2-Pentanone(MIBK)	ND		1,1	43	μg/Kg		N/A	12/16/2004	SM\$3041216
Acetone	ND		1.1	110	μg/Kg		N/A	12/16/2004	
Acetonitrile	ND		1.1	43	µg/K.g		N/A	12/16/2004	SMS3041216
Acrolein	ND		1.1	5.3	µg/Kg		N/A	12/16/2004	SMS3041216 SMS3041216
Acrylonitrile	NĎ		1.1	5.3	µg/K.g		N/A	12/16/2004	
Benzene	ND		1.1	5.3	µg/Kg		N/A	12/16/2004	SMS3041216
Benzyl Chloride	ND		1.1	5.3	μg/Kg		N/A	12/16/2004	SMS3041216
Bromobenzene	ND		1.1	5.3	μ g/Kg		N/A	12/16/2004	SMS3041216
Bromochloromethane	ND		1.1	5.3	μţ/Kg	N/A	N/A	12/16/2004	SMS3041216
Bromodichloromethanc	ND		1.1	5.3	μg/Kg		N/A	12/16/2004	SMS3041216
Bromoform	ND		1.1	5.3	µg∕Kg		N/A	12/16/2004	\$M\$3041216
Bromomethanc	ND		1.1	5.3	µg/Kg		N/A	12/16/2004	\$M\$3041216
Carbon Disulfide	ND		1.1	5.3	μg/Kg		N/A	12/16/2004	SMS3041216
Carbon Tetrachloride	ND		1.1	5.3	μg/Kg		N/A	12/16/2004	SM\$3041210
Chlorobenzene	ND		1.1	5.3	μg/Kg		N/A	12/16/2004	SMS3041210
Chloroethane	ND		1.1	5.3	μg/Kg		N/A	12/16/2004	SMS3041210
Chloroform	ND		1.1	5.3	μg/Kg		N/A	12/16/2004	SMS3041210
	ND		3.1		μg/Kg	s N/A	N/A	12/16/2004	SMS3041210

Detection Limit - Detection Limit for Reporting. DF = Dilution and/or Prop Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

ENTECH

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Sample ID: SB-4-2 Lab#: 41690-001

I

Fax: (408) 588-0201 Phone: (408) 588-0200

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Sample Date: 12/15/2004 12:00 PM Matrix: Solid

Method: EPA 8260B / EPA 5			Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Parameter	A	lag DF		μg/Kg	N/A	N/A	12/16/2004	SMS3041216
cis-1,2-Dichloroethene	ND	1.1	5.3	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
cis-1,3-Dichloropropene	ND	1,1	5.3	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Cyclohexanone	ND	1.1	43	μg/Kg μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Dibromochloromethanc	ND	1.1	5.3	μg/Kg μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Dibromomethane	ND	1.1	5.3		N/A	N/A	12/16/2004	SMS3041216
Dichlorodifluoromethane	ND	1,1	5.3	μg/Kg μg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
Diisopropyl Ether	ND	1.1	5.3		N/A	N/A	12/16/2004	SM\$3041216
Ethyl Benzene	ND	1.1	5.3	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Freon 113	ND	1.)	5.3	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
Hexachlorobutadione	ND	1.1	5.3	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Iodomethane	ND	1.1	43	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Isopropanol	ND	1.1	110	μg/K.g		N/A	12/16/2004	SMS3041216
Isopropylbenzene	ND	1.1	5.3	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Mothyl-t-butyl Ether	ND	1,1	5.3	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Methylene Chloride	ND	1.1	27	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
n-Butylbenzene	ND	1.1	5.3	µg/Kg	N/A		12/16/2004	SMS3041216
n-Propylbenzene	ND	1.1	5.3	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Naphthalene	NĎ	1,1	5.3	µg∕Kg	N/A	N/A	12/16/2004	SMS3041216
p-lsopropyltoluene	ND	1.1	5.3	µg∕Kg	N/A	N/A	12/16/2004	SMS3041216
Pentachloroethane	ND	1,1	5.3	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
sec-Butylbenzene	NĎ	1.1	5.3	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Styrene	ND	1.1	5.3	µg/Kg	N/A	N/A		SM\$3041216
tert-Amyl Methyl Ether	ND	1.1	5.3	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
tert-Butanol (TBA)	ND	1.1	43	µg/Kg		N/A	12/16/2004	SMS3041216
tert-Butyl Ethyl Ethor	ND	1.1	5.3	µg/Kg		N/A	12/16/2004	SM\$3041216
tert-Butylbenzene	ND	1,1	5.3	μg/Kg		N/A	12/16/2004	
Tetrachloroethene	ND	1.1	\$.3	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Tetrahydrofuran	ND	1.1	43	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Tolucne	ND	1.1	5.3	μ <u>g</u> /Kg		N/A	12/16/2004	SM\$3041216
trans-1,2-Dichloroethene	ND	1,1	5.3	μg/K.g		N/A	12/16/2004	SMS3041216
trans-1,3-Dichloropropene	ND	1.1	5.3	µg/Kg	N/A	N/A	12/16/2004	5MS3041216
trans-1,4-Dichloro-2-butene	ND	1,1	43	μg/K.g	N/A	N/A	12/16/2004	SMS3041216
Trichloroethene	ND	1.1		μg/Kg	, N/A	N/A	12/16/2004	\$M\$3041216
Trichlorofluoromethanc	ND	1.1	5.3	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
	ND	1.1		μg/Kg	, N/A	N/A	12/16/2004	SMS3041210
Vinyl Chloride	ND	1,1		μg/Kg		N/A	12/16/2004	\$MS3041210
Xylenes, Total	Surrogate Recovery		Limits (%)				Analyzed by: E	ÊLA
Surrogate 4-Bromofluorobenzene	106	75	- 125				Reviewed by: 1	ΛTŲ
	99.5	75	- 125					
Dibromofluoromethane	114	75	- 125					
Toluene-d8	114	15	- 125					

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41690-001

Method: GC-MS **OC** Batch Analysis Date Prep Batch **Prep Date** Units **Detection Limit** DF Flag Result SM\$3041216 Parameter 12/16/2004 N/A N/A µg/KG 53 1.1 ND TPH us Gasoline Analyzed by: BELA Control Limits (%) Surrogate Recovery Surrogate Reviewed by: MTU 75 - 125 106 4-Bromofluorobcnzene 75 - 125 99.5 Dibromofluoromethane - 125 75 114 Tolucne-d8

P.05/66

Fax: (408) 588-0201 Phone: (408) 588-0200

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Sample Date: 12/15/2004 12:00 PM Matrix: Solid Sample ID: SB-4-2

Detection Limit = Detection Limit for Reporting. DF = Dilution and/or Prep Factor including sample volume adjustments.

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41690-002	Sample ID: SB-4-7	7			ľ	Matrix: Solid	Sample I	Date: 12/15/2004	12:03 PW
	. (Extractable) / EPA 354	5 / Pre	ssurized	Fluid Extraction, I	MeCl	Duem Dutt	Prep Batch	Analysis Date	QC Batch
Parameter	Result I	lag	DF	Detection Limit	Units	Prep Date	1. A	12/18/2004	D\$4480B
	ND		1	2.5	mg/Kg	12/16/2004	D\$4480B		
TPH as Dicsel			ĩ	10	mg/Kg	12/16/2004	DS4480B	12/18/2004	DS4480B
TPH as Motor Oil	22							Analyzed by: Jhsiang	
Surrogate	Surrogate Recovery	C	ontrol Li	mits (%)					
o-Terphenyl	86.5		41 -	137				Reviewed by: LGLA	NIL

Detection Limit = Detection Limit for Reporting. DF = Dilution and/or Prep Factor including sample volume adjustments.

Fax: (408) 588-0201 Phone: (408) 588-0200

> Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

12/15/2004 12:05 PM -.

Project Number: 241.062.02.002

P.06/66

P.07/66

Entech Analytical Labs, Inc. 3334 Victor Court, Santa Clara, CA 95054 Ph

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41690-002 Sample ID: SB-4-7

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Matrix: Solid Sample Date: 12/15/2004 12:05 PM

Method: EPA 8260B / EPA 5035A			DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Parameter	Result	Flag	DF	5.4	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,1,1,2-Tetrachloroethanc	NĎ		1.1		με/Kg με/Kg	N/A	N/A	12/16/2004	\$M\$3041216
1,1,1-Trichloroethanc	ND		1.1	5.4	µg/Кg	N/A	N/A	12/16/2004	SM\$3041216
1,1,2,2-Tetrachloroethane	NĎ		1.1	5.4	μg/Kg μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1,2-Trichlorocthane	ND		1.1	5.4	μg/⊼g μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1-Dichloroethane	ND		1.1	5.4	µg/⊼g µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,1-Dichloroethene	ND		1.1	5.4	μg/Kg μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,1-Dichloropropene	ND		1.1	5.4	μg/Kg	N/A	N/A	12/16/2004	\$MS3041216
1,2,3-Trichlorobenzene	ND		1.1	5.4		N/A	N/A	12/16/2004	SM\$3041216
1,2,3-Trichloropropane	ND		1.1	5,4	μ g/Kg	N/A	N/A	12/16/2004	\$M\$3041216
1,2,4-Trichlorobenzene	ND		1,1	5.4	µg/Kg	N/A	N/A	12/16/2004	SM53041216
1,2,4-Trimethylbonzene	ND		1.1	5.4	µg/Kg	N/A	N/A	12/16/2004	SMS3041210
1,2-Dibromo-3-Chloropropane	ND		1.1	5.4	µg/K.g	N/A	N/A	12/16/2004	SMS3041216
1,2-Dibromoethane (EDB)	ND		1.1	5.4	µg/Kg		N/A	12/16/2004	SMS3041216
1,2-Dichlorobenzene	ND		1.1	5.4	µg/Kg	N/A	N/A	12/16/2004	SMS3041210
1,2-Dichloroethane	ND		1.1	5.4	µg/Kg	N/A	N/A	12/16/2004	SM\$3041210
1,2-Dichloropropane	ND		1.1	5.4	μg/Kg	N/A	N/A	12/16/2004	SMS304121
1,3,5-Trimethylbenzene	ND		1.1	5.4	μg/Kg	N/A	N/A	12/16/2004	SMS304121
1,3-Dichlorobenzene	ND		1.1	5.4	µg/Kg	N/A	N/A	12/16/2004	SMS304121
1,3-Dichloropropane	ND		1,1	5.4	µg/Kg	N/A	N/A	12/16/2004	SMS304121
1,4-Dichlorobenzene	ND		1.1	5,4	µg/Kg	N/A	N/A N/A	12/16/2004	SMS304121
1,4-Dioxane	ND		1,1	110	µg/Kg	N/A	N/A	12/16/2004	SM\$304121
2,2-Dichloropropane	ND		1.1	5.4	µg/Kg	N/A	N/A N/A	12/16/2004	SMS304121
2-Butanone (MEK)	ND		1.1	43	µg/Kg	N/A		12/16/2004	SM\$304121
2-Chloroethyl-vinyl Ether	ND		1.1	5,4	µg/Kg	N/A	N/A N/A	12/16/2004	SMS30412
2-Chlorotoluene	ND		1.1	5,4	µg/K.g	N/A	N/A N/A	12/16/2004	SMS30412
2-Hexanone	ND		1.1	43	µg/Kg	N/A	N/A N/A	12/16/2004	SM\$30412
4-Chlorotoluene	ND		1,1	5.4	μg/Kg	N/A		12/16/2004	SMS30412
4-Methyl-2-Pentanone(MIBK)	NĎ		1.1	43	µg/Kg	N/A	N/A	12/16/2004	SMS30412
Acetone	ND		1.1	110	µg/Kg	N/A	N/A N/A	12/16/2004	\$M\$30412
Acctonitrile	ND		1,1	43	μg/Kg	N/A		12/16/2004	SM\$30412
Acrolein	ND		1,1	5.4	µg/Kg	N/A	N/A	12/16/2004	SMS30412
Acrylonitrile	ND		1.1	5,4	µg/Kg		N/A N/A	12/16/2004	SMS30412
Benzene	ND		1.1	5.4	µg/Kg			12/16/2004	SMS30412
Benzyl Chloride	ND		1,1	5.4	µg/Kg		N/A	12/16/2004	SM\$30412
Bromobenzone	ND		1.1	2 5.4	μg/Kg		N/A	12/16/2004	SMS30412
Bromochloromethane	ND		1.1	5,4	µg/Kg		N/A	12/16/2004	SMS30412
Bromodichloromethane	ND		1.1	5.4	µg/Кg		N/A	12/16/2004	\$M\$30412
Bromoform	ND		1.1	5.4	µg/Kg		N/A	12/16/2004	SMS30412
Bromomethane	ND		1,1		µg/Kg		N/A	12/16/2004	SM\$30412
Carbon Disulfide	ND		1.1		µg/Кg		N/A	12/16/2004	SMS30412
Carbon Tetrachloride	ND		1.1		µg/Kg		N/A	12/16/2004	SM\$3041
Chlorobenzenc	ND		1.1		µg/Kg		N/A	12/16/2004	SMS3041
Chloroethane	ND		1.1		μg/Kg		N/A	12/16/2004	SM\$3041
Chloroform	ND		1.1		µg/Kg		N/A	12/16/2004	SMS3041
Chloromethane	ND		1.1	\$.4	µg/Kş	, 'N/A	N/A	12/10/2004	01-100 + 1 -

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Sample ID: SB-4-7 Lab #: 41690-002

¢. Т.

Fax: (408) 588-0201 Phone: (408) 588-0200

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Sample Date: 12/15/2004 12:05 PM Matrix: Solid

fethod: EPA 8260B / EPA 5		DF	Detection Limit	Units	Prop Date	Prep Batch	Analysis Date	QC Batch
arameter	and the second s	<u></u>	5.4	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
s-1,2-Dichloroethenc	NĎ		5,4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
is-1,3-Dichloropropenc	ND	1.1	43	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
lyclohexanone	ND	1.1	43 5.4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Dibromochloromothane	ND	1.1	5,4	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
Dibromomethane	ND	1.1		μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Dichlorodifluoromethane	ND	1.1	5.4	µg∕Кg µg/Кg	N/A	N/A	12/16/2004	SMS3041210
Diisopropyl Ether	ND	1.1	5,4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Ethyl Bonzene	ND	1.1	5,4	µg/⊼g µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Freon 113	ND	1.1	5.4		N/A	N/A	12/16/2004	SMS3041216
Hexachlorobutadiene	ND	1,1	5.4	µg/Kg	N/A	N/A	12/16/2004	SM\$3041210
lodomethane	ND	1.1	43	µg∕Kg	N/A	N/A	12/16/2004	SMS304121
sopropanol	ND	1.1	110	μg/Kg	N/A N/A	N/A	12/16/2004	SMS304121
sopropylbenzene	ND	1,1	5.4	µg/Kg	N/A	N/A	12/16/2004	SMS304121
Methyl-t-buryl Ether	ND	1.1	5.4	µg/Kg	N/A	N/A	12/16/2004	SM\$304121
Methylene Chloride	ND	1,1	27	μg/Kg	N/A N/A	N/A	12/16/2004	SMS304121
n-Butylbenzene	ND	1.1	5.4	µg/Kg		N/A	12/16/2004	SMS304121
n-Propylbenzenc	ND	1.1	5.4	µg/Kg	N/A	N/A	12/16/2004	SM\$304121
Naphthalene	ND	1.1	5.4	μg/Kg	N/A	N/A	12/16/2004	SMS304121
p-isopropyitoluene	ND	1.1	5.4	µg/Kg	N/A	N/A	12/16/2004	SMS304121
Pentachloroethane	ND	1.1	5.4	µg/Kg	N/A	N/A	12/16/2004	SMS304121
sec-Butylbenzene	ND	1.1	5.4	μg/Kg	N/A	N/A N/A	12/16/2004	SM\$304121
Styrene	ND	1.1	5,4	µg/Kg	N/A	N/A N/A	12/16/2004	SMS304121
tert-Amyl Methyl Ether	ND	1.1	5.4	μg/Kg			12/16/2004	SMS304121
tert-Butanol (TBA)	ND	1.1	43	μg/Kg		N/A	12/16/2004	SMS304121
tert-Butyl Ethyl Ether	ND	1,1	5.4	µg∕Kg		N/A	12/16/2004	SMS304121
tort-Butylbenzonc	NĎ	1.1	5.4	μ g /K.g		N/A	12/16/2004	SMS304121
Tetrachloroethene	ND	1.1	5.4	μg/Kg		N/A	12/16/2004	SMS30412
Tetrahydrofuran	ND	1.1	43	μ <u></u> ξ/К₿		N/A	12/16/2004	SMS30412
Toluene	ND	1.1	5.4	µg/Kg		N/A	12/16/2004	SMS30412
trans-1,2-Dichlorocthene	ND	1.1	5.4	µg/Kg		N/A	12/16/2004	SMS30412
trans-1,3-Dichloropropene	ND	1.1	5.4	μg/Kg		N/A	12/16/2004	SM\$30412
trans-1,4-Dichloro-2-butene	ND	1.1	43	µg/Kg		N/A		SMS30412
Trichloroethene	ND	1,1	5,4	μg/Kg		N/A	12/16/2004	SMS30412
Trichlorofluoromethane	ND	1.1	5.4	με/Κε		N/A	12/16/2004	SMS30412 SMS30412
Vinyl Chloride	ND	1.1	5.4	μg/K		N/A	12/16/2004	SMS30412
Xylencs, Total	ND	1.1	11	µg/Kg	N/A	N/A	12/16/2004	
Surrogate	Surrogate Recovery		Limits (%)				Analyzed by: B	
4-Bromofluorobenzenc	102	75	- 125				Reviewed by: N	ATU
Dibromofluoromethane	105	75	- 125					
Toluene-d8	107	75	- 125					

Sample ID: SB-4-7

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41690-002

Fax: (408) 588-0201 Phone: (408) 588-0200

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Sample Date: 12/15/2004 12:05 PM Matrix: Solid

Method: GC-MS						***	Dere Dete	Prep Batch	Analysis Date	OC Batch
Parameter	Result	Flag	DĬ	î.	Detection Limit	Units	Prep Date		h	
TPH as Gasoline	ND		1.1		54	μg/KG	N/A	N/A	12/16/2004	SM\$3041216
Surrogate	Surrogate Recovery	C	ontro	l Li	mits (%)				Analyzed by: BEL	A
4-Bromofluorobenzene	102		75	-	125				Reviewed by; MT	υ
Dibromofluoromethane	105		75	-	125					
Toluenc-d8	107		75	-	125					

Detection Limit = Detection Limit for Reporting. DF = Dilution and/or Prep Factor including sample volume adjustments.

a)

Sample ID: SB-5-2

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41690-003

Fax: (408) 588-0201 Phone: (408) 588-0200

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Sample Date: 12/15/2004 1:40 PM Matrix: Solid

	OD. (Extractable) / EPA 3 Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Parameter	······································	T. Bell		2.5	mg/Kg	12/17/2004	D\$4481A	12/18/2004	D\$4481A
TPH as Diescl	ND		100 C		• •		DEADELA	12/18/2004	D\$4481A
TPH as Motor Oil	ND		1	10	mg/Kg	12/17/2004	DS4481A		
Surrogate	Surrogate Recovery	C	ontrol L	imits (%)				Analyzed by: Jhsia	ng
o-Terphonyl	88.0	-	41 -	197				Reviewed by: LGL	ANTZ

ENTECH

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PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41690-003 Sample ID: SB-5-2

Method: EPA 8260B / EPA 5035A / Purge & Trap

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Matrix: Solid Sample Date: 12/15/2004 1:40 PM

Method: EPA 8260B / EPA 5035A		Flag DF	Detection Limit	Units	Prop Date	Prep Batch	Analysis Date	QC Batch
arameter 1,1,2-Tetrachloroethanc	ND	0.79	3.9	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
	ND	0.79	3.9	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1-Trichloroethane	ND	0.79	3.9	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,2-Tetrachloroethane	ND	0.79	3.9	µg/Kg	N/A	N/A	12/16/2004	SM\$3041210
,1,2-Trichloroethanc	ND	0,79	3.9	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
,1-Dichlorocthane	ND	0.79	3.9	μg/Kg	N/A	N/A	12/16/2004	SM\$3041210
,1-Dichloroethene	ND	0.79	3.9	µу/Кg	N/A	N/A	12/16/2004	\$M\$3041210
,1-Dichloropropene		0.79	3.9	µg/Kg	N/A	N/A	12/16/2004	SMS304121
,2,3-Trichlorobenzenc	ND	0.79	3.9	μg/Kg	N/A	N/A	12/16/2004	SM\$304121
,2,3-Trichloropropane	ND	0.79	3.9	μg/Kg	N/A	N/A	12/16/2004	SMS304121
1,2,4-Trichlorobenzene	ND		3.9	μ <u>σ</u> /Kg	N/A	N/A	12/16/2004	SM\$304121
,2,4-Trimethylbenzone	ND	0,79	3.9	μ <u>g</u> /Kg	N/A	N/A	12/16/2004	SMS304121
.2-Dibromo-3-Chloropropane	ND	0.79	3.9	µg/Kg	N/A	N/A	12/16/2004	SM\$304121
1,2-Dibromoethane (EDB)	ND	0.79		μg/Kg	N/A	N/A	12/16/2004	SMS304121
1,2-Dichlorobenzené	ND	0.79		μg/Kg	N/A	N/A	12/16/2004	SM\$304121
I,2-Dichloroethanc	ND	0.79		μg/Kg	N/A	N/A	12/16/2004	SMS304121
1,2-Dichloropropane	ND	0.79			N/A	N/A	12/16/2004	SM\$304121
1,3,5-Trimethylbenzene	ND	0.79		μg/Kg	N/A	N/A	12/16/2004	SMS304121
1,3-Dichlorobenzene	ND	0.79		µg/Kg	N/A	N/A	12/16/2004	SM\$30412
1,3-Dichloropropane	ND	0.79		μg/Kg		N/A	12/16/2004	SMS30412
1,4-Dichlorobenzene	ND	0.79		μg/Kg	N/A	N/A	12/16/2004	SM530412
1,4-Dioxane	ND	0.79		µg/Kg	N/A	N/A	12/16/2004	SMS30412
2,2-Dichloropropane	ND	0.79		µg/Kg	N/A	N/A N/A	12/16/2004	SMS30412
2-Butanone (MEK)	ND	0.79		µg/Kg	N/A	N/A	12/16/2004	\$M\$30412
2-Chloroethyl-vinyl Ether	ND	0.79		µg/Kg	N/A	N/A	12/16/2004	SM\$30412
2-Chlorotoluene	ND	0.79		μg/Kg	N/A		12/16/2004	SMS30412
2-Hexanone	ND	0.79		μg/Kg	N/A	N/A	12/16/2004	SM\$30412
4-Chlorotolucac	ND	0.79		µg/Kg	N/A	N/A	12/16/2004	SMS30412
4-Methyl-2-Pentanone(MIBK)	ND	0.75		µg/Kg	N/A	N/A		SMS30412
Acctone	ND	0.7		μg/Kg	N/A	N/A	12/16/2004	\$M\$30412
Acetonitrile	ND	0.79		µg/Kg	N/A	N/A	12/16/2004	SMS30412
Acrolein	ND	0.7		μg/Kg	N/A	N/A	12/16/2004	5M\$30412
Acrylonitrile	ND	0.7		µg/Kg	N/A	N/A	12/16/2004	SM\$30412 SM\$30412
Benzonc	ND	0.7	9 3.9	μg/K.g	N/A	N/A	12/16/2004	
Benzyl Chloride	ND	0.7	9 3,9	µg/Kg	N/A	N/A	12/16/2004	SMS30412
Bromobenzenc	ND	0.7	9 3.9	µg/Kg	N/A	N/A	12/16/2004	SMS30412
Bromochloromethanc	ND	0.7	9 3.9	µg/Kg	N/A	N/A	12/16/2004	SMS30412
Bromodichloromethanc	ND	0.7	9 3.9	µg/Kg	N/A	N/A	12/16/2004	SMS30412
Bromoform	ND	0.7	9 3.9	µg/Kg		N/A	12/16/2004	SMS30412
Bromomethane	ND	0.7	9 3.9	µg/Kg		N/A	12/16/2004	SMS30412
Carbon Disulfide	ND	0.7	9 3.9	µg/Kg	N/A	N/A	12/16/2004	SMS30412
Carbon Tetrachloride	ND	0.7		μg/Kg	N/A	N/A	12/16/2004	SMS30412
Chlorobenzene	ND	0.7		μg/Kg		N/A	12/16/2004	\$M\$30412
Chloroethane	ND	0,7		μg/Kg		N/A	12/16/2004	SMS30412
Chloroform	ND	0.7		µg/Kg		N/A	12/16/2004	SM\$30412
Chloromethanc	ND	0.7		μg/Kg		N/A	12/16/2004	SMS30412

Detection Limit = Detection Limit for Reporting. DF = Dilution and/or Prep Factor including sample volume adjustments. ND = Not Detected at or above the Detection Limit.

12/22/2004 4:42:55 PM - Iglantz

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab # ; 41690-003 Sample ID: SB-5-2

Method: EPA 8260B / EPA 5035A / Purge & Tran

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Matrix: Solid Sample Date: 12/15/2004 1:40 PM

Method: EPA 8260B / EPA				Detuction Fimit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Parameter	Result)F	Detection Limit	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
is-1,2-Dichloroethenc	ND		79	3.9		N/A	N/A	12/16/2004	SMS3041216
sis-1,3-Dichloropropene	ND		.79	3.9	µg/Kg	N/A	N/A	12/16/2004	5M\$3041216
Cyclohexanone	ND		.79	32	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Dibromochloromethane	ND		.79	3.9	µg/Kg	N/A N/A	N/A	12/16/2004	SMS3041216
Dibromomethane	ND		.79	3.9	µg/Kg	N/A N/A	N/A	12/16/2004	SMS3041216
Dichlorodifluoromethanc	ND		.79	3.9	µg/Kg		N/A	12/16/2004	SMS3041216
Diisopropyl Ether	ND		.79	3.9	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Ethyl Benzene	ND		.79	3.9	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Freon 113	ND		.79	3.9	µg/Kg	N/A	N/A N/A	12/16/2004	SMS3041216
Hexachlorobutadiene	ND		.79	3.9	μ g/ Kg	N/A		12/16/2004	SMS3041216
Iodomethane	ND		.79	32	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Isopropanol	ND).79	79	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Isopropylbenzene	ND		0.79	3.9	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Methyl-t-butyl Ether	ND	•).79	3.9	μg/Kg	N/A	N/A		SMS3041216
Methylone Chloride	ND).79	20	µg/Kg		N/A	12/16/2004	SM\$3041216
n-Butylbenzonc	ND).79	3.9	μg/Kg		N/A	12/16/2004	
n-Propylbenzene	ND		0,79	3.9	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Naphthalonc	NĎ		0.79	3.9	μg/Kg		N/A	12/16/2004	SMS3041216
p-isopropyltoluenc	ND		0.7 9	3.9	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Pentachloroethans	ND		0,79	3.9	μg/K.g		N/A	12/16/2004	SM\$3041216
sec-Butylbenzene	ND		0.79	3.9	μ g/Kg	N/A	N/A	12/16/2004	SMS3041216
Styrene	ND		0.79	3.9	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
tert-Amyi Methyl Ether	ND		0.79	3.9	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
tert-Butanol (TBA)	ND		0,79	32	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
tert-Butyl Ethyl Ether	ND		0.79	3.9	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
tert-Butylbenzene	NĎ		0.79	3.9	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
Tetrachloroethene	ND		0.79	3,9	μg/Kg		N/A	12/16/2004	SMS3041216
	ND		0.79	32	µg/Кg		N/A	12/16/2004	SM\$3041216
Tetrahydrofuran	ND		0.79	3,9	μg/Kg		N/A	12/16/2004	SM\$3041216
Toluene	ND		0.79	3.9	μg/Kg		N/A	12/16/2004	SMS3041216
trans-1,2-Dichloroethene	ND ND		0.79	3.9	μg/K	-	N/A	12/16/2004	SMS3041216
trans-1,3-Dichloropropene			0.79	32	μg/Kg	-	N/A	12/16/2004	SMS3041216
trans-1,4-Dichloro-2-butene	ND		0.79	3.9	μg/K		N/A	12/16/2004	\$M\$3041216
Trichloroethene	ND		0.79	3.9	μ g/ Κ	9	N/A	12/16/2004	SM\$3041216
Trichlorofluoromethane	ND		0.79	3.9	μg/K	5	N/A	12/16/2004	SMS3041216
Vinyl Chloride			0.79	7.9	µg/K	_	N/A	12/16/2004	SMS3041216
Xylencs, Total	ND			7.9 Limits (%)	MB/ IN			Analyzed by; BELA	
Surrogate	Surrogate Recover;			- 125				Reviewed by: N	
4-Bromofluorobenzene	103		. –	- 125				Keviewed by. I	
Dibromofluoromethanc	102								
Toluene-d8	113		75	- 123					

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41690-003

Fax: (408) 588-0201 Phone: (408) 588-0200

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Sample Date: 12/15/2004 1:40 PM Matrix: Solid Sample ID: SB-5-2

Method: GC-MS								D. Detab	Analysis Date	OC Batch
Parameter	Result	Flag	DI	7	Detection Limit	Units	Prep Date	Prep Batch		SMS3041216
TPH as Gasoline	ND		0.7	9	39	µg/KG	N/A	N/A	12/16/2004	510155041210
Surrogate	Surrogate Recovery	Ço	ntro	l Li	mits (%)				Analyzed by: BEI	A
4-Bromofluorobenzene	103		75	4	125				Reviewed by: MI	ט
Dibromofluoromethane	102		75	•	125					
Toluenc-d8	113		75	-	125					

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Project Number: 241.062.02.002 Project Name:

Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Lab#: 41690-004	Sample ID: SB-5	5-7			ľ	Matrix: Solid	Sample I	Date: 12/15/2004	1:45 PM
Method: EPA 8015 MOI). (Extractable) / EPA 3	545 / P	ressuriz				D Detek	Analysis Date	OC Batch
Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch		
	ND		1	2.5	mg/Kg	12/17/2004	DS4481A	12/20/2004	DS4481A
TPH as Diesel			1.0			12/17/2004	DS4481A	12/20/2004	DS4481A
TPH as Motor Oil	ND		1	10	mg/Kg	12/11/2004	portunt	141	
Surrogate	Surrogate Recovery		Control	Limits (%)				Analyzed by: Jhsian	;
o-Terphenyl	84.4		41	- 137				Reviewed by: LGLA	NTZ

ENTECH Entech Analytical Labs, Inc.

Phone: (408) 588-0200 Fax: (408) 588-0201

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41690-004 Sample ID: SB-5-7

Method: EPA 8260B / EPA 5035A / Purge & Trap

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Matrix: Solid Sample Date: 12/15/2004 1:45 PM

vlethod: EPA 8260B / EPA 5035A Parameter		Flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
,1,1,2-Tetrachloroethane	ND	0.83	4,1	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
,1,1-Trichloroethanc	ND	0.83	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
,1,2,2-Tetrachlorocthane	ND	0.83	4.1	μg/Kg	N/A	N/A	12/16/2004	SMS3041210
,1,2,2-Tetrachioroethane	ND	0.83	4.1	μg/Kg	N/A	N/A	12/16/2004	SMS304121
	ND	0.83	4.1	μg/Kg	N/A	N/A	12/16/2004	SMS304121
1.1-Dichloroethanc	NĎ	0,83	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS304121
1,1-Dichloroethene	ND	0.83	4.1	μg/Kg	N/A	N/A	12/16/2004	SMS304121
1,1-Dichloropropene	ND	0.83	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS304121
1,2,3-Trichlorobenzene		0.83	4.1	μg/Kg	N/A	N/A	12/16/2004	SM\$304121
1,2,3-Trichloropropane	NĎ	0.83	4,1	μg/Kg	N/A	N/A	12/16/2004	SMS304121
1,2,4-Trichlorobenzenc	ND		4.1	μg/Kg	N/A	N/A	12/16/2004	SMS304121
1,2,4-Trimethylbenzene	ND	0.83	4.1	µ <u>в</u> ∕К <u>е</u> µg/Кg	N/A	N/A	12/16/2004	SMS304121
1,2-Dibromo-3-Chloropropane	ND	0.83			N/A	N/A	12/16/2004	SMS304121
1,2-Dibromoethane (EDB)	ND	0.83	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS304121
1,2-Dichlorobenzene	ND	0.83	4.1	µg/Kg		N/A	12/16/2004	SMS304121
1.2-Dichloroethane	ND	0.83	4.1	µg/Kg	N/A		12/16/2004	SMS304121
1,2-Dichloropropane	ND	0.83	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS304121
1,3,5-Trimethylbenzenc	ND	0.83		µg/Kg	N/A	N/A		\$M\$304121
1,3-Dichlorobenzene	ND	0.83		µg/Kg	N/A	N/A	12/16/2004	SMS304121
1,3-Dichloropropane	ND	0.83		µg∕Kg	N/A	N/A	12/16/2004	SMS30412
1,4-Dichlorobenzene	ND	0.83		μ g/Kg	N/A	N/A	12/16/2004	
1,4-Dioxane	ND	0,83	83	µg/Kg	N/A	N/A	12/16/2004	SMS30412
2,2-Dichloropropane	ND	0,83		µg/Kg	N/A	N/A	12/16/2004	SMS30412
2-Butanone (MEK)	ND	0.83	33	µg/Kg	N/A	N/A	12/16/2004	SMS30412
2-Chloroethyl-vinyl Ether	ND	0,83	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS30412
2-Chlorotoluene	ND	0.83	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS30412
2-Hexanone	ND	0.83	33	µg/Kg	N/A	N/A	12/16/2004	SMS30412
4-Chlorotoluene	ND	0.83	4.1	µg/Kg	N/A	N/A	12/16/2004	SM\$30412
4-Methyl-2-Pentanone(MIBK)	ND	0.83	33	μg/Kg	N/A	N/A	12/16/2004	SMS30412
Acctone	ND	0.83	83	μg/Kg	N/A	N/A	12/16/2004	SMS30412
Acetoniuilo	ND	0,8		μg/Kg	N/A	N/A	12/16/2004	SMS30412
Acrolein	ND	0.83		µg/Kg	N/A	N/A	12/16/2004	SMS30412
Acrylonitrile	ND	0.83		µg/Kg	N/A	N/A	12/16/2004	\$M\$30412
Benzene	ND	0.8		µg/Kg	N/A	N/A	12/16/2004	SMS30412
Benzyl Chloride	ND	0.8		μg/Kg	N/A	N/A	12/16/2004	SMS30412
Bromobenzene	ND	0.8		μg/Kg		N/A	12/16/2004	SMS30412
Bromochloromethane	ND	0.8		μg/Kg	N/A	N/A	12/16/2004	SMS30412
Bromodichloromethane	ND	0.83		μg/Kg		N/A	12/16/2004	SMS30412
Bromoform	ND	0.8		µg/Kg		N/A	12/16/2004	SMS30412
Bromomethane	ND	0.8		μg/Kg		N/A	12/16/2004	SMS30412
Carbon Disulfide	ND	0.8		μg/Kg		N/A	12/16/2004	SMS30412
	ND	0.8		µg/Кg		N/A	12/16/2004	SMS30412
Carbon Tetrachloride	ND	0.8		μg/Kg		N/A	12/16/2004	SM\$30412
Chlorobenzene		0.8		μg/Kg		N/A	12/16/2004	SMS30412
Chloroethane	ND	0.8		μg/Kg		N/A	12/16/2004	SM\$30412
Chloroform	ND					N/A	12/16/2004	SM\$3041
Chloromethanc	ND	0.8	3 4.1	µg∕Kg	19/22	17/15	10,2007	

Detection Limit = Detection Limit for Reporting. DF = Dilution and/or Prep Factor including sample volume adjustments. ND = Not Detected at or above the Detection Limit.

12/22/2004 4;42:57 PM • lglantz

Result

ND

Surrogate Recovery

98.6

97.3

107

ENTECH

DF

0.83

0.83

0.83

0.83

0.83

0.83

0.83

0.83

0.83

0.83

0.83

0.83

0.83

0.83

0.83

0,83

0.83

0.83

0.83

75 -125

75 . 125

75 . 125

Control Limits (%)

Flag

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Sample ID: SB-5-7 Lab #: 41690-004

Method: EPA 8260B / EPA 5035A / Purge & Trap

Parameter

Cyclohexanone

Dibromomethane

tert-Butanol (TBA)

tert-Butylbenzene

Tetrachloroethene

Tetrahydrofuran

Trichloroethene.

Vinyl Chloride

Xylencs, Total

Surrogate

Yoluene-d8

Toluene

tert-Butyl Ethyl Ethcr

trans-1,2-Dichloroethene

Trichlorofluoromethane

4-Bromofluorobenzene

Dibromofluoromethane

Detection Limit = Detection Limit for Reporting.

trans-1,3-Dichloropropene

trans-1,4-Dichloro-2-butene

cis-1,2-Dichloroethene

cis-1,3-Dichloropropene

Dibromochloromethane

Dichlorodifluoromethane

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

	1	Matrix: Solid	Sample I	Date: 12/15/2004	1:45 PM
Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
4,1	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
4.1	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
33	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
4.1	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216

N/A

N/A

µg/Kg

μg/Kg

µg/Kg

µg/Kg

μg/Kg

µg/Kg

ug/Kg

µg/Kg

μg/Kg

µg/Kg

µg/Kg

µg/Kg

μg/Kg

μg/Kg

µg/Kg

N/A

Diisopropyl Ether	ND	0.83	4.1	μg/Kg	N/A	N/A	12/16/2004
Ethyl Benzene	ND	0.83	4.1	μg/Kg	N/A	N/A	12/16/2004
Freen 113	ND	0.83	4.1	μg/Kg	N/A	N/A	12/16/2004
Hexachlorobutadiene	ND	0.83	4.1	µg/Кg	N/A	N/A	12/16/2004
Iodomethane	ND	0.83	33	µg/Kg	N/A	N/A	12/16/2004
Isopropanol	ND	0.83	83	µg∕Kg	N/A	N/A	12/16/2004
Isopropylbenzene	ND	0.83	4.1	μg/Kg	N/A	N/A	12/16/2004
Methyl-t-butyl Ether	ND	0.83	4.1	µg/Kg	N/A	N/A	12/16/2004
Methylene Chloride	ND	0.83	21	μg/Kg	N/A	N/A	12/16/2004
n-Butylbenzene	ND	0.83	4.1	μg/Kg	N/A	N/A	12/16/2004
n-Propylbenzene	ND	0.83	4.1	µg/Kg	N/A	N/A	12/16/2004
Naphthalene	ND	0.83	4.1	με/Κε	N/A	N/A	12/16/2004
p-Isopropyltoluene	ND	0.83	4.1	µg/Kg	N/A	N/A	12/16/2004
Pentachloroethane	ND	0.83	4.1	μg/Kg	N/A	N/A	12/16/2004
scc-Butylbenzene	ND	0.83	4.1	μg/K.g	N/Λ	N/A	12/16/2004
Styrene	ND	0.83	4.1	μg/Kg	N/A	N/A	12/16/2004
tert-Amyl Methyl Ether	ND	0.83	4.1	µg/Кg	N/A	N/A	12/16/2004

33

4.1

4.1

4.1

33

4.1

4.1

4.1

33

4.1

4.1

4.1

8.3

4.1

4.1

DF = Dilution and/or Prep Factor including sample volume adjustments.

SMS3041216

SM\$3041216

SMS3041216

SMS3041216

SMS3041216

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12/16/2004

12/16/2004

12/16/2004

12/16/2004

12/16/2004

12/16/2004

12/16/2004

12/16/2004

12/16/2004

Analyzed by: BELA

Reviewed by: MTU

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Lab #: 41690-004 Sample ID: SB-5-7 Matrix: Solid Sample Date: 12/15/2004 1:45 PM

Method: GC-MS										
Parameter	Result	Fiag	DI	7	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasolinc	ND		0.8	3	41	µg/KG	N/A	N/A	12/16/2004	SMS3041216
Surrogate	Surrogate Recovery	C	ontro	I Li	mits (%)				Analyzed by: BEL	^
4-Bromofluorobenzene	98.6		75	-	125				Reviewed by: MT	ប
Dibromofluoromethanc	97.3		75		125					
Toluenc-d8	107		75	-	125					

P.17/66

Sample ID: SB-6-2

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Fax: (408) 588-0201 Phone: (408) 588-0200

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Sample Date: 12/15/2004 2:10 PM Matrix: Solid

Lab #: 41690-005	Sample ID: SB-6-2	2			N	Matrix: Solid	1 Sample I	Pator 12/10/2001	
Method: EFA 8015 MC	D. (Extractable) / EPA 354	5/Pre	essurized	Fluid Extraction, I	MeCl				OC Batch
		Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	
Parameter	ND		1	2.5	mg/Kg	12/17/2004	D\$4481A	12/22/2004	D\$4481A
TPH as Dicsel			ŝ.	10	mg/Kg	12/17/2004	DS4481A	12/22/2004	D\$4481A
TPH as Motor Oil	13				ing/ise			Analyzed by: Jhsia	no
Surrogate	Surrogate Recovery	Ç	ontrol L	imits (%)					
o-Terphonyl	90.8		41 -	137				Reviewed by: LGL	ANTZ

Detection Limit = Detection Limit for Reporting. DF = Dilution and/or Prep Factor including sample volume adjustments.

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Sample ID: SB-6-2 Lab #: 41690-005

Method: EPA 8260B / EPA 5035A / Purge & Trap

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Sample Date: 12/15/2004 2:10 PM Matrix: Solid

Method: EPA 8260B / EPA 5035A	Result	p Flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Parameter	ND	0.84	4.2	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,1,1,2-Tetrachlorocthane	ND	0.84	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1,1-Trichloroethane	ND	0.84	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1,2,2-Tetrachloroethanc	ЦИ DИ	0.84	4.2	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,1,2-Trichloroethane		0.84	4.2	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,1-Dichlorocthane	ND	0.84	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1-Dichloroethene	ND	0.84	4.2	μ <u>ε</u> /Κg	N/A	N/A	12/16/2004	SMS3041216
1,1-Dichloropropene	ND	0.84	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,3-Trichlorobenzene	ND		4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,3-Trichloropropane	ND	0.84	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,4-Trichlorobenzene	NĎ	0.84	4.2	μg/Kg μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,4-Trimethylbenzenc	ND	0.84		μg/Kg μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dibtomn-3-Chloropropane	ND	0.84		μg/Кg μg/Кg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dibromoethane (EDB)	ND	0.84		μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dichlorobenzene	ND	0.84		μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dichloroethane	ND	0,84		µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dichloropropane	ND	0.84			N/A	N/A	12/16/2004	SMS3041216
1,3,5-Trimethylbenzene	ND	0.84		µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,3-Dichlorobenzene	ND	0.84		µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,3-Dichloropropane	ND	0.84		µg/Kg	N/A N/A	N/A	12/16/2004	SM\$3041216
1,4-Dichlorobenzene	ND	0.84		µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,4-Dioxane	ND	0.84		µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
2,2-Dichloropropanc	ND	0.84		μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
2-Butanone (MEK)	ND	0.84		µg/Kg ua/Ka	N/A	N/A	12/16/2004	SMS3041216
2-Chlorocthyl-vinyl Ether	ND	0.8		μg/Kg	N/A	N/A	12/16/2004	SMS3041216
2-Chlorotolucne	ND	0.8		µg/Kg	N/A	N/A	12/16/2004	SMS3041216
2-Hexanone	ND	0.8		μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
4-Chlorotoluene	ND	0.8		µg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
4-Methyl-2-Pentanone(MIBK)	ND	0.8		µg/Kg		N/A	12/16/2004	SMS3041216
Acetone	ND	0.8		µg/Kg		N/A	12/16/2004	SMS3041216
Acctonitrile	ND	0.8		µg/Kg		N/A	12/16/2004	SM\$3041216
Acrolein	ND	0.8		µg/Kg		N/A N/A	12/16/2004	SMS3041216
Acrylonitrile	ND	0.8		μg/Kg		N/A	12/16/2004	SMS3041216
Benzene	ND	0.8		μg/Kg		N/A	12/16/2004	SMS3041216
Benzyl Chloride	ND	0.8		µg/Кg		N/A	12/16/2004	SM\$3041216
Bromobenzene	ND	0.8		µg/Кg		N/A	12/16/2004	SMS3041216
Bromochloromethane	ND	0.8		µg/Kg		N/A	12/16/2004	SMS3041216
Bromodichloromethane	ND	0,8		μg/Kg		N/A	12/16/2004	SMS3041216
Bromoform	ND	0.8		μg/Kg		N/A	12/16/2004	SM\$3041216
Bromomethane	ND	0.8		µg/Kg		N/A	12/16/2004	SMS3041216
Carbon Disulfide	ND	8.0		µg/K.g		N/A N/A	12/16/2004	SMS3041216
Carbon Tetrachloride	ND	0.8		µ <u></u> g/Кg		N/A N/A	12/16/2004	\$M\$3041216
Chlorobenzene	ND	8.0		μg/Kg		N/A	12/16/2004	SM\$3041216
Chloroethane	ND	0.8		µg/Kg	L 94.		12/16/2004	SMS3041216
Chloroform	ND	0.8		µg/Kg		N/A	12/16/2004	SMS3041216
Chloromethane	ND	0.8	4 4.2	µg/Kg	, N/A	N/A	12/10/2004	DIGDOVILATO

ND = Not Detected at or above the Detection Limit.

12/22/2004 4:42:59 PM - Iglantz

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Sample ID: SB-6-2 Lab #: 41690-005

d: EPA 8260B / EPA 5035A / Purge & Trap

Fax: (408) 588-0201 Phone: (408) 588-0200

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Sample Date: 12/15/2004 2:10 PM Matrix: Solid

Method: EPA 8260B / EPA 4	Result	Fiag Di	F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Parameter	ND	0.8		4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
sis-1,2-Dichloroethene		0.8		4,2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
cis-1,3-Dichloropropene	ND	0.8		34	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Cyclohexanone	ND	0.8		4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Dibromochloromethanc	ND			4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Dibromomethane	ND	8.0 8.0		4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Dichlorodifluoromethanc	ND			4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Diisopropyl Ether	ND	0.1		4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Ethyl Benzene	ND	0.5		4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Freon 113	ND		84	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Hexachlorobutadiene	NĎ		84		μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Iodomethane	ND		84	34		N/A	N/A	12/16/2004	SMS3041216
Isopropanoi	ND		84	84	µg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
Isopropylbenzene	ND		84	4,2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Methyl-t-butyl Ether	ND		84	4.2	μg/Kg		N/A	12/16/2004	SMS3041216
Methylene Chloride	ND		.84	21	μg/Kg		N/A	12/16/2004	SMS3041216
n-Butylbenzene	NĎ		.84	4.2	µg/Kg		N/A N/A	12/16/2004	SM\$3041216
n-Propylbonzene	ND		.84	4.2	µg/Кg			12/16/2004	SMS3041216
Naphthalene	ND		.84	4.2	µg/Kg		N/A	12/16/2004	SM\$3041216
p-Isopropylioluene	ND		.84	4.2	µg/Кg		N/A	12/16/2004	SMS3041216
Pentachlorocthane	ND	0	.84	4,2	µg/K.g		N/A	12/16/2004	SMS3041216
sec-Butylbenzene	ND	0	.84	4.2	μg/Kg		N/A	12/16/2004	SM\$3041216
Styrene	ND		.84	4.2	µg/Kg		N/A		SMS3041216
tert-Amyl Methyl Ether	ND		.84	4.2	μg/Kg		N/A	12/16/2004	SMS3041216
tert-Butanol (TBA)	ND	0	.84	34	µg/Kg		N/A	12/16/2004	SMS3041216
tert-Butyl Ethyl Ether	ND	0	.84	4.2	µg/Kg		N/A	12/16/2004	SMS3041216
tert-Butylbenzene	NĎ	0	.84	4.2	μg/Kg		N/A	12/16/2004	SMS3041210 SMS3041216
Tetrachlorocthene	ND	0	.84	4.2	µg/Кg		N/A	12/16/2004	SMS3041216
Tetrahydrofuran	ND	0	.84	34	μg/Kg		N/A	12/16/2004	
Toluene	ND	C	.84	4.2	μg/Kg		N/A	12/16/2004	\$M\$3041216
trans-1,2-Dichloroethene	ND	C),84	4.2	μ g/K g		N/A.	12/16/2004	SMS3041216
trans-1,3-Dichloropropene	ND	C).84	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
trans-1,4-Dichloro-2-butenc	ND	(.84	34	μg/Kg	g N/A	N/A	12/16/2004	SMS3041216
Trichloroethene	ND	().84	4.2	μg/Kg	3 N/A	N/A	12/16/2004	SM\$3041216
Trichlorofluoromethane	ND	().84	4.2	μg/Kg	g N/A	N/A	12/16/2004	SMS3041216
Vinyl Chloride	ND	(),84	4.2	μ g/K g	g N/A	N/A	12/16/2004	SMS3041216
Xylenes, Total	ND		0.84	8.4	µg/K	8 N/A	N/A	12/16/2004	SMS3041216
Surrogate	Surrogate Recover					ELA			
4-Bromofluorobenzene	107	75 - 125 Reviewed by: MTU				ITU			
Dibromofluoromethane	105	7							
Toluene-d8	114	7							

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PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41690-005 Sample ID: SB-6-2

Method: GC-MS QC Batch Analysis Date Prep Batch **Prep Date Detection Limit** Units DF Result Flag Parameter SM\$3041216 12/16/2004 N/A µg/KG N/A 42 ND 0.84 TPH as Gasoline Analyzed by: BELA Surrogate Recovery Control Limits (%) Surrogate 75 - 125 Reviewed by: MTU 107 4-Bromofluorobenzene 75 - 125 Dibromofluoromethanc 105 114 75 - 125 Toluene-d8

Detection Limit = Detection Limit for Reporting. DF = Dilution and/or Prep Factor including sample volume adjustments.

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

		1 D	OC Batab

Matrix: Solid Sample Date: 12/15/2004 2:10 PM

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PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Fax: (408) 588-0201 Phone: (408) 588-0200

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Lab #: 41690-006	Sample ID: SB-6	5-7		<i>2</i>]	Matrix: Solid	i Sample I	Date: 12/15/2004	2:15 PM		
Method: EPA 8015 MOD. (Extractable) / EPA 3545 / Pressurized Fluid Extraction, MeCi											
Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch		
TPH as Diesel	ND		100	250	mg/Kg	12/17/2004	DS4481A	12/20/2004	DS4481A		
TPH as Motor Oil	2600		100	1000	mg/Kg	12/17/2004	D\$4481A	12/20/2004	DS4481A		
Note: C16-C38,											
Surrogate	Surrogate Recovery		Control L	imits (%)				Analyzed by: Jhsian	g		
o-Terphenyl	105		41 -	137				Reviewed by: LGLA	NTZ		

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PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41690-006 Sample ID: SB-6-7

Method: EPA 8260B / EPA 5035A / Purge & Trap

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Matrix: Solid Sample Date: 12/15/2004 2:15 PM

Method: EPA 8260B / EPA 5035A Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachlorocthane	ND		0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,1,1-Trichloroethane	ND		0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,1,2,2-Tetrachloroethane	ND		0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1,2-Trichloroethanc	ND		0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,1-Dichlorocthane	ND		0,83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1-Dichloroethenc	ND		0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
1,1-Dichloropropene	ND		0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,3-Trichlorobenzene	ND		0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
1,2,3-Trichloropropane	ND		0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,4-Trichlorobenzene	NĎ		0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,4-Trimethylbenzene	ND		Q.83	4.2	µg/Kg	N/A	N/A	12/16/2004	\$MS3041216
1,2-Dibromo-3-Chloropropane	ND		0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dibromoethane (EDB)	ND		0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
	ND		0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,2-Dichlorobenzene	ND		0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dichloroethane	ND		0.83	4.2	µg/K.g	N/A	N/A	12/16/2004	SMS3041216
1,2-Dichloropropane	ND		0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,3,5-Trimethylbenzenc	ND		0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,3-Dichlorobenzenc	ND		0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,3-Dichloropropane	ND		0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,4-Dichlorobenzene	ND		0.83	83	μ <u>g</u> /Kg	N/A	N/A	12/16/2004	\$M\$3041216
1,4-Dioxane	ND		0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
2,2-Dichloropropane			0.83	33	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
2-Butanone (MEK)	ND		0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
2-Chloroethyl-vinyl Ether	NĎ		0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
2-Chlorotoluene	ND			33	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
2-Hexanone	ND		0.83		µg/Кg	N/A	N/A	12/16/2004	SMS3041216
4-Chlorotoluene	ND		0.83	4,2 33	μg/Kg μg/Kg	N/A	N/A	12/16/2004	SMS3041216
4-Methyl-2-Pentanone(MIBK)	ND		0.83	83	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Acctone	ND		0.83			N/A	N/A	12/16/2004	SMS3041210
Acctonitrile	ND		0.83	33	µg/Kg	N/A	N/A	12/16/2004	SMS3041210
Acrolein	ND		0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041210
Acrylonitrile	ND		0.83	4.2	μg/Kg μg/Kg	N/A	N/A	12/16/2004	SMS3041210
Benzene	ND		0.83	4.2 4.2		N/A	N/A	12/16/2004	SMS3041210
Benzyl Chloride	ND		0.83		µg/Kg	N/A	N/A	12/16/2004	SM\$304121
Bromobenzene	ND		0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS304121
Bromochloromethane	ND		0.83	4,2	µg/Kg	N/A N/A	N/A N/A	12/16/2004	SMS304121
Bromodichloromethanc	ND		0.83	4.2	µg/Kg		N/A	12/16/2004	SMS304121
Bromoform	ND		0.83	4.2	µg/Kg	N/A		12/16/2004	SM\$304121
Bromomethane	ND		0.83	4,2	µg/Kg	N/A	N/A	12/16/2004	SM\$304121
Carbon Disulfide	ND		0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$304121
Carbon Tetrachloride	ND		0.83	4.2	µg/Kg	N/A	N/A		\$M\$304121
Chlorobenzenc	ND		0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS304121
Chloroethane	ND		0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS304121 SMS304121
Chloroform	ND		0.83	4.2	µg/Kg		N/A	12/16/2004	
Chloromethane	ND		0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS304121

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

DF = Dilution and/or Prep Factor including sample volume adjustments.

ENTECH

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41690-006 Sample ID: SB-6-7

Method: EPA 8260B / EPA 5035A / Purge & Trap

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Matrix: Solid Sample Date: 12/15/2004 2:15 PM

Method: EPA 8260B / EPA	5035A / Purge & Tra	p				-	Analysis Date	OC Batch
Parameter	Result	Flag DF	Detection Limit	Units	Prep Date	Prep Batch	12/16/2004	SMS3041216
cis-1,2-Dichlorocthene	ND	0.83	4.2	µв/Кв	N/A	N/A	12/16/2004	SMS3041216
cis-1,3-Dichloropropene	ND	0.83	4,2	μg/Kg	N/A	N/A		SMS3041216
Cyclohexanone	ND	0.83	33	μg/K.g	N/A	N/A	12/16/2004	SMS3041216
Dibromochloromethane	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041210
Dibromomethane	ND	0.83	4,2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Dichlorodifluoromethanc	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	
Diisopropyl Ether	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Ethyl Benzene	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Freon 113	ND	0.83	4.2	µg/Кg	N/A	N/A	12/16/2004	SM\$3041216
Hexachlorobutadicne	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Iodomethanc	ND	0.83	33	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Isopropanol	ND	0.83	83	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Isopropylbenzene	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Methyl-t-butyl Ether	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Methylene Chloridc	ND	0.83	21	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
n-Butylbenzene	ND	0.83	4.2	μ g /Kg	N/A	N/A	12/16/2004	SMS3041216
	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
n-Propylbenzene	ND	0.83	4.2	μg/Kg		N/A	12/16/2004	SMS3041216
Naphthalene	ND	0.83	4.2	µg/Kg		N/A	12/16/2004	\$M\$3041216
p-lsopropyltoluene	ND	0.83	4.2	μg/Kg		N/A	12/16/2004	SMS3041216
Pentachlorocthane	ND	0.83	4.2	μg/Kg		N/A	12/16/2004	SMS3041216
sec-Butylbenzenc	ND	0.83	4.2	µg/Kg		N/A	12/16/2004	SM\$3041216
Styrene	ND	0.83	4.2	µg/Kg		N/A	12/16/2004	SMS3041216
tert-Amyl Methyl Ether		0.83	33	µg/Kg		N/A	12/16/2004	SM\$3041216
tert-Butanol (TBA)	ND	0.83	4.2	μg/Kg		N/A	12/16/2004	SMS3041216
tert-Butyl Ethyl Ether	ND	0.83	4.2	μg/Kg		N/A	12/16/2004	SMS3041216
tort-Butylbenzene	ND	0.83	4.2	μg/Kg		N/A	12/16/2004	SMS3041216
Tetrachlorocthene	ND		33	µg/Кg		N/A	12/16/2004	SMS3041216
Tetrahydrofuran	NĎ	0.83	4.2	μg/Kg		N/A	12/16/2004	\$M\$3041216
Toluene	ND	0.83	4.2	με/Kg		N/A	12/16/2004	SMS3041216
trans-1,2-Dichloroethene	ND	0.83	4.2	μg/Kg μg/Kg		N/A	12/16/2004	SMS3041216
trans-1,3-Dichloropropenc	ND	0.83		μg/Kg		N/A	12/16/2004	SMS3041216
trans-1,4-Dichloro-2-butene	ND	0.83		μg/⊼g μg/Kg	·	N/A	12/16/2004	SMS3041216
Trichloroethene	ND	0.83				N/A	12/16/2004	SMS3041216
Trichlorofluoromethane	ND	0.83		μg/Kg	,	N/A	12/16/2004	SMS3041216
Vinyl Chloride	ND	0.83		µg/Кg		N/A	12/16/2004	\$M\$3041216
Xylenes, Total	ND	0.83		µg/Kg	; N/A	N/A		
Surrogate	Surrogate Recovery		Limits (%)				Analyzed by: B	
4-Bromofluorobenzene	118		- 125				Reviewed by: N	nυ
Dibromofluoromethane	102	75	- 125					
Toluenc-d8	110	75	- 125					

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Lab #: 41690-006	Sample ID: SB-6-7					ľ	Matrix: Solid	Sample I	2:15 PM	
Method: GC-MS Parameter	Result	Flag	DI	7	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline			0.8	3	42	µg/КС	N/A	N/A	12/16/2004	SM\$3041216
Surrogate	Surrogate Recovery	C	ontro	l Ļi	mits (%)				Analyzed by: BELA	
4-Bromofluorobenzenc	118		75	•	125				Reviewed by: MTU	
Dibromofluoromethane	102		75	-	125					
Toluene-d8	110		75	•	125					

Phone: (408) 588-0200

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PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Sample ID: 6340 Shallow Comp Lab #: 41690-007

Method: EPA 8082A QC Batch Analysis Date **Prep Batch Detection Limit** Units **Prep Date** DF Flag Result Parameter PS7422A P\$7422A 12/16/2004 12/15/2004 0.1 mg/Kg Aroclor 1221 ND 1 PS7422A 12/16/2004 PS7422A 12/15/2004 mg/Kg 0.1 ND 1 Aroclor 1232 PS7422A P\$7422A 12/16/2004 mg/Kg 12/15/2004 ND 1 0.1 Aroclor 1242 12/16/2004 PS7422A PS7422A 0.1 mg/Kg 12/15/2004 Aroclor 1248 ND 1 PS7422A PS7422A 12/16/2004 12/15/2004 0.1 mg/Kg ND 1 Aroclor 1254 PS7422A 12/16/2004 P\$7422A 0.1 mg/Kg 12/15/2004 1 ND Aroclor 1260 PS7422A P\$7422A 12/16/2004 12/15/2004 mg/Kg 1 0.I ND Aroclor 1262 PS7422A 12/16/2004 PS7422A mg/Kg 12/15/2004 0.1 1 Aroclor 1268 ND Control Limits (%) Analyzed by: MTran Surrogate Recovery Surrogate 43 - 156 Reviewed by: MTU 84.7 Decachlorobiphenyl

P.26/66

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Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Matrix: Solid

Sample Date: 12/15/2004 2:20 PM

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Sample ID: GW-4-11 Lab#: 41690-008

Matrix: Liquid Sample Date: 12/15/2004 12:15 PM

Met

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Dicsel	22000		40	2000	µg/L	12/17/2004	DW4835A	12/20/2004	DW4835A
Note: C12-C34. TPH as Motor Oil	סא		40	10000	µg/L	12/17/2004	DW4835A	12/20/2004	DW4835A
Surrogate	Surrogate Recovery	(Control L	imits (%)	21			Analyzed by: Jhsia	ng
o-Terphenyl	105		22 -	133	r v			Reviewed by: LGL	ANTZ.

12/22/2004 4:43:05 PM - Iglantz

Fax: (408) 588-0201 Phone: (408) 588-0200

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

ethod: EPA 8015 MOD			Sep Funnel, MeCl Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
arameter	Result	Flag DF 40	2000	µg/L	12/17/2004	DW4835A	12/20/2004	DW4835A
PH as Dicsel Note: C12-C34.	22000	40	2000	μĘ	12/1//2001	2		
PH as Motor Oil	ND	40	10000	µg/L	12/17/2004	DW4835A	12/20/2004	DW4835A
Surrogate	Surrogate Recovery	Control	imits (%)	21			Analyzed by: Jhsia	ng
-Tcrphenyl	105	22 -	133	11			Reviewed by: LGL	ANTZ

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Certificate of Analysis - Data Report

Sample ID: GW-4-11 Lab#; 41690-008

TTA RIGAD / EDA SAJAR / Purge & Tran

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Matrix: Liquid Sample Date: 12/15/2004 12:15 PM

Method: EPA 8260B / EPA 5030	B / Purge & Trap					Dues Detek	Analysis Date	QC Batch
Parameter	Result F	lag DF	Detection Limit	Units	Prep Date	Prep Batch	12/17/2004	WM\$1041217
1,1,1,2-Tetrachloroethanc	ND	10	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1,1-Trichlorocthane	ND	10	\$	μǥ/L	N/A	N/A	12/17/2004	WM\$1041217
1,1,2,2-Tetrachloroethane	ND	10	5	µg/L	N/A	N/A	12/17/2004	WMS1041217
1,1,2-Trichloroethane	ND	10	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1-Dichlorocthane	ND	10	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1-Dichloroethene	ND	10	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1-Dichloropropene	ND	10	5	μg/L	N/A.	N/A	12/17/2004	WMS1041217
1,2,3-Trichlorobenzene	ND	10	50	μg/L	N/A	N/A		WMS1041217
1,2,3-Trichloropropane	NO	10	5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
1,2,4-Trichlorobenzene	ND	10	50	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2,4-Trimethylbonzene	ND	10	50	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dibromo-3-Chloropropane	ND	10	50	µg/L	N/A	N/A	12/17/2004	WMS1041217 WMS1041217
1,2-Dibromocthane (EDB)	ND	10	5	μg/L	N/A	N/A	12/17/2004	
1,2-Dichlorobenzenc	ND	10	5	μ <i>g/</i> L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dichloroethane	ND	10	5	μġ/L	N/A	N/A.	12/17/2004	WMS1041217
1,2-Dichloropropanc	'ND	10	5	բջ/ Լ	N/A	N/A	12/17/2004	WMS1041217
1,3,5-Trimethylbenzenc	NĎ	10	50	μg/Ĺ	N/A	N/A	12/17/2004	WM\$1041217
1,3-Dichlorobenzene	ND	10	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,3-Dichloropropane	ND	10	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,4-Dichlorobenzenc	ND	10	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,4-Dioxanc	ND	10	500	μg/Ĺ	N/A	N/A	12/17/2004	WMS1041217
2,2-Dichloropropane	ND	10	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
2-Butanone (MEK)	ND	10		μġ/L	N/A	N/A	12/17/2004	WM\$1041217
2-Chloroethyl-vinyl Ether	ND	10		µg/L	N/A	N/A	12/17/2004	WMS1041217
2-Chlorotoluene	ND	10		μg/L	N/A	N/A	12/17/2004	WMS1041217
2-Hexanone	ND	10		µg/L	Ň/A	N/A	12/17/2004	WM\$1041217
4-Chiorotoluene	ND	10		μg/L	N/A	N/A	12/17/2004	WM\$1041217
4-Methyl-2-Pentanone(MIBK)	ND	10		μg/L	N/A	N/A	12/17/2004	WMS1041217
Acetone	ND	10		μg/L	N/A	N/A	12/17/2004	WMS1041217
Acetonitrile	ND	10		μg/L	N/A	N/A	12/17/2004	WMS1041217
Acrolein	ND	10		µg/L	N/A	N/A	12/17/2004	WM\$1041217
	ND	10		μ <u>g</u> /L	N/A	N/A	12/17/2004	WMS1041217
Acrylonitrile	ND	10		μg/L	N/A	N/A	12/17/2004	WM\$1041217
Benzene Benzel Chlorida	ND	10		μg/L	N/A	N/A	12/17/2004	WMS1041217
Benzyl Chlorido	ND	10		μ g/ L	N/A	N/A	12/17/2004	WMS1041217
Bromobenzene	ND	10		µg/L		N/A	12/17/2004	WMS1041217
Bromochloromethane Bromodichloromethane	ND	10	_	μg/L	N/A	N/A	12/17/2004	WMS1041217
Bromoform	ND	10		µg/L	N/A	N/A	12/17/2004	WMS1041217
	ND	1		μg/L	N/A	N/A	12/17/2004	WMS1041217
Bromomethane Coston Disulfide	ND	1		μg/L	N/A	N/A	12/17/2004	WMS1041217
Carbon Disulfide	ND	1		μg/L		N/A	12/17/2004	WMS1041217
Carbon Tetrachloride	ND	1		μg/L		N/A	12/17/2004	WMS1041217
Chlorobenzenc	ND	1		μg/L		N/A	12/17/2004	WMS1041217
Chloroethane	ND	1		μg/L		N/A	12/17/2004	WMS1041217
Chloroform		Ţ		<u>µв</u> /L		N/A	12/17/2004	WMS1041217
Chloromethanc	ND	4		PE/ 0				

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Detection Limit = Detection Limit for Reporting. DF = Dilution and/or Prep Factor including sample volume adjustments.

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PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41690-008 Sample ID: GW-4-11

NOA 0360B / EDA 6030B / B 0. 00

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Matrix: Liquid Sample Date: 12/15/2004 12:15 PM

Method: EPA 8260B / EPA	5030B / Purge & Traj	•							
Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethenc	ND		10	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
cis-1,3-Dichloropropene	ND		10	5	μ <u></u> g/L.	N/A	N/A	12/17/2004	WMS1041217
Cyclohexanone	ND		10	200	µ g∕ L	N/A	N/A	12/17/2004	WMS1041217
Dibromochloromethane	ND		10	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Dibromomethane	ND		10	5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Dichlorodifluoromethanc	ND		10	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Diisopropyl Ether	ND		10	50	μg/L	N/A	N/A	12/17/2004	WMS1041217
Ethyl Benzene	ND		10	5	μg/L	N/A	Ň/A	12/17/2004	WM\$1041217
Freon 113	ND		10	10	μ g/L	N/A	N/A	12/17/2004	WMS1041217
Hexachlorobutadiene	ND		10	50	μg/L	N/A	N/A	12/17/2004	WM\$1041217
lodomethane	ND		10	10	μg/L	N/A	N/A	12/17/2004	WMS1041217
Isopropanol	ND		10	200	μg/L	N/A	N/A	12/17/2004	WMS1041217
Isopropylbenzene	ND		10	10	μք/Լ	N/A	N/A	12/17/2004	WM\$1041217
Methyl-t-butyl Ether	ND		10	10	μg/L	N/A	N/A	12/17/2004	WMS1041217
Methylene Chloride	ND		10	200	μg/L	N/A	N/A	12/17/2004	WM\$1041217
n-Butylbenzene	ND		10	50	μg/L	N/A	N/A	12/17/2004	WMS1041217
n-Propylbenzene	ND		10	50	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Naphthalene	ND		10	50	μg/L	N/A	N/A	12/17/2004	WMS1041217
p-Isopropyltoluene	ND		10	50	μg/L	N/A	N/A	12/17/2004	WMS1041217
Pentachloroethane	ND		10	5	μ <u>κ</u> /L	N/A	N/A	12/17/2004	WM\$1041217
scc-Butylbenzene	ND		10	50	μ <u>g</u> /L	N/A	N/A	12/17/2004	WM\$1041217
Styrene	ND		10	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
tert-Amyl Methyl Ether	ND		10	50	μg/L	N/A	N/A	12/17/2004	WMS1041217
tert-Butanol (TBA)	ND		10	100	μg/L.	N/A	N/A	12/17/2004	WMS1041217
tort-Butyl Ethyl Ether	ND		10	50	μg/L	N/A	N/A	12/17/2004	WMS1041217
tert-Butylbenzene	ND		10	50	μg/L	N/A	N/A	12/17/2004	WMS1041217
Tetrachloroethene	ND		10	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Tetrahydrofuran	ND		10	200	μg/L	N/A	N/A	12/17/2004	WMS1041217
Toluene	ND		10	5	 μg/L	N/A	N/A	12/17/2004	WMS1041217
trans-1,2-Dichloroethene	ND		10	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
trans-1.3-Dichloropropene	ND		10	5	μ <u>g</u> /L	N/A	N/A	12/17/2004	WMS1041217
trans-1,4-Dichloro-2-butene	ND		10	10	μ <u>g</u> /L	N/A	N/A	12/17/2004	WMS1041217
Trichloroethene	ND		10	5	µg/L	N/A	N/A	12/17/2004	WMS1041217
Trichlorofluoromethane	ND		10	5	μ <u>φ</u> /L	N/A	N/A	12/17/2004	WMS1041217
Vinyl Acetate	ND		10	50	μg/Ĺ	N/A	N/A	12/17/2004	WMS1041217
Vinyl Chloride	ND		10	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Xylenes, Total	ND		10	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
•	d due to nature of samp	le (foamv		•					
Surrogate	Surrogate Recovery			Limits (%)				Analyzed by: XB	
4-Bromofluorobenzene	87.6		75 -					Reviewed by: BI	
Dibromofluoromethane	90.1		-					ANTIOWED DY. DE	ra an hing barbi b
			-						

75 - 125

94.0

Toluene-d8

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Certificate of Analysis - Data Report

Sample ID: GW-4-11 Lab #: 41690-008

Matrix: Liquid Sample Date: 12/15/2004 12:15 PM

Method: GC-MS

Method: GC-MS							Barrow Darks	Prep Batch	Analysis Date	OC Batch
Parameter	Result	Flag	DI	7	Detection Limit	Units	Prep Date			
TPH as Gasolinc	ND		10)	250	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Surrogate	Surrogate Recovery	C	Control Limits (%)						Analyzed by: XBi	an
4-Bromofluorobenzenc	96.1		75	•	125				Reviewed by: BD	HABALIA
Dibromofluoromethane	89.3		75	-	125					
Toluene-d8	95.3		75	•	125					

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Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

3334 Victor Court , Santa Clara, CA 95054

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Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

and the second se			
Matrix: Liquid	Sample Date:	12/15/2004	1:50 PM

Lab #: 41690-009	Sample ID: GW	-5-12				Matrix: Liqu	id Sample I	Date: 12/15/2004	1:50 PM
Method: EPA 8015 MOD	. (Extractable) / EPA 3	510C / Li	q-Liq, ;	Sep Funnel, MeCl					
Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	9700		20	1000	µg/L	12/17/2004	DW4835A	12/20/2004	DW4835A
Note: C12-C34. TPH as Motor Oil	ND		20	5000	μg/Լ	12/17/2004	DW4835A	12/20/2004	DW4835A
Surrogate	Surrogate Recovery	Co	ntrol L	imits (%)				Analyzed by: Jhsian	5
o-Terphenyl	103		22 -	133				Reviewed by: LGLA	NTZ

Detection Limit = Detection Limit for Reporting. DF = Dilution and/or Prep Factor including sample volume adjustments.

P.32/66

Entech Analytical Labs, Inc.

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Lab #: 41690-009 Sample ID: GW-5-12

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Matrix: Liquid Sample Date: 12/15/2004 1:50 PM

Method: EPA 8260B / EPA 50301	B / Purge & Ti	rap							
Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1	0.5	μg/L,	N/A	N/A	12/17/2004	WM\$1041217
1.1.1-Trichloroethane	ND		1	0.5	µg/L	N/A	N/A	12/17/2004	WMS1041217
1,1,2,2-Tetrachloroethans	NĎ		1	0,5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1,2-Trichloroethane	ND		1	0.5	µg/L	N/A	N/A	12/17/2004	WMS1041217
1,1-Dichloroethane	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
1.1-Dichloroethene	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1-Dichloropropene	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2,3-Trichlorobenzene	ND		1	5	µg/L	N/A	N/A	12/17/2004	WMS1041217
1,2,3-Trichloropropane	ND		1	0.5	μ g/L	N/A	N/A	12/17/2004	WM\$1041217
1,2,4-Trichlorobenzene	ND		L	5	µg/L	N/A	N/A	12/17/2004	WMS1041217
1,2,4-Trimethylbenzene	ND		1	5	µg/L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dibromo-3-Chloropropane	ND		1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1.2-Dibromoethane (EDB)	NĎ		1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dichlorobenzene	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dichloroethane	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
1,2-Dichloropropane	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,3,5-Trimethylbenzene	ND		1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,3-Dichlorobenzene	ND		1	0.5	HB/L	N/A	N/A	12/17/2004	WMS1041217
1,3-Dichloropropane	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1.4-Dichlorobenzene	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
1,4-Dioxane	ND		1	50	μg/L	N/A	N/A	12/17/2004	WMS1041217
2,2-Dichloropropane	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
2-Butanone (MEK)	ND		1	20	μg/L	N/A	N/A	12/17/2004	WMS1041217
2-Chloroethyl-vinyl Ether	ND		1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
2-Chlorotoluene	ND		1	5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
2-Hexanone	ND		1	20	μg/L	N/A	N/A	12/17/2004	WMS1041217
4-Chlorotoluene	ND		1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
4-Methyl-2-Pentanone(MIBK)	ND		1	20	μg/L	N/A	N/A	12/17/2004	WMS1041217
Acetone	ND		1	20	μg/L	N/A	N/A	12/17/2004	WMS1041217
Acetonitrile	ND		1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Acrolcin	ND		1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Acrylonitrile	ND		1	5	µg/L	N/A	N/A	12/17/2004	WMS1041217
Benzene	2,8		1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Benzyl Chloride	ND		1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Bromobenzene	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Bromochloromethane	ND		1	0.5	μg/Ľ.	N/A	N/A	12/17/2004	WMS1041217
Bromodichloromethane	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Bromoform	ND		1	0.5	µg/L	N/A	N/A	12/17/2004	WMS1041217
Bromomethane	ND		1	0.5	μg/I,	N/A	N/A	12/17/2004	WMS1041217
Carbon Disulfide	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Carbon Tetrachloride	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Chlorobenzene	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Chloroethane	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Chloroform	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Chloromethane	ND		1	0.5	,υ μ g/L	N/A	N/A	12/17/2004	WM\$1041217

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab # : 41690-009 Sample ID: GW-5-12

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Matrix: Liquid Sample Date: 12/15/2004 1:50 PM

Method: EPA 8260B / EPA	5030B / Purge & Tra	ap						
Parameter	Result	Flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND	1	0.5	µg/L	N/A	N/A	12/17/2004	WMS1041217
cis-1,3-Dichloropropene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Cyclohexanoné	ND	1	20	μ g/ L	N/A	N/A	12/17/2004	WMS1041217
Dibromochloromethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Dibromomethane	ND	1	0.5	µք/Ն	N/A	N/A	12/17/2004	WMS1041217
Dichlorodifluoromethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Diisopropyl Ether	ND	1	5	µg/L	N/A	N/A	12/17/2004	WMS1041217
Ethyl Benzene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Froon 113	ND	1	1	µg/L	N/A	N/A	12/17/2004	WMS1041217
Hexachlorobutadiene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Iodomethane	ND	1	1	µg/L	N/A	N/A	12/17/2004	WMS1041217
Isopropanol	ND	1	20	μg/L	N/A	N/A	12/17/2004	WMS1041217
Isopropylbenzene	ND	1	1	μg/L	N/A	N/A	12/17/2004	WMS1041217
Methyl-t-butyl Ether	ND	1	1	μg/L	N/A	N/A	12/17/2004	WMS1041217
Methylene Chloride	NĎ	ı	20	µ ը/ Լ	N/A	N/A	12/17/2004	WMS1041217
n-Butylbenzene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
n-Propylbenzene	ND	1	5	µg/L	N/A	N/A	12/17/2004	WM\$1041217
Naphthalene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
p-isopropyltolucne	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Pentachloroethane	ND	I	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
scc-Butylbenzene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Styrenc	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
tert-Amyl Methyl Ether	ND	1	5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
tert-Butanol (TBA)	ND	1	10	µք/L	N/A	N/A	12/17/2004	WMS1041217
tert-Butyl Ethyl Ether	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
tert-Butylbenzene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Tetrachloroethene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Tetrahydrofuran	NĎ	ı	20	µg/L	N/A	N/A	12/17/2004	WMS1041217
Toluene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
trans-1,2-Dichloroethene	ND	1	0.5	μg/ĭ.	N/A	N/A	12/17/2004	WMS1041217
trans-1,3-Dichloropropene	ND	1	0.5	µg/L	N/A	N/A	12/17/2004	WMS1041217
trans-1,4-Dichloro-2-butene	ND	i	1	μg/L	N/A	N/A	12/17/2004	WMS1041217
Trichloroethene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Trichlorofluoromethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Vinyl Acetate	ND	I	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Vinyl Chloride	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Xylencs, Total	1.5	1	0.5	μ <u>g</u> /Ľ	N/A	N/A	12/17/2004	WMS1041217
Surrogate	Surrogate Recover	y Contr	ol Limits (%)				Analyzed by: XI	В
4-Bromofluorobenzene	91.3	75	- 125				Reviewed by: B	DHABALIA
Dibromofluoromethane								
	109	75	- 125 - 125					

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41690-009 Sample ID: GW-5-12

Matrix: Liquid Sample Date: 12/15/2004 1:50 PM

Method: GC-MS						-	W-se Potek	Analysis Date	QC Batch
Parameter		Flag DI		Detection Limit 25	Units µg/L	Prep Date N/A	Prep Batch N/A	12/17/2004	WM\$1041217
TPH as Gasoline	110			23	HD ~				
Note: Atypical pa	attern. No indication of gas	soline.							120
Surrogate	Surrogate Recovery	Contro	I Li	imits (%)				Analyzed by: XB	
4-Bromofluorobenzene	100	75	-	125				Reviewed by: BD	HABALIA
Dibromofluoromethane	107	75	•	125					
Tolucne-d8	104	75	-	125					

Phone: (408) 588-0200

Project Name:

Project Number: 241.062.02.002

P.O. Number: 241.062.02.002

Date Received: 12/15/2004

Sampled By: Client

P.34/66

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Sample ID: GW-6-8 Lab #: 41690-010

Matrix: Liquid Sample Date: 12/15/2004 2:45 PM

Method: EPA 8015 MOD	(Extractable) / EPA 351	OC / Liq-Liq,	Sep Funnel, MeCl					
Parameter	Result I	flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	4200	5	250	μg/L	12/17/2004	DW4835A	12/20/2004	DW4835A
Note: C12-C36.								DUMADO
TPH as Motor Oil	ND	5	1300	μg/L	12/17/2004	DW4835A	12/20/2004	DW4835A
Surrogate	Surrogate Recovery	Control I	jmits (%)				Analyzed by: Jhsia	ng
o-Terphenyl	112	22 -	133				Reviewed by: LGU	ANTZ.

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Sample ID: GW-6-8 Lab #: 41690-010

EDA 92608 / EDA 50308 / Purse & Tran

Fax: (408) 588-0201 Phone: (408) 588-0200

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Matrix: Liquid Sample Date: 12/15/2004 2:45 PM

Method: EPA 8260B / EPA 5030B		DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Parameter		 1	0.5	µg/L	N/A	N/A	12/17/2004	WMS1041217
1,1,1,2-Tetrachloroethane	ND		0.5	µg/L	N/A	N/A	12/17/2004	WMS1041217
1,1,1-Trichloroethanc	ND	1 1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1,2,2-Tetrachloroethane	ND	1	0.5	με/L	N/A	N/A	12/17/2004	WMS1041217
1,1,2-Trichloroethanc	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1-Dichlorocthane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
1,1-Dichloroethene	ND		0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1-Dichloropropene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2,3-Trichlorobenzene	ND	1	0.5	μց/Լ	N/A	N/A	12/17/2004	WM\$1041217
1,2,3-Trichloropropane	ND	1		μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2,4-Trichlorobenzene	ND	1	5 5	μց/Լ	N/A	N/A	12/17/2004	WM\$1041217
1,2,4-Trimethylbenzene	ND	1		μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dibtomo-3-Chloropropane	ND	1	5		N/A	N/A	12/17/2004	WM\$1041217
1,2-Dibromoethane (EDB)	ND	1	0.5	μǥ∕L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dichlorobenzene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WM51041217
1,2-Dichloroethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dichloropropane	ND	1	0.5	µg/L		N/A	12/17/2004	WM\$1041217
1,3,5-Trimethylbonzone	ND	ı	5	μ <u>¢</u> /L	N/A	N/A	12/17/2004	WMS1041217
1,3-Dichlorobenzene	ND	1	0.5	μg/L	N/A N/A	N/A	12/17/2004	WMS1041217
1,3-Dichloropropane	ND	1	0.5	µg/L	N/A N/A	N/A	12/17/2004	WMS1041217
1,4-Dichlorobenzene	ND	1	0.5	μg/L		N/A	12/17/2004	WMS1041217
1,4-Dioxanc	ND	1	50	μg/L	N/A	N/A	12/17/2004	WM\$1041217
2,2-Dichloropropane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
2-Butanone (MEK)	ND	I	20	µg/L	N/A		12/17/2004	WM\$1041217
2-Chloroethyl-vinyl Ether	ND	1	5	μ <u>g</u> /L	N/A	N/A	12/17/2004	WMS1041217
2-Chlorotoluene	ND	I	5	μg/L	N/A	N/A	12/17/2004	WMS104121
2-Hexanonc	ND	1	20	μ g/ L	N/A	N/A	12/17/2004	WMS104121
4-Chlorotoluene	ND	1	5	μg/Ľ	N/A	N/A	12/17/2004	WM\$104121
4-Methyl-2-Pentanone(MIBK)	ND	1	20	μg/L	N/A	N/A	12/17/2004	WMS104121
Acctonc	ND	1	20	μg/L	N/A	N/A	12/17/2004	WMS104121
Acctonitrile	ND	1	5	µ <u>g</u> /L	N/A	N/A		WMS104121
Acrolein	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS104121
Acrylonitrile	NĎ	1	5	µg/L	N/A	N/A	12/17/2004 12/17/2004	WMS104121
Benzene	ND	I	0.5	μg/L		N/A		WMS104121
Benzyl Chloridc	ND	1	5	µg∕L	N/A	N/A	12/17/2004	WMS104121
Bromobenzene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS104121 WMS104121
Bromochloromethane	ND	1	0.5	μg/i.	N/A	N/A	12/17/2004	
Bromodichloromethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$104121
Bromoform	ND	1	0.5	μǥ/Լ		N/A	12/17/2004	WMS104121
Bromomethane	ND	1	0.5	μg/L		N/A	12/17/2004	WM\$104121
Carbon Disulfide	ND	I	0.5	μց/Լ		N/A	12/17/2004	WMS104121
Carbon Tetrachloride	ND	1	0.5	μg/L		N/A	12/17/2004	WMS104121 WMS104121
Chlorobenzene	ND	1	0.5	μg/L		N/A	12/17/2004	
Chloroethane	ND	1	0.5	μg/L		N/A	12/17/2004	WMS104121
Chloroform	ND	1	0.5	μg/L		N/A	12/17/2004	WM\$104121
Chloromethane	ND	1	0.5	μg/L	, N/A	N/A	12/17/2004	WM\$104121

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41690-010 Sample ID: GW-6-8

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Matrix: Liquid Sample Date: 12/15/2004 2:45 PM

Parameter cis-1,2-Dichlorocthene cis-1,3-Dichloropropene Cyclohexanone Dibromochloromethane Dibromomethane Dichlorodifluoromethane Disopropyl Ether Ethyl Benzene Freon 113 Hexachlorobutadiene Iodomethane Isopropylbenzene	Result Fla ND ND ND ND ND ND ND ND ND ND	ng DF 1 1 1 1 1 1 1 1	Detection Limit 0.5 0.5 20 0.5 0.5 0.5 5	Units μg/L μg/L μg/L μg/L μg/L μg/L	Prep Date N/A N/A N/A N/A N/A	Prep Batch N/A N/A N/A N/A N/A	Analysis Date 12/17/2004 12/17/2004 12/17/2004 12/17/2004 12/17/2004	QC Batcb WMS1041217 WMS1041217 WMS1041217 WMS1041217
cis-1,3-Dichloropropene Cyclohexanone Dibromochloromethane Dibromomethane Dichlorodifluoromethane Disopropyl Ether Ethyl Benzene Freon 113 Hexachlorobutadiene Iodomethane Isopropanol	ND ND ND ND ND ND ND ND	1 1 1 1 1	0.5 20 0.5 0.5 0,5 5	μg/L μg/L μg/L μg/L	N/A N/A N/A N/A	N/A N/A N/A	12/17/2004 12/17/2004 12/17/2004	WMS1041217 WMS1041217 WMS1041217
Cyclohexanone Dibromochloromethane Dibromomethane Dichlorodifluoromethane Disopropyl Ether Ethyl Benzene Freon 113 Hexachlorobutadiene Iodomethane Isopropanol	ND ND ND ND ND ND ND ND	1 1 1 1	20 0.5 0.5 0.5 5	μg/L μg/L μg/L	N/A N/A N/A	N/A N/A	12/17/2004 12/17/2004	WM\$1041217 WM\$1041217
Dibromochloromethane Dibromomethane Dichlorodifluoromethane Dilsopropyl Ether Ethyl Benzene Freon 113 Hexachlorobutadiene Iodomethane Isopropanol	ND ND ND ND ND ND	1 1 1 1	0.5 0.5 0,5 5	μg/L μg/L	N/A N/A	N/A	12/17/2004	WM\$1041217
Dibromomethane Dichlorodifluoromethane Dilsopropyl Ether Ethyl Benzene Freon 113 Hexachlorobutadiene Iodomethane Isopropanol	ND ND ND ND ND	1 1 1 1	0.5 0,5 5	μg/L	N/A			
Dichlorodifluoromethane Dilsopropyl Ether Ethyl Benzene Freon 113 Hexachlorobutadiene Iodomethane Isopropanol	ND ND ND ND ND	1 1 1	0.5 5			N/A	12/1//2004	WMS1041217
Diisopropyl Ether Ethyl Benzene Frcon 113 Hexachlorobutadionc Iodomethane Isopropanol	ND ND ND ND	1 1	5	μg/L		27/2		WMS1041217
Ethyl Benzene Freon 113 Hexachlorobutadiene Iodomethane Isopropanol	ND ND ND	1			N/A	N/A	12/17/2004	WMS1041217
Freen 113 Hexachlorobutadiene Iodomethane Isopropanol	NĎ ND			µg/L	N/A	N/A	12/17/2004	WMS1041217
Hexachlorobutadiene Iodomethane Isopropanol	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	
Iodomethane Isopropanol			1	μ <u>g</u> /Լ	N/A	N/A	12/17/2004	WMS1041217
Isopropanol		1	5	µg/L	N/A	N/A	12/17/2004	WMS1041217
Isopropanol	ND	1	1	μg/L	N/A	N/A	12/17/2004	WMS1041217
	ND	1	20	µg/L	N/A	N/A	12/17/2004	WMS1041217
	ND	1	1	µg/L	N/A	N/A	12/17/2004	WMS1041217
Mcthyl-t-butyl Ether	ND	1	1	μ g/L	N/A	N/A	12/17/2004	WMS1041217
Methylone Chloride	ND	1	20	μg/L	N/A	N/A	12/17/2004	WMS1041217
n-Butylbenzene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
n-Propylbenzene	ND	L	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Naphthalene	ND	1	\$	μg/L	N/A	N/A	12/17/2004	WMS1041217
p-[sopropyltoluene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Pentachlorocthane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
sec-Butylbenzene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Styrene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
tort-Amyl Methyl Ether	ND	1	5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
tert-Butanol (TBA)	ND	1	10	μ g/L	N/A	N/A	12/17/2004	WMS1041217
tert-Butyl Ethyl Ether	ND	1	5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
tert-Butylbenzene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Tetrachlorocthene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Tetrahydrofuran	ND	1	20	μg/L	N/A	N/A	12/17/2004	WMS1041217
Toluenc	ND	1	0.5	, υ μg/L	N/A	N/A	12/17/2004	WMS1041217
trans-1,2-Dichlorocthene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
trans-1,3-Dichloropropenc	ND	I	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
trans-1,4-Dichloro-2-butene	ND	-	1	μ <u>g</u> /L	N/A	N/A	12/17/2004	WMS1041217
Trichlorocthene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Trichlorofluoromethane	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Vinyl Acetate	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Vinyl Chloride	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Xylenes, Total	rrogate Recovery		Limits (%)	PD D	The provide		Analyzed by: XI	3
-	89.6	75	- 125				Reviewed by: B	
4-Bromofluorobenzene	107	75	- 125				VEALEMEN ON: D	and the second s
Dibromofluoromethane Toluene-d8	103		- 125					

Detection Limit - Detection Limit for Reporting.

12/22/2004 4:43:09 PM - Iglantz

3334 Victor Court, Santa Clara, CA 95054

1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Sample ID: GW-6-8 Lab #: 41690-010

Matrix: Liquid Sample Date: 12/15/2004 2:45 PM

Method: GC-MS										2
Parameter	Result	Flag	DI	Ŧ	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasolinc	ND		1		25	μg/L	N/A	N/A	12/17/2004	WMS1041217
Surrogate	Surrogate Recovery	C	ontro	l Li	mits (%)				Analyzcd by: XBi	an
4-Bromofluorobenzene	98,4		75	-	125				Reviewed by: BD	HABALIA
Dibromofluoromethane	106		75	-	125					
Toluene-d8	104		75	-	125					

PES Environmental, Inc.

Fax: (408) 588-0201 Phone: (408) 588-0200

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

3334 Victor Court, Santa Clara, CA 95054

DEC E . . t. tal Ina Attn: Pete Gorman

Certificate of Analysis - Data Report

CIN 7 12 -----Lab

Matrix: Lic	uid Sample	Date: 12/15/2004	3:15 PM

PES Environmental, Inc.	Project Number: 241.062.02.002
1682 Novato Boulevard, Suite 100	Project Name:
Novato, CA 94947	Date Received: 12/15/2004

P.O. Number: 241.062.02.002 Sampled By: Client

Lab #: 41690-011	Sample ID: GW	-7-12				VIATEIX: LIQU	nu Sample .		
Method: EPA 8015 MOD). (Extractable) / EPA 3	510C/I				Dun Data	Prep Batch	Analysis Date	OC Batch
Parameter	Result	Fiag	DF	Detection Limit	Units	Prep Date		12/20/2004	DW4835A
TPH as Diesel	49000		50	2500	μg/L	12/17/2004	DW4835A	12/20/2004	DMH033M
Note: C12-C36.	ND		50	13000	µg/L	12/17/2004	DW4835A	12/20/2004	DW4835A
TPH as Motor Oil				imits (%)				Analyzed by: Jhsia	ng
Surrogate	Surrogate Recovery 125	,	22 •	133				Reviewed by: LGL	
o-Terphenyl	125		- 22						

P.39/66

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41690-011 Sample ID: GW-7-12

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Matrix: Liquid Sample Date: 12/15/2004 3:15 PM

Method: EPA 8260B / EPA 5030B			DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Parameter	Result ND	Flag	20	10	μ <u>g</u> /L	N/A	N/A	12/18/2004	WMS1041217
1,1,1,2-Tetrachlorocthane			20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217
1,1,1-Trichloroethane	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217
1,1,2,2-Tetrachloroethane	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217
1,1,2-Trichloroethane	ND			10	μg/L	N/A	N/A	12/18/2004	WMS1041217
1,1-Dichloroethane	ND		20 20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217
1.1-Dichlorocthene	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217
1,1-Dichloropropene	ND		20 20	100	μg/L	N/A	N/A	12/18/2004	WMS1041217
1,2,3-Trichlorobenzene	ND		20 20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217
1,2,3-Trichloropropane	ND			100	μg/L	N/A	N/A	12/18/2004	WM\$1041217
1,2,4-Trichlorobenzenc	ND		20	100	μg/L	N/A	N/A	12/18/2004	WMS1041217
1,2,4-Trimethylbenzene	ND		20			N/A	N/A	12/18/2004	WMS1041217
1.2-Dibromo-3-Chloropropane	ND		20	100	μg/L	N/A	N/A	12/18/2004	WMS1041217
1,2-Dibromocthane (EDB)	ND		20	10	μg/L		N/A	12/18/2004	WM\$1041217
1,2-Dichlorobenzene	ND		20	10	μg/L "	N/A	N/A	12/18/2004	WMS1041217
1,2-Dichloroethane	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217
1,2-Dichloropropane	ND		20	10	μg/L	N/A	N/A N/A	12/18/2004	WM\$1041217
1,3,5-Trimethylbenzene	ND		20	100	μg/L	N/A	N/A	12/18/2004	WMS1041217
1,3-Dichlorobenzene	NĎ		20	10	µք/Լ ″	N/A	N/A	12/18/2004	WMS1041217
1,3-Dichloropropanc	ND		20	10	μ <u></u> g/Ľ. ~	N/A	N/A N/A	12/18/2004	WMS1041217
1,4-Dichlorobenzene	ND		20	10	µg∕L	N/A		12/18/2004	WMS1041217
1,4-Dioxanc	ND		20	1000	μ ϩ/L	N/A	N/A	12/18/2004	WMS1041217
2,2-Dichloropropane	ND		20	10	μg/L	N/A	N/A		WMS1041217
2-Butanonc (MEK)	ND		20	400	μg/L	N/A	N/A	12/18/2004	WMS1041217
2-Chloroethyl-vinyl Ether	NĎ		20	100	μg/L	N/A	N/A	12/18/2004	WMS1041217 WMS1041217
2-Chlorotoluene	DИ		20	100	μg/L	N/A	N/A	12/18/2004	
2-Hexanone	ND		20	400	μg/L	N/A	N/A	12/18/2004	WM\$1041217
4-Chlorotoluene	ND		20	100	μ g/ Ľ	N/A	N/A	12/18/2004	WMS1041217
4-Methyl-2-Pentanone(MIBK)	ND		20	400	μg/L	N/A	N/A	12/18/2004	WMS1041217
Acetone	ND		20	400	µg∕L	N/A	N/A	12/18/2004	WM51041217
Acetonitrile	ND		20	100	μǥ∕Ն	N/A	N/A	12/18/2004	WMS1041217
Acrolein	ND		20	100	μg/L	N/A	N/A	12/18/2004	WMS1041217
Acrylonitrile	ND		20	100	μg/L	N/A	N/A	12/18/2004	WMS1041217
Benzene	ND		20	10	µg/L	N/A	N/A	12/18/2004	WM\$104121
Benzyl Chloride	ND		20	100	μg/L	N/A	N/A	12/18/2004	WMS104121
Bromobenzenc	ND		20	10	μ g/ L	N/A	N/A	12/18/2004	WMS104121
Bromochloromethane	ND		20	10	µg/L	N/A	N/A	12/18/2004	WMS104121
Bromodichloromethanc	ND		20	10	μg/L	N/A	N/A	12/18/2004	WM\$104121
Bromoform	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS104121
Bromomethane	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS104121
Carbon Disulfide	ND		20	10	µg/L	N/A	N/A	12/18/2004	WMS104121
Carbon Tetrachloride	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS104121
Chlorobenzene	ND		20	10	μġ/L	N/A	N/A	12/18/2004	WMS104121
Chloroethane	ND		20	10	μg/L	N/A	N/A	12/18/2004	WM\$104121
Chloroform	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS104121
Chloromethane	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS104121

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Certificate of Analysis - Data Report

Lab #: 41690-011 Sample ID: GW-7-12

Fax: (408) 588-0201 Phone: (408) 588-0200

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Matrix: Liquid Sample Date: 12/15/2004 3:15 PM

Method: EPA 8260B / EPA 50	30B / Purge & Tr	ар					n	Amelancia Waster	QC Batch
Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	WMS1041217
cis-1,2-Dichloroethenc	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217 WMS1041217
cis-1,3-Dichloropropene	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217 WMS1041217
Cyclohexanonc	ND		20	400	µg/L	N/A	N/A	12/18/2004	WMS1041217
Dibromochloromethane	ND		20	10	μg/L	N/A	N/A	12/18/2004	
Dibromomethane	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217
Dichlorodifluoromethane	NĎ		20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217
Diisopropyl Ether	ND		20	100	μg/L	N/A	N/A	12/18/2004	WM\$1041217
Ethyl Benzenc	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217
Freon 113	ND		20	20	μg/L	N/A	N/A	12/18/2004	WMS1041217
Hexachlorobutadiene	ND		20	100	μg/L	N/A	N/A	12/18/2004	WMS1041217
Iodomethane	ND		20	20	µg/L	N/A	N/A	12/18/2004	WMS1041217
Isopropanol	ND		20	400	μ g /L	N/A	N/A	12/18/2004	WMS1041217
Isopropylbenzene	ND		20	20	μg/L	N/A	N/A	12/18/2004	WMS1041217
Methyl-t-butyl Ether	ND		20	20	μg/L	N/A	N/A	12/18/2004	WMS1041217
Methylenc Chloride	ND		20	400	μg/Ľ	N/A	N/A	12/18/2004	WMS1041217
n-Butylbenzene	ND		20	100	µg/L	N/A	N/A	12/18/2004	WMS1041217
n-Propylbenzenc	ND		20	100	μg/L	N/A	N/A	12/18/2004	WMS1041217
Naphthalene	ND		20	100	μg/L	N/A	N/A	12/18/2004	WMS1041217
p-Isopropyltoluene	ND		20	100	μg/L	N/A	N/A	12/18/2004	WMS1041217
Pentachloroethane	ND		20	10	μ g/ L	N/A	N/A	12/18/2004	WMS1041217
sec-Butylbenzenc	ND		20	100	μg/L	N/A	N/A	12/18/2004	WMS1041217
Styrene	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217
tert-Amyl Methyl Ether	ND		20	100	μg/L	N/A	N/A	12/18/2004	WMS1041217
tert-Butanol (TBA)	ND		20	200	μg/L	N/A	N/A	12/18/2004	WM\$1041217
tert-Butyl Ethyl Ether	ND		20	100	μǥ/L	N/A	N/A	12/18/2004	WMS1041217
tert-Butylbenzene	ND		20	100	μg/L	N/A	N/A	12/18/2004	WMS1041217
Tetrachloroethene	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217
Tetrahydrofuran	ND		20	400	μg/L,	N/A	N/A	12/18/2004	WM\$1041217
Toluene	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217
trans-1,2-Dichloroethene	ND		20	10	Hg/L	N/A	N/A	12/18/2004	WM\$1041217
trans-1,3-Dichloropropene	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217
trans-1.4-Dichloro-2-butene	ND		20	20	μg/L	N/A	N/A	12/18/2004	WM\$1041217
Trichloroethene	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217
Trichlorofluoromethane	ND		20	10	μg/L	N/A	N/A	12/18/2004	WMS1041217
Vinyl Acetate	ND		20	100	μg/L	N/A	N/A	12/18/2004	WMS1041217
Vinyl Chloride	ND		20	10	μg/L	N/A	N/A	12/18/2004	WM\$1041217
Xylenes, Total	ND		20	10	μ <u>g</u> /L	N/A	N/A	12/18/2004	WMS1041217
Note: Sample diluted		mple (foan		- •	-6-	0.000			
	urrogate Recover							3	
4-Bromofluorobenzene	85.6	-	75 .	125				Reviewed by: B	
Dibromofluoromethane	86.4		75 -					Mentence of. D.	
DIDIOIIIOII4010IIQUIAND	00.4								

Toluene-d8

96.3

75 - 125

ENTECH

75

125 .

3334 Victor Court , Santa Clara, CA 95054

97.6

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Sample ID: GW-7-12 Lab #: 41690-011

Toluenc-d8

Matrix: Liquid Sample Date: 12/15/2004 3:15 PM Method: GC-MS Analysis Date QC Batch Prep Batch Prep Date **Detection Limit** Units Flag DF Parameter Result WM\$1041217 12/18/2004 N/A N/A μg/L 20 500 ND TPH as Gasolinc Analyzed by: XBian Control Limits (%) Surrogate Recovery Surrogate 75 -125 Reviewed by: BDHABALIA 94.0 4-Bromofluorobenzene 125 75 -85.6 Dibromofluoromethane

Fax: (408) 588-0201 Phone: (408) 588-0200

> Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

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Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Lab#: 41690-012	Sample ID: (SB	-4-2)(SI	B-4-7)	Composite	r	Matrix: Solid	Sample Date: 12/15/2004 12:00 P		
Method: EPA 6010B									
Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Cadmium	ND		1	1	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220
Chromium	41		1	1	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220
Load	6.1		1	5	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220
Nickel	41		1	1	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220
Zinc	62		1	2	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220

Analyzed by: Fkha

Reviewed by: MFELIX

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Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By: Client

Lab #: 41690-013	Sample ID: (SB-5-2)(SB-5-7)Composite					Matrix: Solid	Sample Date: 12/15/2004		1:40 PM
Method: EPA 6010B	The surface		DE	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	OC Batch
Parameter	Result	Flag	DF	Detection Lant				12/20/2004	SICP2041220
Cadmium	ND		1	1	mg/Kg	12/16/2004	SM041216		
Chromium	38		1	1	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220
Lcad	ND		1	5	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220
Nickel	40		1	1	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220
Zinc	30		1	2	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220

Analyzed by: Fkha

Reviewed by: MFELIX

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Fax: (408) 588-0201 Phone: (408) 588-0200

Project Number: 241.062.02.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.02.002 Sampled By:

Lab#: 41690-014	Sample ID: (SB-6-2)(SB-6-7)Composite				I	Matrix: Soli	d Sample I	Sample Date: 12/15/2004	
Method: EPA 6010B	42								
Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Cadmium	2.6	1	1	1	mg/Kg	12/16/2004	SM041216	12/20/2004	\$ICP2041220
Chromium	55		1	1	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220
Lead	760		1	5	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220
Nickel	56		1	1	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220
Zinc	1800		1	2	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220

Analyzed by: Fkha

Reviewed by: MFELIX

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		Quality Contro	al. Mothod	Blank		
		•		Diank		
			Solid			
Prep Batch ID: D\$4480B Prep Date: 12/16/2004		Validated by:	LGLANTZ - 12/17	QC Batch ID: DS4480B		
					Analy	sis Date: 12/16/2004
Method Blank	Method: EPA 8	015 MOD. (Extra				
Parameter		Result	DF	PQLR	Units	
TPH as Diesel		ND	1	2.5	mg/Kg	
TPH as Motor Oil		ND	1	10	mg/Kg	
Surrogate for Blank	% Recovery Control Lin	mits				

o-Terphenyl 101 41 - 137

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Prep Batch ID: D Prep Date: 12/16/	\$4480B	Control -	Soli	n trol Spike d ANTZ - 12/17/04		ate F	QC Batc	h ID: DS4480E ate: 12/16/2004
LCS Method: Parameter TPH as Diesel TPH as Motor Oil	EPA 8015 M Blank (MDL) <0.7 <2.6	OD. (Extr: Spike Amt 50.0 50.0	 QC Type LCS LCS	Analysis Date 12/16/2004 12/16/2004	% Recovery 91.2 65.0	C RPD	onc. Units: RPD Limits	mg/Kg Recovery Limits 44 - 108 32 - 130
Surrogate o-Terphenyl	% Recovery 111	Control Lin 41 - 137))				
LCSD Method: Parameter TPH as Diesel TPH as Motor Oil	EPA 8015 M Blank (MDL) <0.7 <2.6		QC Type LCSD LCSD	Analysis Date 12/16/2004 12/16/2004	% Recovery 101 67.6	C RPD 10.0 3.9	Conc. Units: RPD Limits 30 30	mg/Kg Recovery Limits 44 - 108 32 - 130
Surrogate o-Terphenyl	% Recovery 118	Control Lir 41 - 13			1997 (1997) 			

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	Quality Contro	ol - Method	Blank		
	5	Solid			
Prep Batch ID: DS4481A	Validated by:	LGLANTZ - 12/20	/04	QC Ba	tch ID: DS4481A
Prep Date: 12/17/2004				Analysis	Date: 12/17/2004
Method Blank Method: El	PA 8015 MOD. (Extrac	table)			
Parameter	Result	DF	PQLR	Units	
TPH as Diesel	ND	1	2.5	mg/Kg	
TPH as Motor Oil	ND	1	10	mg/Kg	

Surrogate for Blank % Recovery Control Limits o-Terphenyi 80.0 41 - 137

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Prep Batch ID: D Prep Date: 12/17/		Control -	Soli	ntrol Spiko d ANTZ - 12/20/04		ate F	QC Bate	h ID: DS4481A ate: 12/17/2004
LCS Method: Parameter TPH as Diesel TPH as Motor Oil	EPA 8015 M Blank (MDL) <0.7 <2.6		QC Type LCS LCS	Analysis Date 12/17/2004 12/17/2004	% Recovery 81.2 54.6	C RPD	onc. Units: : RPD Limits	mg/Kg Recovery Limits 44 - 108 32 - 130
Surrogate o-Terphenyl	% Recovery 99.2	Control Lir 41 - 13						
LCSD Method: Parameter TPH as Diesel TPH as Motor Oil	EPA 8015 M Blank (MDL) <0.7 <2.6		QC Type LCSD LCSD	Analysis Date 12/17/2004 12/17/2004	% Recovery 80.0 54.6	C RPD 1.5 0.0	Conc. Units: RPD Limits 30 30	mg/Kg Recovery Limits 44 - 108 32 - 130
Surrogate o-Terphenyl	% Recovery 83.3	Control Li 41 - 13					4 44.44	

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		Quality Con		Soli	id		e Results		latek ID.	DS4481A
Prep Batch ID: D Prep Date: 12/17/		1	Reviewed b	y: LGLAI	VTZ - 12/21/	/04				12/17/2004
Method EPA 8015	and the second se	ectable)							Conc. Uni	its: mg/Kg
Parameter	, wied. (224)	Sample Result	Spike Amount	Spike Result	QC Type	Analysis Date	% Recovery	RPĎ	RPD Limits	Recovery Limits
MS SampleNu	mber: 41690-0	03								
TPH as Diesel		ND	50	40.1	M\$	12/17/2004	80.2			33 - 107
TPH as Motor Oil		ND	50	32.2	MS	12/17/2004	64.4			11 - 158
Surrogate	% Recovery	Control Limits								
o-Terphenyl	92.9	41 - 137								
MSD SampleNa	mber: 41690-0	03								
TPH as Diesel		ND	50	40.6	MSD	12/17/2004	81.2	1.2	30	33 - 107
TPH as Motor Oil		ND	50	32.4	MSD	12/17/2004	64.8	0.6	30	11 - 158
Surrogate o-Terphonyl	% Recovery 95	Control Limits 41 - 137								

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		Qu	ality Contr	ol - Method	Blank		
			L	.iquid			
Prep Batch ID: D	W4835A		Validated by:	LGLANTZ - 12/20	/04	QC B	atch ID: DW4835A
Prep Date: 12/17/2						Analys	sis Date: 12/17/2004
Method Blank	Meth	od: EPA 8015	MOD. (Extra	ctable)			
Parameter			Result	DF	PQLR	Units	
TPH as Diesel			ND	1	50	μg/L	
TPH as Motor Oil			NĎ	l	250	μ <u>e</u>/ L	
Surrogate for Blank o-Terphenyl	% Recovery 98.0	Control Limits 22 - 133					

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Quality Control - Laboratory Control Spike / Duplicate Results

Liquid

Prep Batch ID: D Prep Date: 12/17,			Reviewe	d by: LGL	ANTZ - 12/20/04				ID: DW4835A ate: 12/17/2004
LCS Method: Parameter TPH as Diesel TPH as Motor Oil	EPA 8015 M Blank (MDL) <24 <88	•		QC Type LCS LCS	Analysis Date 12/17/2004 12/17/2004	% Recovery 108 71.0	C RPD	onc. Units: RPD Limits	µg/L Recovery Limits 35 - 109 30 - 132
Surrogate	% Recovery	Control Lin			· · · · · · · · · · · · · · · · · ·			4.118	
o-Terphenyl	120	22 - 133	J						
LCSD Method:	EPA 8015 M	IOD. (Extr	actable)				C	onc. Units:	µg/L
LCSD Method: Parameter	EPA 8015 M Blank (MDL)	•		QC Type	Analysis Date	% Recovery	C RPD	onc. Units: RPD Limits	μg/L Recovery Limits
Parameter		•		QC Type LCSD	Analysis Date 12/17/2004	% Recovery 107			
Parameter TPH as Diesel	Blank (MDL)	Spike Amt	SpikeResult		•		RPD	RPD Limits	Recovery Limits
in the second	Blank (MDL) <24	Spike Amt 1000	SpikeResult 1070 710	LCSD	12/17/2004	107	RPD 1.7	RPD Limits 25	Recovery Limits 35 - 109

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		Quality Contro		Blank		
		9	Solid			
Prep Batch ID: PS74	422A	Validated by	y: MTU - 12/16/04	ļ.	-	ch ID: PS7422A
Prep Date: 12/15/20	04				Analysis I	Date: 12/15/2004
Method Blank	Method: EPA	8082A				
Parameter		Result	DF	PQLR	Units	
Aroclor 1221		ND	i	0.1	mg/Kg	
Aroclor 1232		ND	1	0.1	mg/Kg	
Aroclor 1242		NĎ	1	0.1	mg/Kg	
Aroclor 1248		ND	1	0.1	mg/Kg	
Aroclor 1254		ND	1	0.1	mg/Kg	
Aroclor 1260		ND	1	0.1	mg/Kg	
Aroclor 1262		ND	1	0.1	mg/Kg	
Aroclor 1268		ND	1	0.1	mg/Kg	
Surrogate for Blank Decachlorobiphenyl	% Recovery Control 1 105 43 -	Limits 156				

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Quality Control - Laboratory Control Spike / Duplicate Results

Solid

-	atch ID: P ate: 12/15			Revie	wed by: M	TU - 12/16/04			-	h ID: PS7422A ate: 12/15/2004
LCS Parameter Arocior 1260		EPA 8082A Blank (MDL) <0.004	Spike Amt 0.200	SpikeResult 0.224	QC Type LCS	Analysis Date 12/15/2004	% Recove гу 112	C RPD	onc. Units: RPD Limits	mg/Kg Recovery Limits 75 - 143
	rogate probiphenyl	% Recovery 103	Control Lin 43 - 156							
LCSD Parameter Aroclor 1260		EPA 8082A Biank (MDL) <0.004	Spike Amt 0,200	SpikeResult 0.227	QC Type LCSD	Analysis Date 12/15/2004	% Recovery 114	C RPD 1.4	Conc. Units: RPD Limits 30	Recovery Limits 75 - 143
	rogate orobiphenyl	% Recovery 103	Control Lin 43 - 150							

Zinc

Entech Analytical Labs, Inc.

Phone: (408) 588-0200 Fax: (408) 588-0201 3334 Victor Court, Santa Clara, CA 95054

		Quality Contro	ol - Metho <mark>d</mark> Solid	Blank		
Prep Batch ID: SM Prep Date: 12/16/20			MFELIX - 12/20/	04	•	h ID: SICP2041220 is Date: 12/20/2004
Method Blank	Method: EP	A 6010B				
Parameter		Result	DF	PQLR	Units	
Cadmium		ND	1	1	mg/Kg	
Chromium		ND	1	1	mg/Kg	
Lead		ND	I	5	mg/Kg	
Nickel		ND	1	1	mġ/Kġ	8
Zinc		ND	1	2	mg/Kg	

75 - 125

30

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

50.0

<1.7

Zinc

43.3

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Quality Control - Laboratory Control Spike / Duplicate Results

Solid

•	atch ID: S ate: 12/16			Review	ed by: MF	ELIX - 12/20/04		ç		: SICP2041220 ate: 12/20/2004
LCS Parameter Cadmium Chromium Lead Nickel Zinc	Method:	EPA 6010B Blank (MDL) <0.32 <0.4 <2.1 <0.65 <1.7	Spike Amt 50.0 50.0 50.0 50.0 50.0	SpikeResult 43.4 47.6 46.0 46.0 43.0	QC Type LCS LCS LCS LCS LCS LCS	Analysis Date 12/20/2004 12/20/2004 12/20/2004 12/20/2004 12/20/2004	% Recovery 86.8 95.1 91.9 92.0 85.9	C RPD	onc. Units: RPD Limits	mg/Kg Recovery Limits 75 - 125 75 - 125 75 - 125 75 - 125 75 - 125 75 - 125
LCSD Parameter Cadmium	Method:	EPA 6010B Blank (MDL) <0.32	Spike Amt 50.0	SpikeResult 43.0	QC Type LCSD	Analysis Date 12/20/2004	% Recovery 86.0	C RPD 9.9	onc. Units: RPD Limits 30	Recovery Limits 75 - 125
Chromium Lead Nickel		<0.4 <2.1 <0.65	50,0 50.0 50.0	47.5 44.8 45.9	LCSD LCSD LCSD	12/20/2004 12/20/2004 12/20/2004	95.1 89.7 91.8	0,0 2,5 0.3	30 30 30	75 - 125 75 - 125 75 - 125

LCSD

12/20/2004

86.5

0.7

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Quality Control - Method Blank

Solid

Validated by: MTU - 12/17/04

QC Batch ID: SMS3041216 Analysis Date: 12/16/2004

Method Blank	Method: EPA 8260B			
Parameter	Result	DF	PQLR	Units
1,1,1,2-Tetrachloroethane	ND	1	5	µg/Kg
1,1,1-Trichloroethane	ND	1	5	µg/Kg
1,1,2,2-Tetrachioroethane	ND	1	5	μ g/Kg
1,1,2-Trichloroethane	ND	1	5	µg/Кg
1,1-Dichloroethane	NĎ	1	5	μg/Kg
1,1-Dichloroethene	ND	1	5	µg/Kg
1,1-Dichloropropene	ND	1	5	µg/Кg
1,2,3-Trichlorobenzene	ND	Ĩ	5	µg/Kg
1,2,3-Trichloropropane	ND	1	S	µg/Kg
1,2,4-Trichlorobenzene	ND	X	5	µg/Kg
1,2,4-Trimethylbenzene	ND	1	5	μg/Kg
1,2-Dibromo-3-Chloropropane	ND	1	5	µg/Kg
1,2-Dibromoethane (EDB)	ND	1	5	µg/Kg
1,2-Dichlorobenzene	NĎ	1	5	μ g /Kg
1,2-Dichloroethane	ND	1	5	μg/Kg
1,2-Dichloropropanc	ND	1	5	µg/Kg
1,3,5-Trimethylbenzene	ND	1	5	µв∕Кв
1,3-Dichlorobenzene	ND	1	5	µg/Kg
1,3-Dichloropropane	ND	1	5	μg/Kg
1,4-Dichlorobenzene	ND	1	5	µg/Кg
1,4-Dioxane	ND	1	100	µg/Кg
2,2-Dichloropropanc	ND	1	5	µg/Kg
2-Butanone (MEK)	Ъ	1	40	µg/Kg
2-Chloroethyl-vinyl Ether	D	1	5	µg/Kg
2-Chlorotoluene	ND	1	5	µg/Kg
2-Hexanone	ND	1	40	μg/Kg
4-Chlorotoluene	ND	1	5	μg/Kg
4-Methyl-2-Pentanone(MIBK)	ND	1	40	µg/Kg
Acetone	ND	1	100	μg/Kg
Acctonitrile	ND	1	40	µg/Kg
Acrolein	ND	1	5	µg/Kg
Acrylonitrile	ND	1	5	μg/Kg
Benzene	ND	1	5	μg/Kg
Benzyl Chloride	ND	1	5	µg/Kg
Bromobenzene	ND	1	5	µg/Kg
Bromochloromethane	ND	1	5	µg/Kg
Bromodichloromethane	ND	Ļ	5	µg/Kg
Bromoform	ND	1	5	µg/Кg
Bromomethane	ND	1	5 5	µg/Кg
Carbon Disulfide	ND	1		μg/Kg
Carbon Tetrachloride	ND	1	5	μg/Kg
Chlorobenzene	ND ND		5 5	μg/Kg μg/Kg
Chloroethane Chloroform	ND	1	5	μg/Kg
Chloromethane	ND	1	5	µg/Kg
Chioromeinane	עא		0	45125

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Quality Control - Method Blank

Solid

Validated by: MTU - 12/17/04

QC Batch ID: SMIS3041216 Analysis Date: 12/16/2004

Method Blank	Method: EPA	8260B			
Parameter		Result	DF	PQLR	Units
cis-1,2-Dichloroethene		ND	1	5	µg/Кg
cis-1,3-Dichloropropene		ND	1	5	µg/Kg
Cyclohexanone		ND	1	40	μg/Kg
Dibromochloromethane		ND	1	5	µg/Kg
Dibromomethanc		ND	1	5	µg/Kg
Dichlorodifluoromethane		ND	1	5	μ g/K g
Diisopropyl Ether		ND	1	5	µg/Кg
Ethyl Benzene		ND	1	5	μg/Kg
Freon 113		ND	1	\$	µg/Kg
Hexachlorobutadiene		ND	1	5	µg/Kg
lodomethane		ND	1	40	µg/Kg
Isopropanol		ND	1	100	µg/Kg
Isopropylbenzene		ND	1	5	μg/Kg
Methyl-t-butyl Ether		ND	1	5	µg/Kg
Methylene Chloride		ND	1	25	µg/Kg
n-Butylbenzene		ND	1	5	µg/Kg
n-Propylbenzene		ND	1	5	µg/Kg
Naphthalonc		ND	1	5	μ g/K g
p-Isopropyltoluene		ND	1	5	μg/Kg
Pentachlorocthane		NĎ	I	5	µg/К g
sec-Butylbenzone		ND	1	5	µg/Kg
Styrene		ND	1	5	µg/Kg
tert-Amyl Methyl Ether		ND	l	5	µg/Kg
tert-Butanol (TBA)		ND	L	40	μg/Kg
tert-Butyl Ethyl Ether		ND	1	5	µg∕Кg
tert-Butylbenzene		ND	1	5	µg/Kg
Tetrachloroethene		ND	1	5	µg/Кg
Tetrahydrofuran		ND	1	40	µg/Кg
Toluenc		ND	1	5	µg/Кg
trans-1,2-Dichloroethene		ND	1	5	μg/Kg
trans-1,3-Dichloropropene		ND	1	5	µg/Kg
trans-1,4-Dichloro-2-butene		ND	1	40	µg/Kg
Trichlorocthene		ND	1	5	µg∕Kg
Trichlorofluoromethane		ND	1	5	µg/Kg
Vinyl Chloride		ND	1	5	µg/Kg
Xylenes, Total		ND	1	10	µg/Kg
Surrogate for Blank %	Recovery Control I	.imits			
4-Bromofluorobenzene		125			
		124			

125 125

Dibromofluoromethane	105	75 -	
Toluene-d8	113	75 -	
TOTLERC-40	115		

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Quality Control - Method Blank

Solid

Validated by: MTU - 12/17/04

QC Batch ID: SMS3041216 Analysis Date: 12/16/2004

					and a second			
Method Blank	Meth	od: EP	A 8260B		2000			
Parameter				Result	DF	PQLR	Units	
TPH as Gasoline				ND	1	50	µg/Kg	
Surrogate for Blank	% Recovery	Control	Limits					
4-Bromofluorobenzene	95.3	75 -	125					
Dibromofluoromethane	105	75 -	125					
Toluenc-d8	113	75 -	125					

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Quality Control - Laboratory Control Spike / Duplicate Results

Solid

Reviewed by: MTU - 12/20/04

QC Batch ID: SMS3041216 Analysis Date: 12/16/2004

LCS Method:	EPA 8260B						C	onc. Units:	µg/Kg
Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.3	40.0	38.4	LCS	12/16/2004	96.0			70 - 130
Benzene	<0.2	40.0	46.7	LCS	12/16/2004	117			70 - 130
Chlorobenzene	<0.2	40,0	41.8	LCS	12/16/2004	104			70 - 130
Methyl-t-butyl Ether	<0.5	40.0	33.5	LCS	12/16/2004	83.8			70 - 130
Toluene	<0,5	40.0	45.7	LCS	12/16/2004	114			70 - 130
Trichloroethene	<0.5	40.0	44.3	LCS	12/16/2004	111			70 - 130
Surrogate	% Recovery	Control Lin	nits		(i)				
4-Bromofluorobenzenc	102	75 - 123	5						
Dibromofluoromethane	109	75 - 12:	5						
Toluene-d8	105	75 - 12	5						10002
<i>•</i>									
LCSD Method:	EPA 8260B		C. 1. D D I	00	Analyzir Date	9/ Decovery		Conc. Units: RPD Limits	

Parameter	Blank (MDL)	Spike Amt	SpikeResult	OC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.3	40.0	41.3	LCSD	12/16/2004	103	7.3	30	70 - 130
Benzene	<0.2	40.0	46.5	LCSD	12/16/2004	116	0.3	30	70 - 130
Chlorobenzene	<0.2	40.0	43.7	LC\$D	12/16/2004	109	4.5	30	70 - 130
Methyl-t-butyl Ether	<0.5	40.0	35.6	LCSD	12/16/2004	89.0	6.0	30	70 - 130
Toluene	<0.5	40,0	47.5	LCSD	12/16/2004	119	3.8	30	70 - 130
Trichloroethene	<0.5	40.0	41.8	LCSD	12/16/2004	105	5.9	30	70 - 130
Surrogate	% Recovery	Control Lin	nits						
4-Bromofluorobenzene	100	75 - 125	5						
Dibromofluoromethane	111	75 - 123	5						
Toluene-d8	106	75 - 12:	5						

LCS Method: Parameter TPH as Gasoline	GC-MS Blank (MDL) <9	Spike Amt 250	SpikcResult 240	QC Type LCS	Analysis Date 12/16/2004	% Recovery 96.1	C RPD	onc, Units: RPD Limits	µg/KG Recovery Limits 70 - 130
Surrogate	% Recovery	Control Lin	nits	******* 1,1922-011-0100					
4-Bromofluorobenzene	102	75 - 125	5						
Dibromofluoromethane	106	75 - 125	5						
Toluenc-d8	109	75 - 125	i 						
LCSD Method:	GC-MS						C	onc. Units:	µg/kg
Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<9	250	245	LCSD	12/16/2004	97.8	1.8	30	70 - 130
Surrogate	% Recovery	Control Lin	nits						
DattoPart									
4-Bromofluorobenzene	92.5	75 - 125	5						
	92.5 108	75 - 125 75 - 125							

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Quality Control - Method Blank

Liquid

Validated by: BDHABALIA - 12/21/04

QC Batch ID: WMS1041217 Analysis Date: 12/17/2004

	A CONTRACTOR OF A CONTRACTOR OFTA CONT	and the second se		
Method Blank	Method: EPA 8260B			
Parameter	Result	DF	PQLR	Units
1,1,1,2-Tetrachloroethane	ND	1	0.5	µg/L
1,1,1-Trichloroethane	ND	1	0.5	µg/L
1,1,2,2-Tetrachlorocthanc	ND	1	0.5	μ g/ L
1,1,2-Trichloroethane	ND	1	0.5	µg/Ļ
1,1-Dichloroethane	ND	1	0.5	μg/L
1,1-Dichlorocthene	ND	1	0.5	μg/L
1,1-Dichloropropene	ND	1	0.5	μg/L
1,2,3-Trichlorobenzene	ND	1	5	μg/L
1,2,3-Trichloropropane	ND	1	0.5	µ <u>ġ</u> ∕L
1,2,4-Trichlorobenzene	ND	1	5	μg/L
1,2,4-Trimethylbonzonc	NĎ	1	5	μ g/L
1,2-Dibromo-3-Chloropropane	ND	1	5	μ <u></u> g/Ľ
1,2-Dibromocthane (EDB)	ND	1	0.5	μg/L
1,2-Dichlorobenzene	ND	1	0.5	μg/L
1,2-Dichloroethane	ND	1	0.5	μ g /Ĺ
1,2-Dichloropropane	ND	1	0.5	µg/L
1,3,5-Trimethylbonzone	ND	1	5	µg/L
1,3-Dichlorobenzene	ND	1	0.5	μg/L
1,3-Dichloropropane	ND	1	0.5	μg/L
1,4-Dichlorobenzene	ND	1	0.5	μg/L
1,4-Dioxane	ND	1	50	µg/L
2,2-Dichloropropane	ND	1	0.5	μg/L
2-Butanone (MEK)	ND	1	20	μg/L
2-Chloroethyl-vinyl Ether	ND	1	S	μg/L
2-Chlorotoluene	ND	1	5	μg/L
2-Hexanone	ND	1	20	μg/L
4-Chlorotoluene	ND	1	5	µg/L
4-Methyl-2-Pentanone(MIBK)	ND	1	20	μg/L
Acetone	ND	1	20	μg/L
Acetonitrile	ND	1	5	μg/L
Acrolein	ND	1	5	μg/L
Acrylonitrile	ND	1	5	μg/L
Benzene	ND	1	0.5	µg∕L
Benzyl Chloride	ND	1	5	µg/L
Bromobenzene	ND	1	0.5	μg/L
Bromochloromethane	ND	1	0.5	μg/L
Bromodichloromethane	ND	1	0.5	μ g/L
Bromoform	ND	1	0.5	μg/ <u>Γ</u>
Bromomethane	ND	1	0.5	μg/L
Carbon Disulfide	ND	1	0.5	µg∕Ļ
Carbon Tetrachloride	ND	1	0.5	µg∕L
Chlorobenzene	ND	1	0.5	μg/L
Chloroethane	ND	1	0.5	μg/L
Chloroform	ND	1	0.5	µg/L
Chloromethane	ND	1	0.5	μg/L

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Quality Control - Method Blank

Liquid

Validated by: BDHABALIA - 12/21/04

QC Batch ID: WMS1041217 Analysis Date: 12/17/2004

Method Blank	Method: EPA 8260B				
Parameter	1	Result	DF	PQLR	Ųnits
cis-1,2-Dichlorocthene		ND	1	0.5	µg/L
cis-1,3-Dichloropropene		ND	1	0.5	μg/Ն
Cyclohexanone		ND	1	20	μg/L
Dibromochloromethane		ND	1	0.5	μg/L
Dibromomethane		ND	1	0.5	µg/L
Dichlorodifluoromethane		ND	1	0.5	μg/Ļ
Diisopropyl Ether		ND	1	5	μg/L
Ethyl Benzene		ND	1	0.5	µ ը/ Լ
Freon 113		ND	1	1	μg/L
Hexachlorobutadiene		ND	1	5	μg/L
Iodomethane		ND	1	1	μg/L
Isopropanol		ND	1	20	µg/L
Isopropylbenzene		ND	1	1	μg/Ľ
Methyl-t-butyl Ether		NĎ	1	1	μ g/ L
Methylene Chloride		ND	1	20	μg/L
n-Butylbenzene		ND	1	5	μg/L
n-Propylbenzene		ND	1	5	µg/L
Naphthalene		ND	1	5	μg/L
p-isopropyltoluene		ND	1	5	μ <u>g</u> /L
Pentachlorocthanc		ND	1	0.5	μg/L
sec-Butylbenzene		ND	1	5	µg/L
Styrene		ND	1	0.5	μg/L
tert-Amyl Methyl Ether		ND	1	5	μg/Ľ
tert-Butanol (TBA)		ND	1	10	μg/L
tort-Butyl Ethyl Ether		ND	1	5	μg/L
tert-Butylbenzene		ND	1	5	μg/1,
Tetrachloroethene		ND	1	0.5	μg/L
Tetrahydrofuran		ND	1	20	μg/L
Tolucne		ND	1	0.5	µg/L
trans-1.2-Dichloroethene		NØ	1	0.5	μg/L
trans-1,3-Dichloropropenc		ND	1	0.5	μg/L
trans-1,4-Dichloro-2-butene		ND	1	Ĭ	μg/L
Trichloroethene		ND	1	0.5	μg/L
Trichlorofluoromethane		ND	1	0.5	μg/L
Vinyl Acetate		ND	1	5	μg/L
Vinyl Chloride		ND	1	0.5	μg/L
Xylenes, Total		ND	1	0,5	µg/L
Surrogate for Blank % R	ecovery Control Limits				
4-Bromofluorobenzene	88.8 75 - 125				

Dibromofluoromethane	98.7	75	•	125
Toluene-d8	97.6	75	-	125

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Quality Control - Method Blank

Liquid

Validated by: BDHABALIA - 12/21/04

QC Batch ID: WMS1041217 Analysis Date: 12/17/2004

Method Blank	Meth	Method: EPA 8260B							
Parameter TPH as Gasoline				Result ND	DF 1	PQLR 25	Units µg/L		
Surrogate for Blank 4-Bromofluorobenzene	% Recovery 97.4		ol Limits - 125						
Dibromofluoromethane	97.8 98.9		- 125 - 125						

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Quality Control - Laboratory Control Spike / Duplicate Results

Liquid

Reviewed by: BDHABALIA - 12/21/04

QC Batch ID: WMS1041217

Analysis Date: 12/17/2004

LCS Method: 1 Parameter 1,1-Dichloroethene Benzenc Chlorobenzenc Methyl-t-butyl Ether Toluene Trichloroethene	EPA 8260B Blank (MDL) <0.2 <0.2 <0.2 <0.2 <0.3 <0.2 <0.2 <0.2	Spike Amt 20.0 20.0 20.0 20.0 20.0 20.0 20.0	SpikeResult 19.3 20.4 20.8 17.8 19.5 19.7	QC Type LCS LCS LCS LCS LCS LCS LCS	Analysis Date 12/17/2004 12/17/2004 12/17/2004 12/17/2004 12/17/2004 12/17/2004	% Recovery 96.5 102 104 89.0 97.5 98.5	Ci RPD	onç. Units: RPD Limits	μg/L Recovery Limits 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120
Surrogate	% Recovery	Control Lin							
4-Bromofluorobenzenc	91.5	75 - 125							
Dibromofluoromethane	107	75 - 125	ī						
Toluene-d8	97.1	75 - 125							
	EPA 8260B	0 1 1 1	Cu II. D	00 T-100	Analysis Date	% Recovery	C RPD	onc. Units: RPD Limits	µg/L Recovery Limits
Parameter	Blank (MDL)	Spike Amt	SpikeResult	LCSD	12/17/2004	99.0	2.6	25	80 - 120
1,1-Dichloroethene	<0.2	20.0 20.0	19.8 21.4	LCSD	12/17/2004	107	4.8	25	80 - 120
Benzene	<0.2		21.4	LCSD	12/17/2004	109	5.2	25	80 - 120
Chlorobenzene	<0.2	20.0 20.0	20.6	LCSD	12/17/2004	103	14.6	25	80 - 120
Methyl-t-butyl Ether	<0.3 <0.2	20.0	20.0	LCSD	12/17/2004	102	4.5	25	80 - 120
Toluene	<0.2	20.0	20.4	LCSD	12/17/2004	105	5.9	25	80 - 120
Trichloroethene	~0.2	20.0					X4		- 10 P
Surrogate	% Recovery	Control Li							
4-Bromofluorobenzene	90.1	75 - 12							
Dibromofluoromethane	107	75 - 12							
Toluene-d8	95.9	75 - 12							
LCS Method: Parameter TPH as Gasoline	GC-MS Blank (MDL) <6.45	Spike Amt 125	SpikeResult 127	QC Type LCS	Analysis Date 12/17/2004	% Recovery 101		Conc. Units: RPD Limits	µg/L Recovery Limits 65 - 135
Surrogate	% Recovery	Control Li	mits		and the state of t		1		
4-Bromofluorobenzene	99.1	75 - 12	5						
Dibromofluoromethane	95	75 - 12	5						
Toluene-d8	99	75 - 12	.5						
LCSD Method: Parameter TPH as Gasoline	GC-MS Blank (MDL) <6,45	Spike Amt 125	SpikeResult 113	QC Type LCSD	Analysis Date 12/17/2004	% Recovery 90.0		Conc. Units: RPD Limits 25	μg/L Recovery Limits 65 - 135
Surrogate	% Recovery	Control Li	mits					xa (2008)20	
4-Bromofluorobenzene	98.1	75 - 12	:5						
Dibromofluoromethane	91.4	75 - 12	5						
Dipromoniuoromethane									

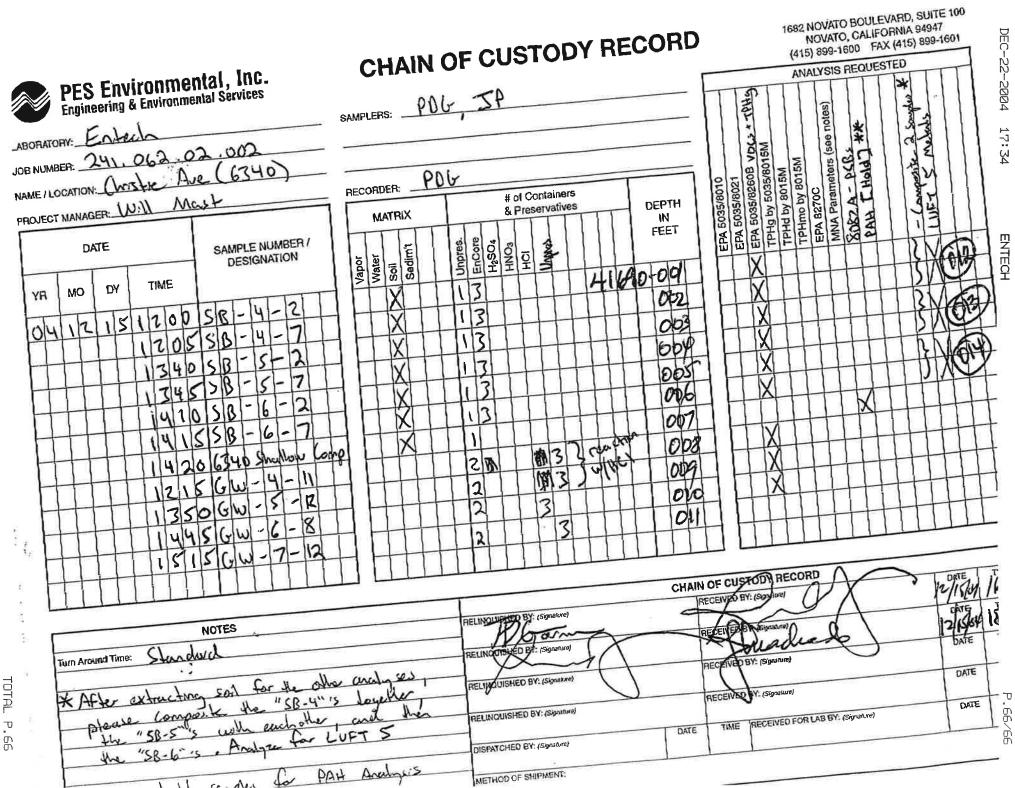
PES Environmental, Inc. Explayering & Environmental Services	CHAIN OF CUSTODY RECORD	1682 NOVATO BOULEVARD, SUITE 100 NOVATO, CALIFORNIA 94947 (415) 899-1600 FAX (415) 899-1601 ☆
E III	_ SAMPLERS: _ POG, JP	ANALYSIS REQUESTED
LABORATORY: Entech JOB NUMBER: 241.062.02.002 NUME/LOCATION Christic Are (6340) PROJECT MANAGER [Will Mark	AECORDER: PDG	(415) 899-1600 FAX (415) 899-1601 ANALYSIS REQUESTED ANALYSIS REQUESTED ANALYSIS REQUESTED HOL LHOR DA 80128W (600 0012W WISI 08050328032805 HOL LHOR DA 80128W WISI 080503 20202800 HOL LHOR DA 80128W WISI 080503 20202800 HOL LHOR DA 80128W WISI 080503 20202800 HOL LHOR DA 80128W HOL LHOR DA
, DATE SAMPLE NUMBER /	MATRIX # of Containers MATRIX & Preservatives DEPTH IN	EPA 5035/8010 EPA 5035/8010 TPHd by 8015M TPHd by 8015M TPHd by 8015M TPHmo by 8015M MNA Parameters (500 SOR7 A - PK(0.1 RON Parameters (500 ANA Parameters (500 RON Parameters (500 FALL CHOLD A
YR MO DY TIME DESIGNATION	TELT A Report	
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170558-4-7	$-\frac{1}{13}$	X X X X
134538-5-7		
1410 SB-6-2	X 13 -006	
14206340 Anulion Co		
1215610-4-11	X z 3 -008	
1350GW-5-R 1445GW-6-8	X 2 3 4 -003 X 2 3 -010	
1515GW-7-12		XXX

2

NOTES	CHAIN OF CUSTOD RECORD								
Turn Around Time: Slan durch	RELINQUERRED BY: (Sprakm)	<	RECEIVED BY: (Signam)			TIME /603			
* After extinction sol for its other analyses	RELINQUESHED BY: (Spreker)	7 .	RECEIVED BYS (Signature)		DATE	TIME			
alouse Campointe the "SB-4"'s loveller	RELINQUISHED BY: (Signaka)	RECEIVEL	D BY: (Signatura)	DATE	TINE				
the "SB-6" is Analyze for LUFT 5	RELINQUISHED BY: (Signature)	RECEIVED	D BY: (Signature)	DATE	THME				
	DISPATCHED BY: (Signalure)	DATE	TIME	RECEIVED FOR LAS BY: (Signalia)	DATE	TIME			
** Please hold scuples for PAH Analysis	METHOD OF SHUPMENT:					•			

P.65/66

1.14



P.66

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FAX COVER SHEET

DATE: <u>Alev. 22, 2004</u>

TO: Company: PES Environmental

Attention: <u>Pete</u> Gorman

FAX: (45) 899 -1601

FROM: Entech

PAGES (INCLUDING COVER): 61

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IF THERE ARE ANY PROBLEMS WITH THIS TRANSMISSION, PLEASE CALL (408) 588-0200

Environmental Analysis Since 1983

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Pete Gorman PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947

Order: 41689 Project Name: Project Number: 241.062.01.002 Certificate ID: 41689 - 12/22/2004 4:07:56 PM

 Date Collected:
 12/15/2004

 Date Received:
 12/15/2004

 P.O. Number:
 241.062.01.002

Certificate of Analysis - Final Report

On December 15, 2004, samples were received under chain of custody for analysis. Entech analyzes samples "as received" unless otherwise noted. The following results are included:

<u>Matrix</u>		<u>Test</u>	Method	<u>Comments</u>
Liquid Solid	ج	EPA 8260B TPH as Gasoline - GC/MS TPH-Extractable EPA 8082A	EPA 8260B GC-MS EPA 8015 MOD. (Extractable) EPA 8082A	
		EPA 8260B LUFT Metals TPH as Gasoline - GCMS TPH-Extractable	ËPA 8260B EPA 6010B GC-MS EPA 8015 MOD. (Extractable)	

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346). If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,

um l'agne for:

Laurie Glantz-Murphy Laboratory Director

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Certificate of Analysis - Data Report

Lab #: 41689-001 Sample ID: SB-1-2

Sample Date: 12/15/2004 8:00 AM

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	00.0.4
TPH as Diesel	ND		20	50	76		1		QC Batel
[PH as Motor Oil	-				mg/Kg	12/16/2004	DS4480B	12/21/2004	DS4480B
	560		20	200	mg/Kg	12/16/2004	D\$4480B	12/21/2004	D\$4480B
Surrogate	Surrogate Recovery	Co	ontrol L	imits (%)	10				
-Terphenyl	92.6		41 -	137				Analyzed by: Jhsian	8
	/=.0			121				Reviewed by: LGL	ANTZ

DEC-22-2004 17:08 EN

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Matrix: Solid

Certificate of Analysis - Data Report

Lab #: 41689-001 Sample ID: SB-1-2

Parameter	Result	Flag DF	Detection Limit	T7-14-	Dues D. 4	n		
1,1,1,2-Tetrachloroethane	ND	0.81	4	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1-Trichlorocthane	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SM\$304121
1,1,2,2-Tetrachlorocthane	ND	0.81	-	μg/Kg	N/A	N/A	12/16/2004	SMS304121
1,1,2-Trichloroethane	ND	0.81	4	μg/Kg	N/A	N/A	12/16/2004	SMS304121
1,1-Dichloroethane	ND		4	µg∕Kg	N/A	N/A	12/16/2004	SMS304121
1,1-Dichloroethene	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS304121
1,1-Dichloropropene	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS304121
1,2,3-Trichlorobenzene	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SM\$304121
1,2,3-Trichloropropane		0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS304121
1,2,4-Trichlorobenzenc	ND	0.81	4	µ₫/Kg	N/A	N/A	12/16/2004	SM\$3041210
1,2,4-Trimethylbenzene	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dibromo-3-Chloropropane	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dibromoethane (EDB)	ŇD	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dichlorobenzene	ND	0,81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
	ND	0.81	4	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dichloroethane	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dichloropropane	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,3,5-Trimethylbenzene	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041210
,3-Dichlorobenzene	ND	0.81	4	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
,3-Dichloropropane	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216 SMS3041216
.4-Dichlorobenzene	ND	0.81	4	μg/Kg	N/A	N/A	12/16/2004	
,4-Dioxane	ND	0.81	81	μg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
2-Dichloropropane	ND	0.81	4	µg/Kg	N/A	N/A		SM\$3041216
2-Butanone (MEK)	ND	0.81	32	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
-Chloroethyl-vinyl Ether	ND	0.81	4	μg/Kg	N/A	N/A N/A	12/16/2004	SMS3041216
-Chlorotoluene	ND	0.81	4	μ <u></u> ε/Kg	N/A		12/16/2004	SMS3041216
-Hexanone	ND	0.81	32	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
-Chlorotoluene	ND	0.81	4	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
-Methyl-2-Pentanone(MIBK)	ND	0.81	32	μg∕Kg	N/A	N/A	12/16/2004	SMS3041216
cetone	ND	0.81	81	μg/Kg	N/A N/A	N/A	12/16/2004	SMS3041216
cetonitrile	ND	0.81	32			N/A	12/16/2004	\$MS3041216
crolein	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
crylonitrile	ND	0.81	4	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
cnzene	ND	0.81	4	µg/Қg	N/A	N/A	12/16/2004	SM\$3041216
enzyl Chloride	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
romobenzene	ND	0.81	4	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
romochloromethane	ND	0.81		μg/Kg	N/A	N/A	12/16/2004	SMS3041216
omodichloromethane	ND	0.81	4	µg/Кg	N/A	N/A	12/16/2004	SM53041216
omoform	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
omomethane	ND	0.81		µg/Kg	N/A	N/A	12/16/2004	SMS3041216
rbon Disulfide	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
rbon Tetrachloride	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
llorobenzene	ND	0.81	4	µg/Кg	N/A	N/A	12/16/2004	SM53041216
loroethane	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
loroform	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
loromethune	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
	- 7 7	V.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216

Detection Limit = Detection Limit for Reporting.

DF - Dilution and/or Prep Factor including sample volume adjustments.

Sample Date: 12/15/2004 8:00 AM

Result

ENTECH

DF

Detection Limit

Units

Frep Date

Flag

75

- 125

75 - 125

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-001 Sample ID: SB-1-2

Method: EPA 8260B / EPA 5035A / Purge & Trap

Parameter

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Prep Batch

Matrix: Solid Sample Date: 12/15/2004 8:00 AM

Analysis Data

cis-1,2-Dichloroethene			Detection Chille	Cuita	Frep Date	Ргер Ватев	Analysis Date	QC Batch
cis-1,3-Dichloropropene	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Cyclohexanone	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Dibromochtoromethanc	ND	0,81	32	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Dibromomethane	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Dichlorodifluoromethane	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Diisopropyl Ether	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Ethyl Benzene	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Freen 113	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Hexachlorobutadiene	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Iodomethanc	ND	0.81	32	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Isopropanol	ND	0.81	81	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Isopropylbenzene	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Methyl-t-butyl Ether	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Methylenc Chloride	ND	0.81	20	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
n-Butylbenzene	ND	0.81	4	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
n-Propylbenzene	ND	0.81	4	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216 SM\$3041216
Naphthalene	ND	0.81	4	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
p-isopropyltoluene	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Pentachloroethanc	ND	0.81	4	μg/Kg	N/A	N/A	12/16/2004	
sec-Butylbenzene	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Styrene	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
tert-Amyl Methyl Ether	ND	0.81	4	µg/Kg	N/A	N/A		SMS3041216
tert-Butanol (TBA)	ND	0.81	32	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
tert-Butyl Ethyl Ether	ND	0.81	4	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
tert-Butylbenzene	ND	0.81	4	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
Tetrachlorocthene	ND	0.81	4	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Tetrahydrofuran	ND	0.81	32	µg/Қg	N/A	N/A	12/16/2004	SMS3041216
Toluene	ND	0.81	4	μg/Kg	N/A	N/A N/A	12/16/2004	SM\$3041216
trans-1,2-Dichlorocthene	ND	0.81	4	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
trans-1,3-Dichloropropene	ND	0.81	4	µg/Kg	N/A		12/16/2004	SMS3041216
trans-1,4-Dichloro-2-butene	ND	0.81	32	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
Trichloroethene	ND	0.81	4	µ∉∕Кg µg/Кg		N/A	12/16/2004	SMS3041216
Trichlorofluoromethanc	ND	0.81	4	µg/Кg µg/Кg	N/A N/A	N/A	12/16/2004	SMS3041216
Vinyl Chloride	ND	0.81	4	-		N/A	12/16/2004	\$M\$3041216
Xylenes, Total	ND	0.81	7 8.1	µġ/Kg ₩a∕Ka	N/A	N/A	12/16/2004	SM\$3041216
Surrogate	Surrogate Recovery	Control Limi		µg/Kg	N/A	N/A	12/16/2004	SMS3041216
4-Bromofluorobenzenc	98.7		25				Analyzed by: BELA	
Dilius di								

Analyzed by: BELA

Reviewed by: MTU

P.05

OC Patab

Detection Limit = Detection Limit for Reporting.

Dibromofluoromethane

Toluene-d8

DF = Dilution and/or Prep Factor including sample volume adjustments.

102

108

3334 Victor Court, Santa Clara, CA 95054

108

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Tolucne-d8

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Lab #: 41689-001	Sample ID: SB-	1-2]	Date: 12/15/200	04 8:00 AM		
Method: GC-MS								
Parameter	Result	Flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	OC Batch
TPH as Gasoline	ND	0.81	40	µg/KG	N/A	N/A	12/16/2004	SMS3041216
Surrogate	Surrogate Recovery	Control L	imity (%)					
4-Bromofluorobenzenc	98.7	75 -	125				Analyzed by: BEL	4
Dibromofluoromethane	102	75 -	125				Reviewed by: MT(J

75 - 125

125

75 -

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Lab #: 41689-002	Sample ID: SB-1	1-7				Matrix: Solid	Sample]	Date: 12/15/2004	8:05 AM
Method: EPA 8015 MOI	D. (Extractable) / EPA 3	545 / Pr	cssurized	f Fluid Extraction,	MeCl				
Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		5	13	mg/Kg	12/16/2004	D\$4480B	12/17/2004	DS4480B
TPH as Motor Oil	140		5	50	mg/Kg	12/16/2004	DS4480B	12/17/2004	D\$4480B
Surrogate	Surrogate Recovery	C	ontrol Li	mits (%)		the second		Analyzed by: Jhsiang	
o-Terphenyl	103		41 - 137						
								Reviewed by: LOLAI	NTZ

ENTECH

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-002 Sample ID: SB-1-7

Method: EPA 8260B / EPA 5035A / Purge & Trap

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241,062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Matrix: Solid Sample Date: 12/15/2004 8:05 AM

Parameter	Result	Flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachlorocthane	ND	0.83	4.2	µg/Кg	N/A	N/A	12/16/2004	SM\$3041216
1,1,1-Trichloroethane	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1,2,2-Tetrachlorocthane	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,1,2-Trichloroethane	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1-Dichloroethane	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,1-Dichloroethene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1-Dichloropropene	ND	0.83	4,2	µg/Кg	N/A	N/A	12/16/2004	SM\$3041216
1,2,3-Trichlorobenzene	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,3-Trichloropropane	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	
1,2,4-Trichlorobenzene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,4-Trimethylbenzene	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,2-Dibromo-3-Chloropropane	ND	0.83	4.2	μg/Kg	N/A	N/A		SMS3041216
1,2-Dibromoethane (EDB)	ND	0.83	4,2	μg/Kg	N/A		12/16/2004	SMS3041216
1,2-Dichlorobenzene	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dichloroethane	ND	0.83	4,2	με/κε με/Kg		N/A	12/16/2004	SMS3041216
1,2-Dichloropropane	ND	0.83	4.2		N/A	N/A	12/16/2004	SMS3041216
1,3,5-Trimethylbenzene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,3-Dichlorobenzenc	ND	0.83		µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,3-Dichloropropane	ND	0.83	4,2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
,4-Dichlorobenzenc	ND	0.83	4.2	µ <u>¢</u> ∕Қg	N/A	N/A	12/16/2004	SMS3041216
I,4-Dioxane	ND	0.83	4.2	µg/Кg	N/A	N/A	12/16/2004	SM\$3041216
2,2-Dichloropropane	ND	0.83	83	µg/Kg	N/A	N/A	12/16/2004	\$M\$30 41216
2-Butanone (MEK)	ND		4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
2-Chloroethyl-vinyl Ether	ND	0.83	33	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
2-Chlorotoluene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
2-Hexanone	ND	0.83	4.2	µg/Кg	N/A	N/A	12/16/2004	SM\$3041216
-Chlorotoluene		0.83	33	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
-Methyl-2-Pentanonc(MIBK)	ND ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Acetone		0.83	33	µg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
Acetonitrile	ND	0.83	83	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Acrolein	ND	0.83	33	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
crylonitrile	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Scnzene	ND	0.83	4.2	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
enzyl Chloride	ND	0.83	4,2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
romobenzene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
romochloromethanc	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
romodichloromethanc	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
romotorm	ND	0.83	4,2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
romomethane	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
arbon Disulfide	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
arbon Disurnac	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
hlorobenzene	ND	0,83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
hloroethane	ND	0.83	4.2	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
hioroform	ND	0.83	4,2	µg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
hloromethane	ND	0.83	4.2	µg/Қg	N/A	N/A	12/16/2004	SMS3041216

Detection Limit = Detection Limit for Reporting, DF = Dilution and/or Prep Pactor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

ENTECH

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-002 Sample ID: SB-1-7

Method: EPA 8260B / EPA 5035A / Purge & Trap

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Matrix: Solid Sample Date: 12/15/2004 8:05 AM

Parameter	Result	Flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichlorocthene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	
cis-1,3-Dichloropropene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Cyclohcxanone	ND	0.83	33	μg/Kg	N/A	N/A		SM\$3041216
Dibromochloromethane	ND	0,83	4.2	μg/Kg	N/A	N/A N/A	12/16/2004	SM\$3041216
Dibromomethanc	ND	0.83	4.2	μg/Kg	N/A		12/16/2004	SMS3041216
Dichlorodifluoromethane	ND	0.83	4.2	μg/Kg μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Diisopropyl Ether	ND	0.83	4.2	μg/Kg	N/A N/A	N/A	12/16/2004	SM\$3041216
Ethyl Benzene	ND	0.83	4,2	μg/Kg μg/Kg	N/A N/A	N/A	12/16/2004	SMS3041216
Frcon 113	ND	0,83	4.2	µв∕Кg	N/A N/A	N/A	12/16/2004	SMS3041216
Hexachlorobutadiene	ND	0.83	4.2			N/A	12/16/2004	SM\$3041216
Iodomethane	ND	0.83	33	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Isopropanol	ND	0.83	83	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Isopropylbenzene	ND	0.83		μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Methyl-t-butyl Ether	ND		4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Methylene Chloride	ND	0.83	4,2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
n-Butylbenzene	ND	0.83	21	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
n-Propylbenzene	ND	0.83	4,2	µg∕Kg	N/A	N/A	12/16/2004	SMS3041216
Naphthalene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
p-isopropyitoluene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
Pentachloroethane		0,83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
sec-Butylbenzene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Styrene	ND	0.83	4.2	μǥ∕Қg	N/A	N/A	12/16/2004	\$M\$3041216
•	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
ert-Amyl Methyl Ether	ND	0,83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
ert-Butanol (TBA)	ND	0.83	33	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
ert-Butyl Ethyl Ether	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
ert-Butylbenzene	ND	0.83	4.2	µg/Қg	N/A	N/A	12/16/2004	SMS3041216
fetrachloroethene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
etrahydrofuran	ND	0.83	33	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
'oluenc	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
ans-1,2-Dichlorocthene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
ans-1,3-Dichloropropene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM53041216
ans-1,4-Dichloro-2-butenc	ND	0.83	33	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
richloroethene	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
richlorofluoromethane	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216 SMS3041216
inyl Chloride	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	
ylenes, Total	ND	0.83	8.3	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
	Surrogate Recovery	Control Li				4.17.6		SMS3041216
-Bromofluorobenzene	99,9		125				Analyzed by: BELA	
Dibromofluoromethune	106						Reviewed by MTT	

Reviewed by: MTU

106

107

75

75

125 -

125 .

Dibromofluoromethane

Toluene-d8

ENTECH

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-002 Sample ID: SB-1-7

Matrix: Solid Sample Date: 12/15/2004 8:05 AM

Method: GC-MS

Parameter	Result	Flag DF	5	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasolinc	ND	0.8	3	42	µg/KG	N/A	N/A	12/16/2004	SMS3041216
Surrogate	Surrogate Recovery	Control	Lin	1its (%)				16/10/2004	31/133041210
4-Bromofluorobenzene	99.9	75		125				Analyzed by: BEL	л
Dibromofluoromethane	106	75	-	125				Reviewed by: MT	U
Tolucne-d8	107	75	•	125					

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

ENTECH

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-003 Sample ID: SB-2-2

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241,062.01.002 Sampled By: Client

Lab #: 41689-00;	3 Sample ID: SB-2	2-2	22			Matrix: Soli	d Sample]	Date: 12/15/2004	9:55 AM
Mcthod: EPA 8015 M	IOD. (Extractable) / EPA 3	545 / Pro	essurized	I Fluid Extraction,	MeCl			**	
Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	OC Batch
TPH as Diesel	ND		2	5	mg/Kg		DS4480B	12/17/2004	DS4480B
TPH as Motor Oil	40		2	20	mg/Kg		D\$4480B	12/17/2004	D\$4480B
Surrogate o-Terphenyl	Surrogate Recovery 52.5	Co	ontrol Li 41 -	mits (%) 137				Analyzed by: Jhsian Reviewed by: LGL/	8

DF = Dilution and/or Prep Factor including sample volume adjustments.

Result

Flag

DF

Detection Limit

Units

Prep Date

ENTECH

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-003 Sample ID: SB-2-2

Method: EPA 8260B / EPA 5035A / Purge & Trap

Parameter

Phone: (408) 588-0200 Fax: (408) 588-0201

Prep Batch

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Matrix: Solid Sample Date: 12/15/2004 9:55 AM

Analysis Date

1 M M M M M M M M M M M M M M M M M M M			D'ULCCHUCH LABALIS	C IALCO	A rep Date	riep Dates	Analysis Date	QC Daten
1,1,1,2-Tetrachlorocthane	ND	0.82	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1,1-Trichlorocthane	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
1,1,2,2-Tctrachioroethane	ND	0.82	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1,2-Trichloroethane	ND	0.82	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1, I-Dichloroethane	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1.1-Dichlorocthene	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1-Dichloropropene	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,3-Trichlorobenzene	ND	0.82	4.I	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,3-Trichloropropane	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
1,2,4-Trichlorobenzene	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,4-Trimethylbenzene	ND	0.82	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dibromo-3-Chloropropane	ND	0,82	4,1	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dibromocthane (EDB)	ND	0.82	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dichlorobenzene	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,2-Dichloroethane	ND	0.82	4.1	µg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
1,2-Dichloropropane	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,3,5-Trimethylbenzene	ND	0.82	4,1	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,3-Dichlorobenzene	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	
1,3-Dichloropropane	ND	0.82	4,1	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
1,4-Dichlorobenzenc	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,4-Dioxane	ND	0.82	82	<i>µg/</i> Кg	N/A	N/A	12/16/2004	SMS3041216
2,2-Dichloropropanc	ND	0.82	4,1	μg/Kg	N/A	N/A		SMS3041216
2-Butanone (MEK)	ND	0.82	33	µg∕Кg	N/A	N/A	12/16/2004	SMS3041216
2-Chloroethyl-vinyl Ether	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
2-Chlorotoluene	ND	0,82	4.1	μ <i>g</i> /Қg	N/A	N/A	12/16/2004	SMS3041216
2-Hexanone	ND	0.82	33	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
4-Chlorotoluene	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
4-Methyl-2-Pentanone(MIBK)	ND	0.82	33	μg/Kg	N/A	N/A	12/16/2004 12/16/2004	SMS3041216
Acetone	ND	0.82	82	µg/Kg	N/A	N/A		SMS3041216
Acetonitrile	ND	0.82	33	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Acrolein	ND	0.82	4,1	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
Acrylonitrile	ND	0.82	4.1	μg/Kg	N/A		12/16/2004	SMS3041216
Benzene	ND	0.82	4.1	μg/Kg	N/A	N/A N/A	12/16/2004	SMS3041216
Benzyl Chloride	ND	0.82	4,1	µg/Kg	N/A		12/16/2004	SMS3041216
Bromobenzene	ND	0.82	4.1	<i>⊭в∕</i> ⊾s µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Bromochloromethane	ND	0.82	4.1	μ <u>ε</u> /κε με/κε	N/A N/A	N/A	12/16/2004	SMS3041216
Bromodichloromethane	ND	0.82	4.1	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
Bromoform	ND	0.82	4.1	µ∉∕Кg	N/A	N/A N/A	12/16/2004	\$M\$3041216
Bromomethane	ND	0.82	4.1	µg/Кg	N/A	N/A N/A	12/16/2004	SM\$3041216
Carbon Disulfide	ND	0.82	4,1	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
Carbon Tetrachloride	ND	0.82	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Chlorobenzene	ND	0,82	4.1	µg/Kg	N/A		12/16/2004	SMS3041216
Chloroethane	ND	0.82	4.1	μg/Kg	N/A	N/A N/A	12/16/2004 12/16/2004	SMS3041216
Chloroform	ND	0.82	4.1	µg∕Кg	N/A	N/A		SMS3041216
Chloromethane	ND	0.82	4.1	μg/Kg	N/A	N/A N/A	12/16/2004	SM\$3041216
				h Bi w B	13/2%	IN/A	12/16/2004	SMS3041216

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

QC Batch

ENTECH

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-003 Sample ID: SB-2-2

Method: EPA 8260B / EPA 5035A / Purge & Trap

Phone: (408) 588-0200

Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Matrix: Solid Sample Date: 12/15/2004 9:55 AM

Parameter	Result	Flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SMS3041210
cis-1,3-Dichloropropene	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SMS3041210
Cyclohexanone	ND	0.82	33	µg/Kg	N/A	N/A	12/16/2004	SMS3041210
Dibromochloromethane	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Dibromomethane	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SMS3041210
Dichlorodifluoromethane	ND	0.82	4.1	µg/Kg	N/A	N/A	12/16/2004	SM\$3041210
Diisopropyl Ether	ND	0.82	4.1	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Ethyl Bonzone	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SMS3041210
Freon 113	ND	0.82	4,1	μg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
Hexachlorobutadiene	ND	0.82	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS3041210
lodomethane	ND	0.82	33	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Isopropanol	ND	0.82	82	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
lsopropyibenzene	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Methyl-t-butyl Ether	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	
Methylene Chloride	ND	0.82	21	µg/Кg	N/A	N/A	12/16/2004	SM\$3041216
n-Butylbenzene	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
n-Propylbenzene	ND	0.82	4.1	μg/Kg	N/A	N/A N/A		\$M\$3041216
Naphthalene	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
p-lsopropyltoluene	ND	0.82	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Pentachloroethanc	ND	0.82	4.1	<i>µg/</i> Кg	N/A		12/16/2004	\$M\$3041216
cc-Butylbenzene	ND	0.82	4.1	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Styrene	ND	0.82	4.1	μ <u></u> ε/Кg μg/Kg	N/A N/A	N/A	12/16/2004	SMS3041216
ert-Amyl Methyl Ether	ND	0.82	4.1	μ <u></u> g/К.g		N/A	12/16/2004	SMS3041216
crt-Butanol (TBA)	ND	0.82	33		N/A	N/A	12/16/2004	SM\$3041216
ert-Butyl Ethyl Ether	ND	0.82	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
ert-Butylbenzene	ND	0,82	4.1	μg/K.g	N/A	N/A	12/16/2004	SMS3041216
etrachloroethene	ND	0.82	4.1	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
fctrahydrofuran	ND	0.82	33	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
oluene	ND	0.82	4,1	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
rans-1,2-Dichloroethenc	ND	0.82	4.1	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
rans-1,3-Dichloropropene	ND	0.82	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
ans-1,4-Dichloro-2-butene	ND	0.82		µg/Kg	N/A	N/A	12/16/2004	SMS3041216
richloroethene	ND	0.82	33	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
richlorofluoromethane	ND	0.82	4.1	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
inyl Chloride	ND	0.82	4.I	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
ylencs, Total	ND		4.1	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Surrogate	Surrogate Recovery	0.82	8.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
4-Bromofluorobenzene	98.8	Control Lin 75 -					Analyzed by: BELA	
Dibromofluoromethane	105		125				Reviewed by: MTU	r
Foluene-d8	110	75 - 75 -	125					

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-003 Sample ID: SB-2-2

Matrix: Solid Sample Date: 12/15/2004 9:55 AM

Method: GC-MS

Parameter	Result	Flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND	0.82	41	µg/KG	N/A	N/A	12/16/2004	SMS3041216
Surrogate	Surrogate Recovery	Control L	imits (%)				· · · · · · · · · · · · · · · · · · ·	
4-Bromofluorobenzene	98.8	75 -	125				Analyzed by: BEL	A
Dibromofluoromethane	105	75 -	125				Reviewed by: MT	U
Toluene-d8	110	75 -	125					

Phone: (408) 588-0200

Project Name:

Project Number: 241.062.01.002

P.O. Number: 241.062.01.002

Date Received: 12/15/2004

Sampled By: Client

Fax: (408) 588-0201

P.14

ENTECH

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

L

b#: 41689-004	Sample ID: \$B-2-7	
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Lab #: 41689-004	Sample ID:	\$B-2-7
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b#;	41689-004	Sample ID:	\$B-2-7

Method: EPA 8015 M	IOD. (Extractable) / EPA 3	545 / Pi	essurize	d Fluid Extraction.	MeCl	1.5		
Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date
TPH as Diesel	ND		1	2,5	mg/Kg	12/16/2004	DS4480B	
TPH as Motor Oil	47		1	10	mg/Kg	12/16/2004	DS4480B	12/17/2004 12/17/2004
Surrogate	Surrogate Recovery	Ċ	ontrol L	imits (%)			DUTTOUL	
o-Terphonyl	89.7		41 -	137				Analyzed by: Jhsiang

Detection Limit = Detection Limit for Reporting. DF = Dilution and/or Prep Factor including sample volume adjustments.

12/22/2004 4-13-45 PM - GGurrArmiana

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Matrix: So	olid Sam	ple Date:	12/15/2004	10:00 AM

QC Batch

DS4480B

D\$4480B

Reviewed by: LGLANTZ

ENTECH

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-004 Sample ID: SB-2-7

Method: EPA 8260B / EPA 5035A / Purge & Trap

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Matrix: Solid Sample Date: 12/15/2004 10:00 AM

Parameter	Result	Flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachlorocthane	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1, 1, 1-Trichloroethane	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1,2,2-Tetrachlorocthane	ND	5	25	µg/Кд	N/A	N/A	12/16/2004	SM\$3041216
1,1,2-Trichloroethane	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1-Dichlorocthane	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1-Dichloroethene	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,1-Dichloropropene	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,3-Trichlorobenzene	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,3-Trichloropropane	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,4-Trichlorobenzenc	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,2,4-Trimethylbenzene	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
1,2-Dibromo-3-Chloropropune	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dibromocthane (EDB)	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SM53041216
1,2-Dichlorobenzene	ND	\$	25	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dichloroethane	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	
1,2-Dichloropropane	ND	5	25	μg/Kg	N/A	N/A		SMS3041216
1,3,5-Trimethylbenzene	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,3-Dichlorobenzenc	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,3-Dichloropropane	ND	5	25	μg/Kg			12/16/2004	SM\$3041216
1,4-Dichlorobenzene	ND	5	25	μ <i>g</i> /Kg	N/A	N/A	12/16/2004	SMS3041216
,4-Dioxane	ND	5	500		N/A	N/A	12/16/2004	SMS3041216
2,2-Dichloropropanc	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
2-Butanone (MEK)	ND	5	200	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
2-Chlorocthyl-vinyl Ether	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
-Chlorotoluene	ND	5		µg/Kg	N/A	N/A	12/16/2004	SMS3041216
2-Hexanone	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
	ND		200	μg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
-Methyl-2-Pentanone(MIBK)	ND	5	25	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
Acctone		5	200	μg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
Acetonitrile	ND ND	5	500	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Acrolein		5	200	μg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
Acrylonitrile	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Benzenç	ND	S	25	μ g/Kg	N/A	N/A	12/16/2004	SMS3041216
Senzyl Chloride	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Bromobenzene	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
romochloromethanc	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
romodichloromethane	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
romoform	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
romomethane	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
arbon Disulfide	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
arbon Tetrachloride	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
hlorobenzene	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
hloroethane	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
hloroform	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
hloromethane	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-004 Sample ID: SB-2-7

Method: EPA 8260B / EPA 5035A / Purge & Trap

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Matrix: Solid Sample Date: 12/15/2004 10:00 AM

Parameter	Result	Flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
cis-1,3-Dichloropropene	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Cyclohexanone	ND	5	200	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Dibromochloromethane	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Dibromomethane	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Dichlorodifluoromethane	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Diisopropyl Ether	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Ethyl Benzene	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Freon 113	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Hexachlorobutadiene	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SM33041216
Iodomethane	ND	5	200	µg/Кg	N/A	N/A	12/16/2004	
Isopropanol	ND	5	500	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Isopropylbenzene	ND	5	25	μg/Kg	N/A	N/A		SMS3041216
Methyl-t-butyl Ether	ND	5	25	µg/Kg	N/A	N/A N/A	12/16/2004	SMS3041216
Methylene Chloride	ND	5	130	μg/Kg μg/Kg	N/A	N/A N/A	12/16/2004	\$M\$3041216
n-Butylbenzenc	ND	5	25	μg/Kg	N/A N/A		12/16/2004	SM\$3041216
n-Propylbenzene	ND	5	25			N/A	12/16/2004	SMS3041216
Naphthalene	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
p-Isopropyltoiuene	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Pentachlorocthane	ND	5	25	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
sec-Butylbenzene	ND	S	25 25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Styrene	ND	5		µg/Kg	N/A	N/A	12/16/2004	SMS3041216
ert-Amyl Methyl Ether	ND	5	25	µg/Кg 	N/A	N/A	12/16/2004	SMS3041216
crt-Butanol (TBA)	ND		25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
tert-Butyl Ethyl Ether	ND	5	200	µg/Қg	N/A	N/A	12/16/2004	SM\$3041216
ert-Butylbenzene	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Tetrachloroethene	ND ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Fetrahydrofuran		5	25	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Foluenc	ND	5	200	µg/Kg	N/A	N/A	12/16/2004	SM53041216
rans-1,2-Dichloroethene	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
rans-1,3-Dichloropropene	ND ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
rans-1,4-Dichloro-2-butene		5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Tichloroethene	ND	5	200	µg/Кg	N/A	N/A	12/16/2004	SM\$3041216
richlorofluoromethane	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
inyl Chloride	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
•	ND	5	25	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
(ylones, Total	ND	5	50	µg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
Surrogate	Surrogate Recovery	Control Li					Analyzed by: BELA	
4-Bromofluorobenzene	96.4	75 -	125				Reviewed by: MTU	
Dibromofluoromethane	113	75 -	125				ANTIONOL DY. MIL	,
Toluenc-d8	112	75 -	125					

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PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-004 Sample ID: SB-2-7

Matrix: Solid Sample Date: 12/15/2004 10:00 AM

Method: GC-MS				100	1					
Parameter	Result	Flag	DI	7	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	OC Basel
TPH as Gasoline	3000		5		250	ug/KG	N/A	N/A	12/16/2004	QC Batch
Surrogate	Surrogate Recovery	Co	ntro	Li	mits (%)	Period		IVA		SMS3041216
4-Bromofluorobenzene	96.4		75	_	125				Analyzed by: BEL	A
Dibromofluoromethane	113		75	_	125				Reviewed by: MT	U
Toluene-d8	112		75	-	125					

Phone: (408) 588-0200

Project Name:

Project Number: 241.062.01.002

P.O. Number: 241.062.01.002

Date Received: 12/15/2004

Sampled By: Client

Fax: (408) 588-0201

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Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Lab #: 41689-005	Sample ID: SB-;	3-2				Matrix: Solid	a Sample I	Date: 12/15/2004	10:40 AM
Method: EPA 8015 MO	D. (Extractable) / EPA 3	545 / Pro	¢\$\$urize(fluid Extraction,	MeCl			×	
Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND	1Wonst	5	13	mg/Kg	12/16/2004	DS4480B	12/17/2004	D\$4480B
TPH as Motor Oil	150		5	50	mg/Kg	12/16/2004	DS4480B	12/17/2004	DS4480B
Surrogate	Surrogate Recovery	C		imits (%)				Analyzed by: Jhsiang	1
o-Terphenyl	95.0		41 -	137				Reviewed by: LGLA	NTZ

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3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab # : 41689-005 Sample ID; SB-3-2

Method: EPA 8260B / EPA 5035A / Purge & Trap

te 100 Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002

Phone: (408) 588-0200

Sampled By: Client

Matrix: Solid Sample Date: 12/15/2004 10:40 AM

Parameter	Result	Flag DF	Detection Limit	Units	Prop Data	Deve Devel		
1,1,1,2-Tetrachloroethane	ND	0.83	4.2		Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1-Trichloroethane	ND	0.83		µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1,2,2-Tetrachloroethane	ND	0.83	4.2 4.2	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,1,2-Trichloroethane	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1-Dichloroethane	ND	0.83		µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,1-Dichloroethenc	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,1-Dichloropropene	ND		4.2	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,2,3-Trichlorobenzene	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,3-Trichloropropane	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,4-Trichlorobenzenc	ND	0.83	4.2	µg∕Kg	N/A	N/A	12/16/2004	SMS3041216
1,2,4-Trimethylbenzene		0.83	4,2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dibromo-3-Chloropropane	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dibromoethanc (EDB)	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,2-Dichlorobenzene	ND	0.83	4.2	μġ/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dichlorocthane	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,2-Dichloropropane	ND	0.83	4.2	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
1,3,5-Trimethylbenzene	ND	0.83	4.2	μg/K.g	N/A	N/A	12/16/2004	SM\$3041216
1,3-Dichlorobenzene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,3-Dichloropropane	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
1,4-Dichlorobenzenc	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
1,4-Dioxane	ND	0.83	83	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
2,2-Dichloropropane	ND	0.83	4.2	μ g/K g	N/A	N/A	12/16/2004	
2-Butanone (MEK)	ND	0.83	33	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
2-Chloroethyl-vinyl Ether	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
2-Chlorotoluene	ND	0.83	4,2	µg/Kg	N/A	N/A		SMS3041216
2-Hexanone	ND	0.83	33	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
4-Chlorotoluene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
4-Methyl-2-Pentanone(MIBK)	ND	0.83	33	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
Acetone	ND	0.83	83	μ g /Kg	N/A	N/A N/A	12/16/2004	SM\$3041216
Acetonitrilc	ND	0.83	33	μ g/Kg	N/A	N/A	12/16/2004	SMS3041216
Acrolein	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Acrylonitrile	ND	0.83	4.2	µg/Kg	N/A		12/16/2004	SMS3041216
Benzenc	ND	0.83	4.2	µg/Kg		N/A	12/16/2004	SMS3041216
Benzyl Chloride	ND	0.83	4.2	µg∕Кg	N/A	N/A	12/16/2004	SMS3041216
Bromobenzene	ND	0.83	4.2		N/A	N/A	12/16/2004	SMS3041216
Bromochloromethanc	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Bromodichloromethane	ND	0.83	4.2	µg/Кg	N/A	N/A	12/16/2004	SMS3041216
Bromoform	ND	0.83	4.2	µg/Kg µg/Ka	N/A	N/A	12/16/2004	SMS3041216
Bromomethanc	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Carbon Disulfide	ND	0.83		µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Carbon Tetrachloride	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Chlorobenzene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Chloroethane	ND		4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Chloroform	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Chloromethane	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
	111/	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

Fax: (408) 588-0201

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3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-005 Sample ID: SB-3-2

Method: EPA 8260B / EPA 5035A / Purge & Trap

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241,062,01,002 Sampled By: Client

Matrix: Solid Sample Date: 12/15/2004 10:40 AM

cis-1,2-Dichloroethene cis-1,3-Dichloropropene Cyclohexanone Dibromochloromethane	Result ND ND ND ND ND ND	Flag DF 0.83 0.83 0.83 0.83 0.83 0.83	Detection Limit 4.2 4.2 33 4.2	Units µg/Kg µg/Kg µg/Kg	Prep Date N/A N/A	Prep Batch N/A N/A	Analysis Date 12/16/2004	QC Batch SMS3041216
cis-1,3-Dichloropropene Cyclohexanone Dibromochloromethane	ND ND ND	0.83 0,83 0.83	4.2 33	μg/Kg				SM33041216
Cyclohexanone Dibromochloromethanc	ND ND ND	0.83 0.83	33		19/11		10/12/0001	C1 (010/101/
	ND ND	0.83			N/A	N/A N/A	12/16/2004	SMS3041216
DII	ND			µg/Кg	N/A N/A		12/16/2004	\$M\$3041216
Dibromomethane		V103	4.2		N/A	N/A	12/16/2004	SMS3041216
Dichlorodifluoromethane	110	0.83	4.2	μg/Kg μg/Kg	N/A N/A	N/A	12/16/2004	SMS3041216
Diisopropyl Ether	ND	0.83	4.2			N/A	12/16/2004	SMS3041216
Ethyl Benzenc	ND	0.83	4.2	µg∕Кg	N/A	N/A	12/16/2004	SMS3041216
Freon 113	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Hexachlorobutadiene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Iodomethane	ND	0.83		µg/Kg	N/A	N/A	12/16/2004	\$MS3041216
Isopropanol	ND		33	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Isopropylbenzene		0.83	83	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Methyl-t-butyl Ether	ND ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Methylene Chloride		0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
n-Butylbenzene	ND	0.83	21	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
n-Propylbenzene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
	ND	0.83	4,2	μg/Kg	N/A	N/A	12/16/2004	SM\$3041216
Naphthalene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
p-isopropyltoluene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Pentachloroethanc	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
sec-Butylbenzene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Styrene	DN	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
tert-Amyl Methyl Ether	ND	0,83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
tert-Butanol (TBA)	ND	0.83	33	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
tert-Butyl Ethyl Ether	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
tert-Butylbenzene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Tetrachloroethene	ND	0.83	4.2	µg/К g	N/A	N/A	12/16/2004	\$M\$3041216
Tetrahydrofuran	ND	0.83	33	µg/Қg	N/A	N/A	12/16/2004	SMS3041216
Foluene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
rans-1,2-Dichloroethene	ND	0.83	4.2	µg/Kg	N/A	N/A	12/16/2004	SM\$3041216
rans-1,3-Dichloropropene	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
rans-1,4-Dichloro-2-butenc	ND	0.83	33	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
frichloroethene	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	\$M\$3041216
Frichlorofluoromethane	ND	0.83	4,2	μ <u>g</u> /Kg	N/A	N/A	12/16/2004	SMS3041216
Vinyl Chloride	ND	0.83	4.2	μg/Kg	N/A	N/A	12/16/2004	SMS3041216
Kylenes, Total	ND	0.83	8.3	µg/Kg	N/A	N/A	12/16/2004	SMS3041216
Surrogate	Surrogate Recovery	Control Lin				A 1/ A B	10 m	
4-Bromofluorobenzene	106	75 -	125				Analyzed by: BELA	
Dibromofluoromethane	111	75 -	125				Reviewed by: MTU	J
Toluene-d8	114	75 -	125					

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-005 Sample ID: SB-3-2

Matrix: Solid Sample Date: 12/15/2004 10:40 AM

Method: GC-MS

Parameter	Result	Flag	DF	;	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		0.8	3	42	µg/KG	N/A	N/A	12/16/2004	SMS3041216
Surrogate	Surrogate Recovery	¢	ontro	Li	nits (%)					
4-Bromofluorobenzene	106		75	-	125				Analyzed by: BEL	
Dibromofluoromethane	111		75	-	125				Reviewed by: MT	U
Toluenc-d8	114		75	-	125					

Phone: (408) 588-0200

Project Name:

Project Number: 241.062.01.002

P.O. Number: 241.062.01.002

Date Received: 12/15/2004

Sampled By: Client

Fax: (408) 588-0201

ENTECH

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-006 Sample ID: SB-3-7

Matrix; Solid Sample Date: 12/15/2004 10:45 AM

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	OC Batch
TPH as Diesel	ND		10	25	mg/Kg	12/16/2004	D\$4480B	12/18/2004	D\$4480B
PH as Motor Oil	360		10	100	mg/Kg	12/16/2004	DS4480B	12/18/2004	DS4480B
Note: Light of	il present in Motor Oil rang	e(C16-C3	8).		~ ~		pp(1002	12/10/2004	17044000
Surrogate	Surrogate Recovery	C	ntrol L	imits (%)			1	Anal di Tui	
0-Terphenyl	77.3		41 -	137				Analyzed by: Jusiar	NG C
								Reviewed by: LGL	antz

Phone: (408) 588-0200

Project Name:

Project Number: 241.062.01.002

P.O. Number: 241.062.01.002

Date Received: 12/15/2004

Sampled By: Client

Detection Limit = Detection Limit for Reporting. $DF \approx Dilution$ and/or Prep Factor including sample volume adjustments,

12/22/2004 4:13:46 PM - GGuessieur

Fax: (408) 588-0201

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-006 Sample ID: SB-3-7

Method: EPA 8260B / EPA 5035A / Purge & Trap

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Matrix: Solid Sample Date: 12/15/2004 10:45 AM

Parameter	Result	Flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethanc	ND	140	and the second s	μg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
1,1,1-Trichlorocthane	ND	140		µg/Кg	12/16/2004	PMS041216	12/17/2004	SM\$3041216B
1,1,2,2-Tetrachlorocthane	ND	140		μg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
1,1,2-Trichloroethane	ND	140		μg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
1,1-Dichloroethanc	ND	140	700	μg/Kg	12/16/2004	PMS041216	12/17/2004	\$M\$3041216B
1,1-Dichlorocthene	ND	140	700	μg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
1,1-Dichloropropene	ND	140	700	μg/Kg	12/16/2004	PM\$041216	12/17/2004	SMS3041216B
1,2,3-Trichlorobenzene	ND	140	700	μg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
1,2,3-Trichloropropane	ND	140	700	µg/Kg	12/16/2004	PM\$041216	12/17/2004	SMS3041216B
1,2,4-Trichlorobenzene	ND	140	700	μg/Kg	12/16/2004	PMS041216	12/17/2004	\$M\$3041216B
1,2,4-Trimethylbenzene	ND	140	700	μg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B SMS3041216B
1,2-Dibromo-3-Chloropropane	ND	140	700	μg/Kg	12/16/2004	PM\$041216		
1,2-Dibromoethane (EDB)	ND	140	700	μg/Kg	12/16/2004	PMS041216	12/17/2004	SM\$3041216B
1,2-Dichlorobenzene	ND	140	700	μg/Kg	12/16/2004	PMS041216 PMS041216	12/17/2004	SMS3041216B
1,2-Dichloroethane	ND	140	700	μg/Kg	12/16/2004	PMS041216 PMS041216	12/17/2004	SMS3041216B
1,2-Dichloropropane	ND	140	700	μg/Kg	12/16/2004		12/17/2004	SMS3041216B
1,3,5-Trimethylbenzene	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
,3-Dichlorobenzene	ND	140	700	µø∕Кg	12/16/2004	PMS041216	12/17/2004	SMS3041216E
,3-Dichloropropane	ND	140	700			PMS041216	12/17/2004	SMS3041216E
,4-Dichlorobenzene	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SM\$3041216B
,4-Dioxane	ND	140	14000	µg/Kg	12/16/2004 12/16/2004	PM\$041216	12/17/2004	SMS3041216B
,2-Dichloropropanc	ND	140	700	μg/Kg μg/Kg		PMS041216	12/17/2004	SMS3041216B
-Butanone (MEK)	ND	140	5600		12/16/2004	PMS041216	12/17/2004	SM\$3041216B
-Chloroethyl-vinyl Ether	ND	140	700	μ <u>¢</u> /Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
-Chlorotoluene	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SM\$3041216B
-Hexanone	ND	140	5600	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
-Chlorotoluene	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	\$M\$3041216B
-Methyl-2-Pentanone(MIBK)	ND	140	5600	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
Acetone	ND	140		µg/Kg	12/16/2004	PM\$041216	12/17/2004	\$M\$3041216B
Acetonitrile	ND	140	14000 5600	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
crolein	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SM\$3041216B
crylonitrile	ND	140		µg/Kg	12/16/2004	PMS041216	12/17/2004	\$M\$3041216B
ienzenc	ND	140	700	μg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
enzyl Chloride	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SM\$3041216B
romobenzene	ND		700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
romochloromethane	ND	140 140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
romodichloromethane	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
romoform	ND	140	700	μg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
romomethane	ND		700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
arbon Disulfide	ND	140	700	μg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
arbon Tetrachloride	ND	140	700	µg/Kg	12/16/2004	PM\$041216	12/17/2004	SM\$3041216B
hlorobenzene	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SM53041216B
hloroethane	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
hloroform		140	700	µg/Kg	12/16/2004	PM\$041216	12/17/2004	SMS3041216B
hloromethane	ND	140	700	μg/Kg	12/16/2004	PMS041216	12/17/2004	SM\$3041216B
noromotivalit	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B

Detection Limit = Detection Limit for Reporting.

DF - Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

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3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-006 Sample ID: SB-3-7

Method: EPA 8260B / EPA 5035A / Purge & Trap

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Matrix: Solid Sample Date: 12/15/2004 10:45 AM

Parameter	Result	Flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND	140	700	μg/Kg	12/16/2004	PMS041216	12/17/2004	SM\$30412161
cis-1,3-Dichloropropene	ND	140	700	.с. µg/Кg	12/16/2004	PMS041216	12/17/2004	\$M\$3041216
Cyclohexanone	ND	140	5600	μg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216
Dibromochloromethane	ND	140	700	μg/Kg	12/16/2004	PM\$041216	12/17/2004	SM\$3041216
Dibromomethane	ND	140	700	µg/Кg	12/16/2004	PMS041216	12/17/2004	\$M\$3041216
Dichlorodifluoromethane	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216
Diisopropyl Ether	ND	140	700	μg/Kg	12/16/2004	PM\$041216	12/17/2004	SM\$30412161
Ethyl Benzene	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS30412161
Freon 113	ND	140	700	μg/Kg	12/16/2004	PMS041216	12/17/2004	SMS30412161
Hexachlorobutadiene	ND	140	700	<u>µg/К</u> g	12/16/2004	PMS041216	12/17/2004	SM\$30412161 SM\$30412161
lodomethane	ND	140	5600	μg/Kg	12/16/2004	PMS041216	12/17/2004	
Isopropanol	ND	140	14000	µ <u>е</u> /Кg	12/16/2004	PMS041216		SM\$3041216E
Isopropylbcnzene	ND	140	700	μg/Kg	12/16/2004		12/17/2004	SMS3041216E
Methyl-t-butyl Ether	ND	140	700	μg/Kg	12/16/2004	PMS041216	12/17/2004	SM\$3041216E
Methylene Chloride	ND	140	3500	µg∕Кg µg∕Кg	12/16/2004	PM\$041216	12/17/2004	SMS3041216E
n-Butylbenzene	ND	140	700		12/16/2004	PMS041216	12/17/2004	SMS3041216E
n-Propylbenzene	ND	140	700	μg/Kg μg/Kg		PMS041216	12/17/2004	SMS3041216E
Naphthalene	ND	140	700		12/16/2004	PM\$041216	12/17/2004	SMS3041216E
p-Isopropyltoluene	ND	140	700	µg∕Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216E
Pentachloroethane	ND	140	700	µg/Kg	12/16/2004	PM\$041216	12/17/2004	\$M\$3041216E
sec-Butylbenzene	ND	140		µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216E
Styrene	ND	140	700	µg/Қg	12/16/2004	PMS041216	12/17/2004	SM\$3041216E
tert-Amyl Mothyl Ether	ND		700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
tert-Butanoi (TBA)		140	700	µg/Кg	12/16/2004	PMS041216	12/17/2004	SM\$3041216B
tert-Butyl Ethyl Ether	ND	140	5600	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SM\$3041216B
lert-Butylbenzene	ND	140	700	µg/Kg	12/16/2004	PM\$041216	12/17/2004	SMS3041216B
Tetrachloroethene	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
Tetrahydrofuran	ND	140	5600	µg/Kg	12/16/2004	PMS041216	12/17/2004	SM\$3041216B
Toluene	ND	140	700	µg/Kg	12/16/2004	PM\$041216	12/17/2004	SMS3041216B
rans-1,2-Dichloroethene	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
rans-1,3-Dichloropropene	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
rans-1,4-Dichloro-2-butene		140	5600	µg/Kg	12/16/2004	PMS041216	12/17/2004	SM\$3041216B
Frichloroethene	ND	140	700	µg/Kg	12/16/2004	PM\$041216	12/17/2004	SMS3041216B
frichlorofluoromethane	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
/inyl Chloride	ND	140	700	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
Kylenes, Total	ND	140	1400	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
Surrogate	Surrogate Recovery	Control L	.imits (%)				Analyzed by: BDh	
4-Bromofluorobenzene	120	75 -	125				Reviewed by: MT	
Dibromofluoromethane	105	75 -	125				Koviswett by: MII	U U
Toluene-d8	109	75 -	125					

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PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-006 Sample ID: SB-3-7

Matrix: Solid Sample Date: 12/15/2004 10:45 AM

Method: GC-MS

Result	Flag	DF		Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
110000		140		7000	µg/Kg	12/16/2004	PMS041216	12/17/2004	SMS3041216B
Surrogate Recovery	Cor	atrol	Lim	its (%)					
120		75	-	125					
105								Reviewed by: MT	U
109		75	. .	125					
	1 10000 Surrogate Recovery 120 105	110000 Surrogate Recovery Con 120 105	110000 140 Surrogate Recovery Control 120 75 105 75	110000 140 Surrogate Recovery Control Lim 120 75 105 75	110000 140 7000 Surrogate Recovery Control Limits (%) 120 75 - 125 105 75 - 125	110000 140 7000 μg/Kg Surrogate Recovery Control Limits (%) 120 75 - 125 105 75 - 125	110000 140 7000 μg/Kg 12/16/2004 Surrogate Recovery Control Limits (%) 120 75 125 105 75 - 125	110000 140 7000 μg/Kg 12/16/2004 PMS041216 Surrogate Recovery Control Limits (%) 120 75 125 105 75 125	110000 140 7000 µg/Kg 12/16/2004 PMS041216 12/17/2004 Surrogate Recovery Control Limits (%) Analyzed by: BDI Reviewed by: MT 105 75 - 125 Reviewed by: MT

*** Sample diluted due to heavy hydrocarbons in the sample.

P.26

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pcte Gorman

Certificate of Analysis - Data Report

Lab #: 41689-007 Sample ID: 6390 Shallow Comp

Matrix:	Solid	Sample Date:	12/15/2004	10.50 AM
	ovina	wimple Date.	14/13/2007	TO'DO VIAL

Method: EPA 8082A									
Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Aroclor 1221	ND		1	0,1	mg/Kg	12/15/2004	P\$7422A	12/16/2004	P\$7422A
Aroclor 1232	ND		1	0.1	mg/Kg	12/15/2004	PS7422A	12/16/2004	PS7422A
Aroclor 1242	ND		1	0.1	mg/Kg	12/15/2004	P\$7422A	12/16/2004	P\$7422A
Aroclor 1248	ND		1	0.1	mg/Kg	12/15/2004	PS7422A	12/16/2004	PS7422A
Aroclor 1254	ND		1	0.1	mg/Kg	12/15/2004	P\$7422A	12/16/2004	PS7422A
Aroclar 1260	ND		1	0.1	mg/Kg	12/15/2004	PS7422A	12/16/2004	PS7422A
Araclar 1262	ND		1	0.1	mg/Kg	12/15/2004	PS7422A	12/16/2004	PS7422A
Aroclor 1268	ND		1	0.1	mg/Kg	12/15/2004	PS7422A	12/16/2004	PS7422A
Surrogate	Surrogate Recovery	Co	atrol Li	mits (%)					
Decachlorobiphenyl	88.8		43 -	156				Analyzed by: MTra	
								Reviewed by: MTU	r

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241,062.01.002 Sampled By: Client

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3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-008 Sample ID: GW-1-12

Matrix: Liquid Sample Date: 12/15/2004 9:00 AM

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	OC Batch
TPH as Diesel	7000	5.000	5	250	μg/L	12/16/2004	DW4834A	12/17/2004	DW4834A
Note: Lighter	oil compounds mix with Die	sel(CI0-	C36).						20100411
TPH as Motor Oil	ND		5	1300	μg/L	12/16/2004	DW4834A	12/17/2004	DW4834A
Surrogate	Surrogate Recovery	С	ontrol L	imits (%)				Analyzed by: Jhsian	
o-Terphenyl	98.5		22 -	133				Reviewed by: LGL	-

4 Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

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3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-008 Sample ID: GW-1-12

Method: EPA 8260B / EPA 5030B / Parge & Trap

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Matrix: Liquid Sample Date: 12/15/2004 9:00 AM

Parameter	Result	Flag D	F De	tection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1,1-Trichloroethanc	NĎ	4	1	0.5	μ g /ί,	N/A	N/A	12/17/2004	WMS1041217
1,1,2,2-Tetrachloroethane	ND	1	1	0.5	µg/L	N/A	N/A	12/17/2004	WMS1041217
1,1,2-Trichloroethane	ND	1	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1-Dichloroethanc	ND	1	1	0.5	µg/L	N/A	N/A	12/17/2004	WMS1041217
1,1-Dichloroethene	ND	1	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1-Dichloropropene	ND	1	l I	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2,3-Trichlorobenzene	ND	1	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2,3-Trichloropropane	ND	1	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2,4-Trichlorobenzene	ND	1	L	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2,4-Trimethylbenzene	ND	1	L .	5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
1,2-Dibromo-3-Chloropropane	ND	1	t	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dibromoethanc (EDB)	ND	1		0.5	μ <u>g</u> /L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dichlorobenzene	ND	1	í .	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dichloroethane	ND	1	F .	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dichloropropane	ND	1	E.	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,3,5-Trimethylbenzenc	ND	1	6	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,3-Dichlorobenzene	ND	1		0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
,3-Dichloropropane	ND	1		0.5	րց∕ե	N/A	N/A	12/17/2004	
,4-Dichlorobenzenc	ND	1		0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217 WM\$1041217
,4-Dioxane	ND	1		50	μg/L	N/A	N/A	12/17/2004	
.2-Dichloropropane	ND	1		0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
-Butanonc (MEK)	ND	1		20	µg/L	N/A	N/A	12/17/2004	WMS1041217
-Chloroethyl-vinyl Ether	ND	1		5	μg/L	N/A	N/A N/A		WMS1041217
-Chlorotoluene	ND	1		5	μg/L	N/A	N/A N/A	12/17/2004	WMS1041217
-Hexanonc	ND	1		20	µத∕∟ µg/Ľ	N/A N/A		12/17/2004	WMS1041217
-Chlorotoluene	ND	i		5		N/A	N/A	12/17/2004	WMS1041217
-Methyl-2-Pentanone(MIBK)	ND	1		20	μg/L		N/A	12/17/2004	WMS1041217
Acetone	ND	i		20	µg/L	N/A	N/A	12/17/2004	WMS1041217
Acetonitrile	ND	1		5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Acrolein	ND	1			µg/L	N/A	N/A	12/17/2004	WMS1041217
Acrylonitrile	ND	1		5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Senzene	0.81	1		5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
cnzyl Chloride	ND	1		0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
romobenzene	ND			5	µg∕L	N/A	N/A	12/17/2004	WMS1041217
romochloromethane	ND	1		0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
romodichloromethane		1		0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
romoform	ND ND	1		0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
romomethane	ND	1		0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
arbon Disulfide				0.5	μ <u>g</u> /L	N/A	N/A	12/17/2004	WM\$1041217
arbon Disamle arbon Tetrachloride	ND	1		0.5	µg/L	N/A	N/A	12/17/2004	WMS1041217
hlorobenzene	ND	1		0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
hloroethane	ND	1		0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
hloroform	ND	1		0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
hloromethanc	ND	1		0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
moroinethanç	ND	1		0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217

Detection Limit = Detection Limit for Reporting,

DF = Dilution and/or Prep Factor including sample volume adjustments.

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-008 Sample ID: GW-1-12

Method: EPA 8260B / EPA 5030B / Purge & Trap

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Matrix: Liquid Sample Date: 12/15/2004 9:00 AM

Parameter	Result	Flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichlorocthene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
cis-1,3-Dichloropropene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Cyclohexanone	ND	1	20	µ <u>g</u> /L	N/A	N/A	12/17/2004	WM\$1041217
Dibromochloromethanc	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Dibromomethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Dichlorodifluoromethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Diisopropyl Ether	ND	I	5	µg/L	N/A	N/A	12/17/2004	WMS1041217
Ethyl Benzene	ND	1	0,5	 µg/L	N/A	N/A	12/17/2004	WMS1041217
Freon 113	ND	1	1	μg/L	N/A	N/A	12/17/2004	WMS1041217
Hexachlorobutadiene	ND	I	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Iodomethane	ND	1	1	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Isopropanol	ND	1	20	μg/L	N/A	N/A	12/17/2004	WMS1041217
Isopropylbenzenc	ND	1	1	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Methyl-t-butyl Ether	ND	1	1	μg/L	N/A	N/A	12/17/2004	WMS1041217
Methylene Chloride	ND	1	20	μg/L	N/A	N/A	12/17/2004	WMS1041217
n-Butylbenzene	ND	9 I	5	μg/L,	N/A	N/A	12/17/2004	WMS1041217
n-Propylbenzene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217 WMS1041217
Naphthalonc	ND	1	5	μ g/L	N/A	N/A	12/17/2004	WMS1041217
-Isopropyltoluene	ND	I	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Pentachloroethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
scc-Butylbenzenc	ND	1	S	μg/L	N/A	N/A	12/17/2004	WMS1041217 WMS1041217
Styrene	ND	1	0.5	րց– µg/L	N/A	N/A	12/17/2004	WMS1041217 WMS1041217
tert-Amyl Methyl Ether	ND	i	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
tert-Butanol (TBA)	ND	1	10	µg/Լ	N/A	N/A	12/17/2004	WMS1041217 WMS1041217
ert-Butyl Ethyl Ether	ND	1	5	με/L	N/A	N/A		
ert-Butylbenzene	ND	1	5	μg/L	N/A	N/A	12/17/2004 12/17/2004	WMS1041217
l'etrachloroethene	ND	ī	0.5	μg/L	N/A	N/A		WMS1041217
Fetrahydrofuran	ND	-	20	μg/L	N/A	N/A	12/17/2004	WM51041217
Foluenç	0,68	1	0.5	μg/L	N/A	N/A	12/17/2004 12/17/2004	WMS1041217
rans-1,2-Dichloroethene	ND	1	0.5	μg/L	N/A	N/A N/A	12/17/2004	WMS1041217
rans-1,3-Dichloropropene	ND	Ī	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
rans-1,4-Dichloro-2-butene	ND	1	1	μg/L	N/A	N/A	12/17/2004	WM\$1041217
frichlorocthene	ND	1	0.5	μg/L	N/A	N/A		WM\$1041217
richlorofluoromethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
/inyl Acetate	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
/inyl Chloride	ND	1	0.5	μg/ւ. μg/ί.	N/A N/A		12/17/2004	WMS1041217
Kylenes, Total	ND	1	0,5	μg/∟ μg/Ն	N/A N/A	N/A N/A	12/17/2004	WMS10412]7
Surrogate	Surrogate Recovery	Control L		HE/L	IN/A	N/A	12/17/2004	WMS1041217
4-Bromofluorobenzene	88.0	75 -	125				Analyzed by: XB	
Dibromofluoromethanc	113	75 -	125				Reviewed by: BDF	IABALIA
Toluenc-d8	101	75 -	125					

Detection Limit = Detection Limit for Reporting. DF = Dilution and/or Prep Factor including sample volume adjustments.

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-008 Sample ID: GW-1-12

Matrix: Liquid Sample Date: 12/15/2004 9:00 AM

Method: GC-MS

Parameter	Result	Flag	DI	F'	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1		25	μg/L	N/A		12/17/2004	WMS1041217
Surrogate	Surrogate Recovery	C	ontro	l Li	mits (%)		11.00		Analyzed by: XBi	337
4-Bromofluorobenzene	96.6		75	-	125					
Dibromofluoromethane	112		75	-	125				Reviewed by: BD	HABALIA
Toluene-d8	102		75	-	125					

Fax: (408) 588-0201

P.31

Project Name: Date Received: 12/15/2004

Phone: (408) 588-0200

P.O. Number: 241.062.01.002

Project Number: 241.062.01.002

Sampled By: Client

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #; 41689-009 Sample ID: GW-2-8

Matrix: Liquid Sample Date: 12/15/2004 10:25 AM

11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Dicsel	ND		5	250	μg/L	12/16/2004	DW4834A	12/17/2004	DW4834A
TPH as Motor Oil	3300		5	1300	µg/L	12/16/2004	DW4834A	12/17/2004	DW4834A
Surrogate o-Terphenyl	Surrogate Recovery 55.0	Cont 27		nits (%) 133		· · · · · · · · · · · · · · · · · · ·	·	Analyzed by: Jhsian	

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-009 Sample ID: GW-2-8

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Matrix: Liquid Sample Date: 12/15/2004 10:25 AM

Method: EPA 8260B / EPA 5030		-						
Parameter	Result	Flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethanc	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS104121
1,1,1-Trichloroethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041211
1,1,2,2-Tetrachloroethane	ND	1	0.5	µg∕L	N/A	N/A	12/17/2004	WMS1041212
1,1,2-Trichloroethane	ND	1	0,5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1-Dichloroethane	ND	1	0.5	μ먗/Ն	N/A	N/A	12/17/2004	WM\$1041217
1,1-Dichloroethene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041213
1,1-Dichloropropene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2,3-Trichlorobenzene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WM\$104121
1,2,3-Trichloropropane	ND	1	0.5	μg/I,	N/A	N/A	12/17/2004	WMS1041217
1,2,4-Trichlorobenzenc	ND	1	5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
1,2,4-Trimethylbenzene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dibromo-3-Chloropropane	ND	1	5	μ <u>g</u> /L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dibromoethane (EDB)	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	
1,2-Dichlorobenzene	ND	1	0.5	μg/Ľ	N/A	N/A	12/17/2004	WMS1041217
1,2-Dichloroethane	ND	- 1	0.5	μg/L	N/A	N/A		WMS1041217
1,2-Dichloropropane	ND	1	0.5	μg/L	N/A		12/17/2004	WMS1041217
1.3,5-Trimethylbenzene	ND	1	5			N/A	12/17/2004	WMS1041217
1,3-Dichlorobenzene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
1,3-Dichloropropane	ND	1	0.5	µg/L	N/A	N/A	12/17/2004	WM\$1041217
1,4-Dichlorobenzene	ND	1		µg/L	N/A	N/A	12/17/2004	WMS1041217
1,4-Dioxanc	ND		0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
2,2-Dichloropropane	ND	1	50	μg/L	N/A	N/A	12/17/2004	WM\$1041217
2-Butanone (MEK)	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
2-Chloroethyl-vinyl Ether		1	20	μġ/L	N/A	N/A	12/17/2004	WMS1041217
2-Chlorotoluene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
2-Hexanone	ND	1	5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
	ND	1	20	μg/L	N/A.	N/A	12/17/2004	WMS1041217
4-Chlorotoluenc	ND	ł	5	µg/L	N/A	N/A	12/17/2004	WMS1041217
-Methyl-2-Pentanone(MIBK)	ND	1	20	µg/L	N/A	N/A	12/17/2004	WMS1041217
Acetonc	ND	1	20	μg/L	N/A	N/A	12/17/2004	WMS1041217
Acetonitrile	ND	1	5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Acrolein	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Acrylonitrile	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Senzene	ND	I	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Senzyl Chloride	ND	1	5	µg/L	N/A	N/A	12/17/2004	WMS1041217
romobenzene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Bromochloromethane	ND	1	0.5	µg/L	N/A	N/A.	12/17/2004	WMS1041217
romodichloromethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
romoforni	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	
romomethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
arbon Disulfide	0.74	1	0.5	⊢g/L μg/L	N/A	N/A	12/17/2004	WMS1041217
arbon Tetrachloride	ND	1	0.5	μ g/L	N/A	N/A		WMS1041217
hlorobenzenc	ND	1	0.5	μg/ί	N/A	N/A	12/17/2004	WMS1041217
hloroethane	ND	1	0.5	με/L	N/A	N/A N/A	12/17/2004	WMS1041217
hloroform	ND	1	0,5	με/L	N/A		12/17/2004	WMS1041217
hloromethane	NÐ	1	0.5			N/A	12/17/2004	WM\$1041217
		•	Vie	μǥ/Ľ	N/A	N/A	12/17/2004	WMS1041217

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

3334 Victor Court, Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-009 Sample ID: GW-2-8

Рһопе: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Matrix: Liquid Sample Date: 12/15/2004 10:25 AM

cis-1,2-Dichloroethene cis-1,3-Dichloropropene Cyclohexanone	ND	Flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	
• •		1	0.5	µg/L	N/A	N/A	12/17/2004	QC Batch WMS104121
Cyclohexanone	ND	1	0.5	μ <u>υ</u> /ί	N/A	N/A	12/17/2004	WMS104121
	ND	ı	20	μg/L	N/A	N/A	12/17/2004	WM\$104121
Dibromochloromethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS104121
Dibromomethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS104121
Dichlorodifluoromethane	ND	1	0.5	μ <u>e</u> /Ľ	N/A	N/A	12/17/2004	WMS104121
Diisopropyl Ether	ND	1	5	μg/ί	N/A	N/A	12/17/2004	WMS104121
Ethyl Benzenç	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS104121
Freen 113	ND	1	1	μg/L	N/A	N/A	12/17/2004	WMS1041217
Hexachlorobutadicnc	ND	1	3	μg/L	N/A	N/A	12/17/2004	WM\$1041217
lodomethanç	ND	1	1	μg/L	N/A	N/A	12/17/2004	WMS1041217
Isopropanol	ND	1	20	µg/L	N/A	N/A	12/17/2004	WMS1041217 WMS1041217
Isopropylbenzene	ND	1	1	μg/L	N/A	N/A	12/17/2004	
Methyl-t-butyl Ether	21	1	1	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Methylene Chloride	ND	1	20	μg/L	N/A	N/A		WMS1041217
n-Butylbenzene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
n-Propylbenzenc	ND	-	5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Naphthalenc	ND	- 1	5	րց/Լ	N/A	N/A N/A	12/17/2004	WMS1041217
-Isopropyltoluene	ND	1	5	μg/L	N/A	N/A N/A	12/17/2004	WM51041217
Pentachloroethane	ND		0.5				12/17/2004	WMS1041217
sec-Butylbonzone	ND	1	5.5	μ <u>α</u> /L	N/A	N/A	12/17/2004	WMS1041217
Styrenc	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
ert-Amyl Methyl Ether	ND	1	5	µg/L	N/A	N/A	12/17/2004	WMS1041217
ert-Butanol (TBA)	ND	1	10	μg/L	N/A	N/A	12/17/2004	WMS1041217
ert-Butyl Ethyl Ether	ND	1		μg/L	N/A	N/A	12/17/2004	WMS1041217
ert-Butylbenzene	ND	1	5	μg/ί,	N/A	N/A	12/17/2004	WMS1041217
Fetrachloroethene	ND	1	5	µg/L	N/A	N/A	12/17/2004	WMS1041217
fetrahydrofuran	ND	I	0.5	µg/L	N/A	N/A	12/17/2004	WM\$1041217
olucne	ND	1	20	μg/Ľ	N/A	N/A	12/17/2004	WM51041217
rans-1,2-Dichlorocthene	ND	-	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
rans-1,3-Dichloropropene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
ans-1,4-Dichloro-2-butene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
richloroethene	ND	1	1	μ g/L	N/A	N/A	12/17/2004	WMS1041217
richlorofluoromethane		1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
inyl Acetate	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
inyl Chloride	ND	I	\$	μ <u>g</u> /Ľ	N/A	N/A	12/17/2004	WMS1041217
Sylenes, Total	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
-Bromofluorobenzene	Surrogate Recovery	Control L					Analyzed by: XB	
Dibromofluoromethane	89.5	75 -	125				Reviewed by: BDH	LABALIA
Folueno-d8	116 102	75 - 75 -	125 125				an age and a	

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PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

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Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Lab #: 41689-009	Sample ID: GW-	-2-8				Matrix: Liq	uid Sample I	Date: 12/15/200	04 10:25 AM
Method: GC-MS									
Parameter	Result	Fiag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	OC Batch
TPH as Gasoline	37		1	25	μg/L	N/A	N/A	12/17/2004	WMS1041217
Note: Reported T	PH as Gasoline value is the	ne result of	high c	oncentration of MTB	E within	the TPH as Gase		ange	WW01047217
Surrogate	Surrogate Recovery			mits (%)			And quantitation .		
4-Bromofluorobenzene	98.3	7:		125				Analyzed by: XBi	ដ្ឋា
Dibromofluoromethane	115	7:	5 -	125				Reviewed by: BD	HABALIA
Toluene-d8	103	7	5 -	125					

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PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-010 Sample ID: GW-3-8

Matrix: Liquid Sample Date: 12/15/2004 10:55 AM

Method: EPA 8015 MOD. (Extractable) / EPA 2810C / I to I to ~

				U 161 161	P HIV	a col march	MINALY STO LATC	QC Daten
TPH as Diesel	ND	5	250	μg/L	12/17/2004	DW4835A	12/20/2004	DW4835A
TPH as Motor Oil	7400	5	1300	μg/Ļ	12/17/2004	DW4835A	12/20/2004	DW4835A
Note: C14-C40								
Surrogate	Surrogate Recovery	Control Li	mits (%)				Anufared have Their	
o-Terphenyl	106	22 -	133				Analyzed by: Jusia	ng
4	100	~~ ~	222				Reviewed by: LGL	ANTZ,

Detection Limit = Detection Limit for Reporting. DF to Dilution and/or Prep Factor including sample volume adjustments.

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Method: EPA 8015 MOD. (Ext	a a cardici / ter A	9910C/1	าน-เปล่ง	Sep Funnel, MeCl					
Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Dute	OC Batch
TPH as Diesel	ND		5	250	μg/L	12/17/2004	DW4835A	12/20/2004	DW4835A
TPH as Motor Oil	7400		5	1300	μg/L	12/17/2004	DW4835A	12/20/2004	DW4835A
Note: C14-C40		144							2

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PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-010 Sample ID: GW-3-8

Method: EPA 8260B / EPA 5030B / Purge & Trap

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Matrix: Liquid Sample Date: 12/15/2004 10:55 AM

Parameter	Result	Flag DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND	1	0.5	µ <u>g</u> /L	N/A	N/A	12/17/2004	WMS1041217
1,1,1-Trichloroethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1,2,2-Tetrachloroethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1,2-Trichlorocthane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
l, l-Dichloroethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1-Dichloroethene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,1-Dichloropropene	ND	1	0.5	μ <u></u> σ/Ľ	N/A	N/A	12/17/2004	WMS1041217
1,2,3-Trichlorobenzene	ND	1	5	µg/L	N/A	N/A	12/17/2004	WMS1041217
1,2,3-Trichloropropane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
1,2,4-Trichlorobenzene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2,4-Trimethylbenzene	ND	1	5	μ <u>α</u> /L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dibromo-3-Chloropropane	ND	1	5	µg/Ն	N/A	N/A	12/17/2004	WMS1041217
1,2-Dibromoethane (EDB)	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dichlorobenzene	ND	1	0.5	га- µg/L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dichloroethane	ND	1	0.5	µg/L	N/A	N/A	12/17/2004	WMS1041217
1,2-Dichloropropane	ND	i	0.5	μg/L	N/A	N/A	12/17/2004	WMS104(217
1,3,5-Trimethylbenzene	ND	1	5	μg/L	N/A	N/A	12/17/2004	
1,3-Dichlorobenzene	ND	ī	0.5	με∕Γ	N/A	N/A	12/17/2004	WMS1041217
,3-Dichloropropane	ND	ĩ	0.5	μ <u></u> g/L	N/A N/A	N/A N/A		WMS1041217
4-Dichlorobenzene	ND	1	0.5		N/A		12/17/2004	WMS104121
4-Dioxanc	ND	1	50	μg/L		N/A	12/17/2004	WM\$1041217
2,2-Dichloropropane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
2-Butanone (MEK)	ND	1	20	μg/L	N/A	N/A	12/17/2004	WMS1041217
2-Chloroethyl-vinyl Ether	ND	1		µg∕Ľ	N/A	N/A	12/17/2004	WMS1041217
2-Chlorotoluenc	ND		5	μg/L	N/A	N/A	12/17/2004	WMS1041217
2-Hexanone	ND	1	5	μ <u>g</u> /L	N/A	N/A	12/17/2004	WMS1041217
-Chlorotoluene	ND	1	20	μg/L	N/A	N/A	12/17/2004	WMS1041217
-Methyl-2-Pentanone(MIBK)	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
cetone	ND		20	µg∕L	N/A	N/A	12/17/2004	WM51041217
Acetonitrile	ND	1	20	μg/L	N/A	N/A	12/17/2004	WM\$1041217
crolein		1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Acrylonitrile	ND	1	5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
	ND	1	5	μ g/L	N/A	N/A	12/17/2004	WM\$1041217
Senzene	ND	1	0.5	μg∕L	N/A	N/A	12/17/2004	WMS1041217
ienzyl Chloride	ND	1	S	μg/L	N/A	N/A	12/17/2004	WMS1041217
iromobenzene	ND	1	0.5	μg/ Լ	N/A	N/A	12/17/2004	WM\$1041217
romochloromethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
romodichloromethane	ND	1	0,5	μg/Ļ	N/A	N/A	12/17/2004	WM\$1041217
romoform	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
romomethane	ND	1	0.5	µg/L	N/A	N/A	12/17/2004	WM\$1041217
arbon Disulfide	ND	1	0.5	µg∕Ĺ	N/A	N/A	12/17/2004	WMS1041217
arbon Tetrachloride	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
hlorobenzene	ND	I	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
hloroethane	ND	1	0.5	µg∕L	N/A	N/A	12/17/2004	WMS1041217
hloroform	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
hloromethanc	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$1041217

Detection Limit = Detection Limit for Reporting. DF - Dilution and/or Prep Factor including sample volume adjustments.

3334 Victor Court , Santa Clara, CA 95054

PES Environmental, Inc. 1682 Novato Boulevard, Suite 100 Novato, CA 94947 Attn: Pete Gorman

Certificate of Analysis - Data Report

Lab #: 41689-010 Sample ID: GW-3-8

Method: EPA 8260B / EPA 5030B / Purge & Tran

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Matrix: Liquid Sample Date: 12/15/2004 10:55 AM

Parameter	Result	Flag DF	Detection Limit	Units	Prep Date	Pren Rot-	Analusia D. 4	0.0 0
cis-1,2-Dichlorocthene	ND		0.5	μg/L	N/A	Prep Batch N/A	Analysis Date	QC Batch
cis-1,3-Dichloropropene	ND	1	0.5	µg/L µg/L	N/A N/A		12/17/2004	WMS104121
Cyclohexanone	ND	1	20			N/A	12/17/2004	WMS1041217
Dibromochloromethane	ND	1	0.5	µg/L	N/A	N/A	12/17/2004	WM\$104121
Dibromomethanc	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS104121
Dichlorodifluoromethane	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WM\$104121
Diisopropyl Ether	ND	1	5	μ <u>α</u> /L	N/A	N/A	12/17/2004	WMS1041211
Ethyl Benzene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Freon 113	ND	1		µg∕L	N/A	N/A	12/17/2004	WM\$1041217
Hexachlorobutadiene	ND	1	1	μg/L	N/A	N/A	12/17/2004	WMS1041217
Iodomethane	ND		5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Isopropanol	ND	1	1	µg/L	N/A	'N/A	12/17/2004	WM\$1041217
Isopropylbenzene	ND	1	20	μg/L	N/A	N/A	12/17/2004	WMS1041217
Methyl-t-butyl Ether	ND	1	1	µg/L	N/A	N/A	12/17/2004	WMS1041217
Methylene Chloride	ND	1	1	μ g/ L	N/A	N/A	12/17/2004	WM\$1041217
n-Butylbenzene		1	20	μg/L	N/A	N/A	12/17/2004	WMS1041217
n-Propylbenzene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Naphthalene	ND	1	5	μg∕L	N/A	N/A	12/17/2004	WM\$1041217
o-Isopropyltoluene	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Pentachloroethane	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
sec-Butylbenzene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Styrene	ND	1	5	µը/Լ	N/A	N/A	12/17/2004	WMS1041217
	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
ert-Amyl Methyl Ether	ND	1	5	µg/L	N/A	N/A	12/17/2004	WM\$1041217
crt-Butanol (TBA)	ND	1	10	µg/L	N/A	N/A	12/17/2004	WMS1041217
ert-Butyl Ethyl Ether	ND	1	5	μg/L	N/A	N/A	12/17/2004	WMS1041217
ert-Butylbenzene	ND	1	5	µg∕Ľ	N/A	N/A	12/17/2004	WM\$1041217
ctrachloroethene	ND	I	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
Fetrahydrofuran	ND	1	20	μg/L	N/A	N/A	12/17/2004	WMS1041217
Coluenc	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
rans-1,2-Dichloroethene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
rans-1,3-Dichloropropene	DN	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217
ans-1,4-Dichloro-2-butene	ND	1	1	μg/L	N/A	N/A	12/17/2004	WMS1041217
richloroethene	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217 WMS1041217
richlorofluoromethane	ND	1	0.5	μ <u>g</u> /L	N/A	N/A	12/17/2004	WMS1041217 WMS1041217
inyi Acetate	ND	1	5	μg/L	N/A	N/A	12/17/2004	WM\$1041217 WM\$1041217
inyl Chloride	ND	1	0.5	μg/L	N/A	N/A	12/17/2004	WMS1041217 WMS1041217
ylencs, Total	ND	1	0,5	μg/L	N/A	N/A	12/17/2004	WM\$1041217
Surrogate	Surrogate Recovery	Control L	imits (%)					*************
I-Bromofluorobenzene	88.5	75 -	125	Analyzed by: XB				
Dibromofluoromethane	113	75 -	125				Reviewed by: BDH	IABALIA
Folucne-d8	102	75 .	125					

12/22/2004 4:08:27 PM - Germehronieva

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Certificate of Analysis - Data Report

Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Lab #: 41689-010 Sample ID: GW-3-8

Matrix: Liquid Sample Date: 12/15/2004 10:55 AM

Method: GC-MS

Parameter	Result	Flag	D	F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1		25	μg/L	N/A	N/A	12/17/2004	WMS1041217
Surrogate	Surrogate Recovery	C	ontro	L	mits (%)				2007	
4-Bromofluorobenzene	97.1		75	-	125				Analyzed by: XBi	
Dibromofluoromethanc	112		75		125				Reviewed by: BDI	HABALIA
Toluçne-d8	103		75	-	125					

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Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Lab #: 41689-011	Sample ID: (SE	8-1-2)(\$	B-1-7)	Composite]	Matrix: Soli	d Sample]	Date: 12/15/200	4 8:00 AM		
Method: EPA 6010B				941							
Parameter	Result	Flag	DF	Detection Limit	Units Prep Date		Prep Batch	Prep Batch Analysis Date			
Cadmium	ND		1	1	mg/Kg	12/16/2004	SM041216	12/20/2004	QC Batch SICP2041220		
Chromium	49		Į	1	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220		
Lead	65		1	5	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220		
Nickel	47		1	1	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220		
Zinc	160		1	2	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220		

Analyzed by: Fkha

Reviewed by: MFELIX

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Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Lab #: 41689-012	Sample ID: (SB	-2-2)(S)	B-2-7)	Composite	1	Matrix: Soli	d Sample I	Sample Date: 12/15/2004 9:			
Method: EPA 6010B Parameter					Units				-		
	Result	Flag	DF	DF Detection Limit		Prep Date	Prep Batch	Analysis Date	QC Batch		
Cadmium	ND		1	1	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220		
Chromium	21		1	1	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220		
Lead	ND		1	5	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220		
Nickel	23		1	1	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220		
Zinc	59		1	2	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220		

Analyzed by: Fkha

Reviewed by: MFELIX

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Phone: (408) 588-0200 Fax: (408) 588-0201

Project Number: 241.062.01.002 Project Name: Date Received: 12/15/2004 P.O. Number: 241.062.01.002 Sampled By: Client

Lab #: 41689-013	Sample ID: (SE	I-3-2)(S	B-3-7)	Composite]	Matrix: Solio	i Sample)	Date: 12/15/2004 10:40 Al				
Method: EPA 6010B			140									
Parameter	Result	Flag	ĎF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	OC Batch			
Cadmium	ND		1	1	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220			
Chromium	46		1	X	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220			
Lead	ND		1	5	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220			
Nickel	55		1	1	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220			
Zinc	27		1	2	mg/Kg	12/16/2004	SM041216	12/20/2004	SICP2041220			

Analyzed by: Fkha

Reviewed by: MFELIX

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	Quality Contr	ol - Methoc	Blank		
		Solid			
Prep Batch ID: DS4480B Prep Date: 12/16/2004	Validated by:	LGLANTZ - 12/17	QC Batch ID: DS4480B		
				Analys	sis Date: 12/16/2004
Parameter	A 8015 MOD. (Extra	ctable)			
TPH as Diesel	Result	DF	PQLR	Units	
	ND	1	2.5	mg/Kg	
TPH as Kerosene	ND	1	2,5	mg/Kg	
TPH as Mineral Spirits (Stoddard)	ND	1	2.5	mg/Kg	
TPH as Motor Oil	ND	1	10	mg/Kg	
Surrogate for Blank % Recovery Control	Limits			÷ U	

o-Terphenyl 101 41 - 137

QCReport - GGueorguieva - 12/22/2004 4:08:37 PM

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Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Laboratory Control Spike / Duplicate Results

Solid

Prep Batch ID: I Prep Date: 12/16			Review	cd by: LGI	ANTZ - 12/17/0	4	QC Batch ID: DS4480 Analysis Date: 12/16/200			
LCS Method: Parameter TPH as Diesel TPH as Motor Oil	EPA 8015 M Blank (MDL) <0.7 <2.6		actable) SpikeRcsolt 45.6 32,5	QC Type LCS LCS	Analysis Date 12/16/2004 12/16/2004	% Recovery 91.2 65.0	C RPD	Conc. Units: RPD Limits	mg/Kg Recovery Limits 44 - 108 32 - 130	
Surrogate o-Terphenyl	% Recovery 111	Control Lin 41 - 137				fa				
LCSD Method: Parameter TPH as Diese! TPH as Motor Oil	EPA 8015 M Blank (MDL) <0.7 <2.6		actable) SpikeResult 50.4 33.8	QC Type LCSD LCSD	Analysis Date 12/16/2004 12/16/2004	% Recovery 101 67.6	C RPD 10.0 3.9	onc. Units: RPD Limits 30 30	mg/Kg Recovery Limits 44 - 108 32 - 130	
Surrogate o-Terphenyl	% Recovery 118	Control Lim 41 - 137		N						

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	Quality Contr I	ol - Methoo _iquid	Blank		
Prep Batch ID: DW4834A Prep Date: 12/16/2004		UGLANTZ - 12/1	7/04		ch ID: DW4834A Date: 12/17/2004
Method Blank Met	nod: EPA 8015 MOD. (Extra	ctable)			
Parameter TPH as Diesel TPH as Kerosene TPH as Mineral Spirits (Stoddard) TPH as Motor Oil Surrogate for Blank % Recovery	Result ND ND ND ND	DF 1 1 1 1	PQLR 50 50 50 250	Units µg/L µg/L µg/L µg/L	

o-Tcrphenyl 108 22 - 133

Prep Batch ID: 1 Prep Date: 12/16	DW4834A	Control		Liqu	ntrol Spik uid ANTZ - 12/17/0	-	cate	QC Batcl	h ID; DW4834A Date: 12/17/2004
Parameter TPH as Diesel TPH as Motor Oil	EPA 8015 M Blank (MDL) <24 <88			QC Type LCS LCS	Analysis Date 12/17/2004 12/17/2004	% Recovery 104 77.0	C RPD	Conc. Units: RPD Limits	μg/L Recovery Limits 35 - 109 30 - 132
Surrogate o-Terphenyl	% Recovery 117	Control Lin 22 - 133	-						
LCSD Method; Parameter IPH as Diesel IPH as Motor Oil	EPA 8015 M Blank (MD1.) <24 <88	OD. (Extra Spike Amt 1000 500	actable) SpikeResult 1050 777	QC Type LCSD LCSD	Analysis Date 12/17/2004 12/17/2004	% Recovery 105 77.7	C RPD 1.5 0.9	Conc. Units: RPD Limits 25 25	µg/L Rccovery Limits 35 - 109 30 - 132
Surrogate o-Torphenyl	% Recovery 123	Control Lim 22 - 133		****	19 ₁₀₀		×.		

			Qu		ol - Method ₋iquid	Blank		
Prep Batch ID: DW48 Prep Date: 12/17/2004	QC Batch ID: DW48354 Analysis Date: 12/17/200							
Method Blank	Meth	od: E	PA 8015	MOD. (Extra	ctable)			
Parameter				Result	DF	PQLR	Units	
TPH as Dicsel				ND	1	50	μg/L	
TPH as Kerosene				ND	I	50	μg/L	
TPH as Mineral Spirits (Stodd	lard)			ND	1	50	.υ μg/Ն	
TPH as Motor Oil				ND	1	250	μg/l.	
Surrogate for Blank % o-Terphenyl	Recovery 98.0	Contr 22	ol Limits - 133					

Quality Control - Laboratory Control Spike / Duplicate Results Liquid Prep Batch ID: DW4835A Reviewed by: LGLANTZ - 12/20/04 QC Batch ID: DW4835A Prep Date: 12/17/2004 Analysis Date: 12/17/2004											
LCS Method: Parameter TPH as Diesel TPH as Motor Oil	EPA 8015 M Blank (MDL) <24 <88		actable) SpikeResult 1080 710	QC Type LCS LC\$	Analysis Date 12/17/2004 12/17/2004	% Recovery 108 71.0	C RPD	Conc. Units: RPD Limits	μg/L Recovery Limits 35 - 109 30 - 132		
Surrogate o-Terphenyl	% Recovery 120	Control Lin 22 - 133							-169 produ		
LCSD Method: Parameter TPH as Diesel	EPA 8015 M Blank (MDL)	Spike Amt	SpikeResult	QC Туре		% Recovery	C RPD	onc. Units: RPD Limits	μg/L Recovery Limits		
TPH as Motor Oil	<24 <88	1000 500	1070 710	LC\$D LC\$D	12/17/2004 12/17/2004	107 71.0	1.7 0.0	25 25	35 - 109 30 - 132		
Surrogate o-Terphenyl	% Recovery 119	Control Lin 22 - 133			····· · ····						

Aroclor 1254

Aroclor 1260

Aroclor 1262

Aroclor 1268

Surrogate for Blank

Decachlorobiphenyl

Entech Analytical Labs, Inc.

% Recovery Control Limits

43 - 156

105

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

		Quality Contr	ol - Method	i Blank		
		;	Solid			
Prep Batch ID: PS7 Prep Date: 12/15/20		Validated b	y: MTU - 12/16/04	4		Batch ID: PS7422A sis Date: 12/15/2004
Method Blank	Method: EPA	8082A		59		
Parameter		Result	DF	PQLR	Units	
Aroclor 1221		ND	1	0.1	mg/Kg	
Aroclor 1232		ND	1	0.1	mg/Kg	
Aroclor 1242		ND	1	0.1	mg/Kg	
Aroclor 1248		ND	1	Å 1	malla	

1

1

1

1

1

0.1

0.1

0.1

0.1

0.1

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

ND

ND

ND

ND

ND

	Quality (Control ·	- Laborat	ory Co Sol	ntrol Spik id	e / Duplic	ate l	Results		
Prep Batch ID: PS7422A Prep Date: 12/15/2004		Reviewed by: MTU - 12/16/04						QC Batch ID: PS7422A Analysis Date: 12/15/2004		
LCS Method: Parameter Aroclor 1260	EPA 8082A Blank (MDL) <0.004	Spike Amt 0.200	SpikeResult 0.224	QC Type LCS	Analysis Date 12/15/2004	% Recovery 112	C RPD	Conc. Units: RPD Limits		
Surrogate % Recovery Decachlorobiphenyl 103		Control Limits 43 - 156						1999 a com		
LCSD Method: Parameter Arocior 1260	EPA 8082A Blank (MDL) <0.004	Spike Amt 0.200	SpikeResult 0.227	QC Type LCSD	Analysis Date 12/15/2004	% Recovery 114	C RPD 1.4	Conc. Units: RPD Limits 30		
Surrogate Decachlorobiphenyl	% Recovery 103	Control Lin 43 - 156		ī					Щ	

Zinc

3334 Victor Court , Santa Clara, CA 95054

ND

ND

mg/Kg

mg/Kg

Quality Control - Method Blank Solid Prep Batch ID: SM041216 Validated by: MFELIX - 12/20/04 QC Batch ID: SICP2041220 Prep Date: 12/16/2004 Analysis Date: 12/20/2004 Method Blank Method: EPA 6010B Parameter Result DF PQLR Units Cadmium ND l 1 mg/Kg Chromium ND 1 1 mg/Kg Lead ND 1 5 mg/Kg Nickel

Phone: (408) 588-0200

l

1

1

2

Fax: (408) 588-0201

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Quality Control - Laboratory Control Spike / Duplicate Results

Solid

Prep Batch ID: SM041216 Prep Date: 12/16/2004 Reviewed by: MFELIX - 12/20/04

QC Batch ID: SICP2041220 Analysis Date: 12/20/2004

	Method:	EPA 6010B						Conc. Units: mg/Kg		
rameter		Blank (MDL)	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
dmium		<0.32	50.0	43.4	LCS	12/20/2004	86.8			75 - 125
romium		<0.4	50.0	47.6	LCS	12/20/2004	95.1			75 - 125
ad		<2.1	50.0	46.0	LCS	12/20/2004	91.9			75 - 125
ckel		<0.65	50.0	46.0	LCS	12/20/2004	92.0			75 - 125
10		<1.7	50.0	43.0	LCS	12/20/2004	85.9			75 - 125
1C		<1.7	50.0	43.0						

Method:							Conc. Units: mg/Kg		
	Blank (MDL)	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
	<0,32	50.0	43.0	LCSD	12/20/2004	86.0	0.9	30	75 - 125
	<0.4	50.0	47.5	LCSD	12/20/2004	95.1	0.0	30	75 - 125
	<2.1	50.0	44,8	LCSD	12/20/2004	89.7	2.5	30	75 - 125
	<0.65	50.0	45.9	LCSD	12/20/2004	91.8	0.3		75 - 125
	<1.7	50.0	43.3	LCSD	12/20/2004	86.5	0.7	30	75 - 125
	Method:	<0.32 <0.4 <2.1 <0.65	Blank (MDL) Spike Amt <0.32	Blank (MDL) Spike Amt SpikeResult <0.32	Blank (MDL) Spike Amt SpikeResult QC Type <0.32	Blank (MDL) Spike Amt SpikeResult QC Type Analysis Date <0.32	Blank (MDL) Spike Amt SpikeResult QC Type Analysis Date % Recovery <0.32	Blank (MDL) Spike Amt Spike Result QC Type Analysis Date % Recovery RPD <0.32	Blank (MDL) Spike Amt Spike Result QC Type Analysis Date % Recovery RPD RPD Limits <0.32

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Quality Control - Method Blank

Solid

Validated by: MTU - 12/17/04

QC Batch ID: SMS3041216 Analysis Date: 12/16/2004

Method Blank	Method: EPA 8260B	1910	1910-	
Parameter	Result	DF	PQLR	Units
1,1,1,2-Tetrachlorocthane	ND	1	5	μg/Kg
1,1,1-Trichloroethane	ND	1	5	µg/Kg
I,1,2,2-Tetrachlorocthane	ND	1	5	μg/Kg
1,1,2-Trichloroethane	- ND	1	5	μg/Kg
1,1-Dichloroethane	ND	1	S	μg/Kg
1,1-Dichloroethene	ND	1	5	μg/Kg
1,1-Dichloropropene	ND	1	5	μg/Kg
1,2,3-Trichlorobenzene	ND	1	5	μg/K g
1,2,3-Trichloropropane	ND	1	5	μg/Kg
1,2,4-Trichlorobenzene	ND	1	5	μg/Kg
1,2,4-Trimethylbenzene	ND	1	5	μg/Kg
1,2-Dibromo-3-Chloropropane	ND	1	5	µg/Kg
1,2-Dibromoethane (EDB)	ND	1	5	μg/Kg
1,2-Dichlorobenzenc	ND	i	5	<i>⊭8/</i> ∧8 µg/Kg
1,2-Dichloroethane	ND	1	5	
1,2-Dichloropropane	ND	100	5	μg/Kg
1,3,5-Trimethylbenzene	ND	1	5	µg/Kg
1,3-Dichlorobenzene	ND	1	5	µg/Kg
1,3-Dichloropropane	ND	2	5	µg/Kg
1,4-Dichlorobenzene	ND	1	5	μg/Kg
1,4-Dioxane	ND			μg/Kg
2,2-Dichloropropane	ND	1	100	µ8/Kg
2-Butanone (MEK)	ND	1	5	µg/Kg
2-Chloroethyl-vinyl Ether		4	40	μg/Kg
2-Chlorotoluene	ND	1	5	µg/Kg
2-Hexanonc	ND	1	5	µg/Kg
4-Chlorotoluene	ND	1	40	µg/Kg
4-Methyl-2-Pentanone(MIBK)	ND	1	5	µg/Kg
Acctone	ND	1	40	µg/Kg
Acetonitrile	ND	1	100	µg/Kg
Acrolein	ND	1	40	μg/Kg
Acrylonitrile	ND	1	5	µg/Kg
Benzene	ND	1	5	µg/Kg
Benzyl Chloride	ND	1	5	µg/Kg
Bromobenzene	ND	1	5	μg/Kg
Bromochloromethane	ND	1	5	µg/Kg
	ND	1	5	µg/Kg
Bromodichloromethane	ND	1	5	μ g /Kg
Bromoform	ND	1	5	µg/Kg
Bromontethane	ND	U.	5	µg∕Kg
Carbon Disulfide	ND	1	5	µg/Kg
Carbon Tetrachloride	ND	1	5	µg/Қg
Chlorobenzene	ND	1	5	µg/Kg
Chloroethane	ND	1	5	µg/Kg
Chloroform	ND	1	5	µg/Kg
Chloromethane	ND	1	5	μg/Kg

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Quality Control - Method Blank

Solid

Validated by: MTU - 12/17/04

QC Batch ID: SMS3041216 Analysis Date: 12/16/2004

Method Blank	Method: EPA 8260	B			
Parameter		Result	DF	PQLR	Units
cis-1,2-Dichloroethene		ND	1	5	μg/Kg
cis-1,3-Dichloropropene		ND	1	5	µg/Kg
Cyclohexanone		ND	1	40	μg/Kg
Dibromochloromethane		ND	1	5	μg/Kg
Dibromomethane		ND	1	5	µg/Kg
Dichlorodifluoromethane		ND	I	5	µg/Kg
Diisopropyl Ether		ND	1	5	μg/Kg
Ethyl Benzene		ND	1	5	μg/Kg
Freen 113		ND	1	5	µg/Kg
Hexachlorobutadicne		ND	1	S	µg/Kg
Iodomethane		ND	1	40	μg/Kg
Isopropanol		ND	1	100	μg/Kg
Isopropylbenzene		ND	1	5	µg/Kg
Methyl-t-buryl Ether		ND	1	\$	µg/Kg
Methylene Chloride		ND	1	25	μg/Kg
n-Butylbenzene		ND	1	5	μg/Kg
n-Propylbenzene		ND	1	5	µg/Kg
Naphthalene		ND	L	5	µg/Kg
p-Isopropyltoluene		ND	1	5	µg/Kg
Pentachlorocthanc		ND	1	5	µg/Kg
scc-Butylbenzene		ND	1	5	µg/Кg
Styrene		ND	1	5	μg/Kg
tert-Amyl Methyl Ether		ND	1	5	µg/Kg
tert-Butanol (TBA)		ND	1	40	µg/Кg
tert-Butyl Ethyl Ether		ND	1	5	µg/Кg
tert-Butylbenzene		ND	1	5	μg/Kg
Tetrachlorocthene		ND	1	5	µg/Kg
Tetrahydrofuran		ND	1	40	μg/Kg
Tolucne		ND	1	5	μg/Kg
trans-1,2-Dichloroethene		ND	1	5	µg/Kg
trans-1,3-Dichloropropene		ND	1	5	μg/Kg
trans-1,4-Dichloro-2-butene		ND	1	40	µg/Kg
Trichloroethene		ND	1	5	μ <u>g</u> /Kg
Trichlorofluoromethane		ND	1	5	μg/Kg
Vinyl Chloride		ND	1	5	μg/Kg
Xylenes, Total		ND	1	10	μg/Kg
	Recovery Control Limits				
4-Bromofluorobenzene	95.3 75 - 125				
Dibromofluoromethane	105 75 - 125				
Column d0					

125

Toluene-d8	113	75 -

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Quality Control - Method Blank

Solid

Validated by: MTU - 12/17/04

QC Batch ID: SMS3041216 Analysis Date: 12/16/2004

Method Blank	Meth	od: E	P/	A 8260	B			
Parameter					Result	DF	PQLR	Unit
TPH as Gasoline					ND	1	50	μ g/ Κ.
Surrogate for Blank	% Recovery	Cont	rol	Limits				
4-Bromofluorobenzene	95.3	75	-	125				
Dibromofluoromethane	105	75	-	125				
Toluenc-d8	113	75	-	125				

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Quality Control - Laboratory Control Spike / Duplicate Results

Solid

Reviewed by: MTU - 12/20/04

QC Batch ID: SMS3041216 Analysis Date: 12/16/2004

LCS Method: Parameter	EPA 8260B	G-11-1 4	0 H =				C	onc. Units:	
	Blank (MDL)	Spike Amt	SpikeResult	• • •	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichlorocthene	<0.3	40.0	38.4	LCS	12/16/2004	96.0			70 - 130
Benzene	<0.2	40.0	46.7	LCS	12/16/2004	117			70 - 130
Chlorobenzene	<0.2	40.0	41.8	LCS	12/16/2004	104			70 - 130
Methyl-t-butyl Ether	<0.5	40.0	33.5	LCS	12/16/2004	83.8			70 - 130
Toluene	<0.5	40.0	45.7	LCS	12/16/2004	114			70 - 130
Trichloroethene	<0.5	40.0	44.3	LCS	12/16/2004	111			70 - 130
Surrogate	% Recovery	Control Lin	nits		factor				7,00100
4-Bromofluorobenzene	102	75 - 123							
Dibromofluoromethane	109	75 - 125							
Toluene-d8	105	75 - 125							
LCSD Method:	EPA 8260B			111124		(TT-14	
Mictilou.	EPA 8260B Blank (MDL)	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery		onc, Units: RPD Limits	· - +
Parameter		Spike Amt 40.0	SpikeResult 41.3	QC Type LCSD	Analysis Date 12/16/2004	% Recovery	RPD	RPD Limits	Recovery Limits
Parameter 1,1-Dichloroethene	Blank (MDL)	-		LCSD	12/16/2004	103	RPD 7.3	RPD Limits 30	Recovery Limits 70 - 130
Parameter I, 1-Dichloroethene Benzene	Blank (MDL) <0.3	40.0	41.3	LCSD LCSD	12/16/2004 12/16/2004	103 116	RPD 7.3 0.3	RPD Limits 30 30	Recovery Limits 70 - 130 70 - 130
Parameter I, I-Dichloroethene Benzene Chlorobenzene	Blank (MDL) <0.3 <0.2	40.0 40.0	41.3 46.5 43.7	LCSD LCSD LCSD	12/16/2004 12/16/2004 12/16/2004	103 116 109	RPD 7.3 0.3 4.5	RPD Limits 30 30 30	Recovery Limits 70 - 130 70 - 130 70 - 130
LCSD Method: Parameter 1,1-Dichloroethene Benzene Chlorobenzene Methyl-t-butyl Ether Toluene	Blank (MDL) <0.3 <0.2 <0.2	40.0 40.0 40.0	41.3 46.5	LCSD LCSD	12/16/2004 12/16/2004	103 116	RPD 7.3 0.3	RPD Limits 30 30	Recovery Limits 70 - 130 70 - 130

% Recovery	Con	tro	Limits	
100	75	-	125	
111	75	-	125	
106	75	-	125	
	100 111	100 75 111 75	100 75 - 111 75 -	100 75 - 125 111 75 - 125

LCS Method: Parameter TPH as Gasoline	GC-MS Blank (MDL) <9	Spike Amt 250	SpikeResult 240	QC Type LCS	Analysis Date 12/16/2004	% R есоvегу 96.1		Conc. Units: RPD Limits	
Surrogate	% Recovery	Control Lin	nits			11 N N	0		
4-Bromofluorobenzene	102	75 - 125	5						
Dibromofluoromethane	106	75 - 125							
Toluene-d8	109	75 - 125							
							1.1.1.1		
nethou,		Spike Amt	SnikeResult	OC Type	Analusia Data	% Decement		onc. Units:	
Parameter	GC-MS Blank (MDL) <9	Spike Amt 250	SpikeResult 245	QC Type LCSD	Analysis Date 12/16/2004	% Recovery 97.8	C RPD 1.8	onc. Units: RPD Limits 30	
Parameter	Blank (MDL)	-	245				RPD	RPD Limits	Recovery Limits
Parameter IPH as Gasoline	Blank (MDL) <9	250	245 lits				RPD	RPD Limits	Recovery Limits
Parameter TPH as Gasoline Surrogate	Blank (MDL) <9 % Recovery	250 Centrol Lim	245 lits				RPD	RPD Limits	Recovery Limits

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Quality Control - Method Blank Solid									
Prep Batch ID: PMS0412		y: MTU - 12/17/04	1	OC Basel ID. CMC2041016					
Prep Date: 12/16/2004				QC Batch ID: SMS3041216 Analysis Date: 12/16/200					
Method Blank1	Method: EPA \$260B			77441935 Date: 12/10/200					
Parameter									
1,1,1,2-Tetrachloroethane	Result	DF	PQLR	Units					
1,1,1-Trichloroethane	ND	50	250	μg/Kg					
1,1,2,2-Tetrachloroethane	ND ND	50	250	μg/Кg					
1,1,2-Trichloroethane		50	250	µg/Kg					
1,1-Dichloroethane	ND	50	250	µg/Кg					
1,1-Dichloroethene	ND	50	250	µg/Кg					
1,1-Dichloropropene	ND	50	250	μg/Kg					
1,2,3-Trichlorobenzene	ND	50	250	µg/Kg					
1,2,3-Trichloropropane	ND	50	250	µg/Кg					
1,2,4-Trichlorobenzene	ND	50	250	μg/Kg					
	ND	50	250	µg/Кg					
1,2,4-Trimethylbenzenc	ND	50	250	μg/Kg					
1,2-Dibromo-3-Chloropropane	ND	50	250	µg/Кg					
1,2-Dibromoethane (EDB)	ND	50	250	μg/Kg					
1,2-Dichlorobenzene	ND	50	250	µg/Kg					
1,2-Dichloroethane	ND	50	250	μg/Kg					
1,2-Dichloropropane	ND	50	250	µg/Kg					
1,3,5-Trimethylbenzene	ND	50	250	µg/Kg					
1,3-Dichlorobenzene	ND	50	250	µg/Қg					
,3-Dichloropropane	ND	50	250	μg/Kg					
4-Dichlorobenzene	ND	50	250	µg/Kg					
,4-Dioxane	ND	50	5000	μg/Kg					
2,2-Dichloropropane	ND	50	250	μg/Kg					
2-Butanone (MEK)	ND	50	2000	μg/Kg					
-Chloroethyl-vinyl Ether	ND	50	250	µg/Kg					
2-Chlorotolucne	ND	50	250	µg/Kg					
2-Hexanone	ND	50	2000	µg/Кg					
-Chlorotoluene	ND	50	250	µg/Kg					
-Methyl-2-Pentanone(MIBK)	ND	50	2000	µg/Кg					
Acetone	ND	50	5000	µg/Kg					
Acetonitrile	ND	50	2000	µg/Kg					
Acrolein	ND	50	250	μg/Kg					
crylonitrile	ND	50	250	μg/Kg					
Senzene	ND	50	250	μg/Kg					
lenzyl Chloride	ND	50	250	μg/Ky					
fromobenzene	ND	50	250	μg/Kg					
romochloromethane	ND	50	250	με/Kg					
romodichloromethanc	ND	50	250	но на µg/Кg					
romoform	ND	50	250	µв/Хв					
romomethane	ND	50	250	но ке µ8/Кв					
arbon Disulfide	ND	50	250	нулку µу/Кg					
arbon Tetrachloride	ND	50	250	μg/Kg					
hlorobenzene	ND	50	250						
hloroethane	ND	50		µg/Кg µа/Ка					
hloroform	ND	50 50	250	μg/Kg					
hloromethane	ND	50	250 250	µg/Кg µg/Кg					

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		Quality Contr	ol - Method	l Blank	
			Solid		
Prep Batch ID: PMS04	1216	Validated b	y: MTU - 12/17/04	4	QC Batch ID: SMS3041216B
Prep Date: 12/16/2004					Analysis Date: 12/16/2004
Method Blank1	Method: EPA	A 8260B		44	
Parameter		Result	DF	PQLR	Units
cis-1,2-Dichloroethenc		ND	50	250	µg/Кg
cis-1,3-Dichloropropene		ND	50	250	µg/Kg
Cyclohexanone		ND	50	2000	µg/Кg
Dibromochloromethane		ND	50	250	µg/Кg
Dibromomethane		ND	50	250	µg/Кg
Dichlorodifluoromethane		ND	50	250	μ g/Kg
Diisopropyl Ether		ND	50	250	µg/Кg
Ethyl Bonzone		ND	50	250	μg/Kg
Frcon 113		ND	50	250	μg/Kg
Hexachlorobutadione		ND	50	250	µg/Кg
Iodomethane		ND	50	2000	µд/Кд
Isopropanol		ND	50	5000	μg/Kg
Isopropylbenzene		ND	50	250	µш/Кв
Methyl-t-butyl Ether		ND	50	250	р <i>в</i> /К <u>8</u>
Methylene Chloride		ND	50	1250	μg/Kg
n-Butylbenzene		ND	50	250	μg/Kg
n-Propylbenzene		ND	50	250	μg/Kg
Naphthalene		ND	50	250	нала Иа/Ка
p-Isopropyltoluene		ND	50	250	
Pentachlorocthanc		ND	50	250	µ\$/Кв ис/Ка
sec-Butylbenzene		ND	50	250	µg/Kg
Styrene		ND	50	250	µ <u>а</u> /Ка
tert-Amyl Methyl Ether		ND	50	250	µg/Kg
tert-Butanol (TBA)		ND	50	2000	µg/Кg
tert-Butyl Ethyl Ether		ND	50		μg/Kg
tert-Butylbenzene		ND	50	250	μg/Kg
Tetrachlorocthene		ND	50	250	μ <u>ε</u> /Κ <u>ε</u>
Tetrahydrofuran		ND	50	250	µg/К <u></u> g
Toluene		ND		2000	µg/Кg
trans-1,2-Dichlorocthene		ND	50	250	µg/Kg
trans-1,3-Dichloropropene			50	250	µg/Кg
trans-1,4-Dichloro-2-butenc		ND ND	50	250	μg/Kg
Trichloroethene		ND	50	2000	μg/Kg
Trichlorofluoromethane			50	250	µg/Kg
Vinyl Chloride			50	250	μ <u>ε</u> /Kg
Xylenes, Total		ND ND	50	250	μg/Kg
			50	500	µ <i>g/</i> К <u></u>
	covery Control I				
		125			
		125			
Toluene-d8	112 75 -	125			

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Quality Control - Laboratory Control Spike / Duplicate Results

Solid

Prep Batch ID: PMS041216

Prep Date: 12/16/2004

QC Batch ID: SMS3041216B Analysis Date: 12/16/2004

LCSI Method:	EPA 8260B						C	Conc. Units:	µg/Kg
Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.3	2000	1910	LCS1	12/16/2004	95.7			70 - 130
Benzene	<0.2	2000	2200	LC\$1	12/16/2004	110			70 - 130
Chlorobenzene	<0,2	2000	2030	LCSI	12/16/2004	101			70 - 130
Methyl-t-butyl Ether	<0.5	2000	1610	LCS1	12/16/2004	80.4			70 - 130
Toluene	<0.5	2000	2340	LCS1	12/16/2004	117			70 - 130
Trichloroethene	<0.5	2000	1940	LCS1	12/16/2004	97,0			70 - 130
Surrogate	% Recovery	Control Limi	its						
4-Bromofluorobenzene	108	75 - 125							
Dibromofluoromethanc	111	75 - 125							
Toluene-d8	115	75 - 125							
									and a loss

CPA 8260B						C	onc. Units:	µg/Kg
Blank (MDL)	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
<0.3	2000	1820	LCSD1	12/16/2004	91.2	4.8	30	70 - 130
<0.2	2000	2150	LC\$D1	12/16/2004	108	2.3	30	70 - 130
<0.2	2000	1810	LCSD1	12/16/2004	90.5	11.4	30	70 - 130
<0.5	2000	1410	LCSD1	12/16/2004	70.4	13.3	30	70 - 130
<0,5	2000	2030	LC\$DI	12/16/2004	101	14.3	30	70 - 130
<0.5	2000	1860	LCSDI	12/16/2004	93.2	4.0	30	70 - 130
% Recovery	Control Lim	nits					······	
104	75 - 125							
116	75 - 125							
107	75 - 125							
	Blank (MDL) <0.3 <0.2 <0.2 <0.5 <0.5 <0.5 <0.5 % Recovery 104 116	Blank (MDL) Spike Amt <0.3	Blank (MDL) Spike Amt SpikeResult <0.3	Blank (MDL) Spike Amt SpikeResult QC Type <0.3	Blank (MDL) Spike Amt SpikeResult QC Type Analysis Date <0.3	Blank (MDL) Spike Amt SpikeResult QC Typc Analysis Date % Recovery <0.3	Blank (MDL) Spike Amt Spike Result QC Type Analysis Date % Recovery RPD <0.3	Blank (MDL) Spike Amt SpikeResult QC Type Analysis Date % Recovery RPD RPD Limits <0.3

Reviewed by: MTU - 12/17/04

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Quality Control - Method Blank

Liquid

Validated by: BDHABALIA - 12/21/04

QC Batch ID: WMS1041217 Analysis Date: 12/17/2004

Method Blank Method:	EPA 8260B			
Parameter	Result	DF	PQLR	Unit
1,1,1,2-Tetrachlorocthane	ND	1	0.5	μg/L
1,1,1-Trichlorocthane	ND	1	0.5	μg/L
1,1,2,2-Tetrachloroethanc	ND	1	0.5	⊢-g-− μg/L
1,1,2-Trichloroethane	ND	1	0.5	μg/L
1,1-Dichloroethane	ND	1	0.5	μg/L
1,1-Dichlorocthene	ND	1	0.5	μg/L
1,1-Dichloropropene	ND	1	0,5	μg/L
1,2,3-Trichlorobenzene	ND	Ĩ	5	μg/L
1,2,3-Trichloropropane	ND	1	0.5	μg/I.
1,2,4-Trichlorobenzene	ND	1	5	μg/I.
1,2,4-Trimethylbenzene	ND	1	5	μg/L
1,2-Dibromo-3-Chloropropane	NĎ	1	5	μg/L
1,2-Dibromocthane (EDB)	ND	1	0.5	μg/L
1,2-Dichlorobenzene	ND	1	0.5	μ <u>8</u> /L
1,2-Dichloroethanc	ND	1	0.5	μg/L
1,2-Dichloropropane	ND	1	0.5	μg/L
1,3,5-Trimethylbenzene	ND	1	5	μg/L
1,3-Dichlorobenzene	ND	1	0.5	μg/L
1,3-Dichloropropane	ND	1	0.5	μg/L
1,4-Dichlorobenzene	ND	1	0.5	μg/L
1,4-Dioxanç	ND	1	50	μg/L
2,2-Dichloropropane	ND	1	0.5	μg/L
2-Butanone (MEK)	ND	1	20	μg/L
2-Chloroethyl-vinyl Ether	ND	1	5	μ <u></u> β/L
2-Chlorotoluene	ND	1	5	μg/L
2-Hexanone	ND	1	20	µg/L,
4-Chlorotoluene	ND	1	5	μg/L
4-Methyl-2-Pentanone(MIBK)	ND	1	20	μg/L
Acctone	ND	1	20	μg/L
Acetonitrile	ND	1	5	г.₽.− µg/Ն
Acrolein	ND	1	5	⊢o~~ µg/L
Acrylonitrile	ND	1	5	µ _≝ ∕L
Benzene	ND	1	0,5	µş/Г,
Benzyl Chloridç	ND	1	5	μg/L
Bromobenzene	ND	1	0.5	μg/L
Bromochloromethane	ND	1	0.5	μg/L
Bromodichloromethane	ND	1	0.5	μg/L
Bromoform	ND	1	0.5	μg/L
3romomethane	ND	1	0.5	μg/L
Carbon Disulfide	ND	1	0,5	μg/L
Carbon Tetrachloride	ND	1	0.5	µg∕L
Chlorobenzene	ND	1	0.5	μց/Լ μg/Լ
Chlorocthane	ND	i	0.5	μg/L μg/L
Chloroform	ND	1	0.5	μց/Ը μg/Ը
Chloromethane	ND	î	0.5	μg/L

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200

Fax: (408) 588-0201

Quality Control - Method Blank

Liquid

Validated by: BDHABALIA - 12/21/04

QC Batch ID: WMS1041217 Analysis Date: 12/17/2004

Methyl-t-butyl Ether ND 1 1 µg/L Methyl-t-butyl Ether ND 1 20 µg/L n-Broyblenzene ND 1 5 µg/L n-Propylbenzene ND 1 5 µg/L Naphthalene ND 1 5 µg/L P-lsopropylotucnc ND 1 5 µg/L Pentachloroothane ND 1 0.5 µg/L see-Butylbenzene ND 1 0.5 µg/L Styrene ND 1 0.5 µg/L tert-Amyl Methyl Ether ND 1 10 µg/L tert-Butanol (TBA) ND 1 10 µg/L tert-Butylbenzene ND 1 5 µg/L tert-Butyloftran ND 1 0.5 µg/L tert-Butylbenzene ND 1 0.5 µg/L tert-Butylbenzene ND 1 0.5 µg/L tert-Butylbenzene ND 1 0.5 µg/L Tolanor (TBA)	Method Blank	Method: EPA 82601	B			10005
ick ick <th>Parameter</th> <th></th> <th>Result</th> <th>DF</th> <th>PQLR</th> <th>Units</th>	Parameter		Result	DF	PQLR	Units
Cicil-Ja-Dichloropropene ND 1 0.5 µPL Cyclolexanone ND 1 0.5 µPL Dibromochloromethane ND 1 0.5 µPL Dibromochloromethane ND 1 0.5 µPL Disopropyl Ether ND 1 0.5 µPL Disopropyl Ether ND 1 0.5 µPL Bithyl Bezzne ND 1 1 µPL Hexachlorobutadiene ND 1 1 µPL Isoproppanol ND 1 1 µPL Isopropylbenzene ND 1 1 µPL Methyl-buyl Ether ND 1 20 µPL Naphthalase ND 1 5 µPL Pisopropylouzene	cis-1,2-Dichloroethene		ND	1	0.5	μg/L
Cycloblezance ND 1 20 µg/L Dibromochloronchlorenchane ND 1 0.5 µg/L Dibromochloronchane ND 1 0.5 µg/L Dichlorodifluoronethane ND 1 0.5 µg/L Dikopropyl Ether ND 1 5 µg/L Ethyl Benzene ND 1 1 µg/L Hexachlorobutadiene ND 1 1 µg/L Isopropsil ND 1 1 µg/L Isopropsil ND 1 1 µg/L Isopropsil ND 1 1 µg/L Isopropsilonzane ND 1 1 µg/L Isopropsilonzane ND 1 5 µg/L n-Propsilonzane ND 1 5 µg/L n-Propsilonzane ND 1 0.5 µg/L ret-Amyl Methyl Ether ND 1 0.5 µg/L ret-Amyl Methyl	cis-1,3-Dichloropropene		ND	1	0.5	-
Dibronnochlane ND I 0.5 µgL Dibronnomethane ND 1 0.5 µgL Dibronnomethane ND 1 0.5 µgL Discopropyl Ether ND 1 0.5 µgL Ethyl Benzene ND 1 0.5 µgL Hexanklorobutadiene ND 1 1 µgL Isopropyl Ender ND 1 1 µgL Hexanklorobutadiene ND 1 1 µgL Isopropyl Ender ND 1 1 µgL Isopropyl Ender ND 1 1 µgL Isopropyl Ender ND 1 1 µgL Isopropylezzene ND 1 1 µgL Isopropylezzene ND 1 5 µgL Pabutalene ND 1 5 µgL Palepropylobuenc ND 1 5 µgL Palepropylobuenc ND	Cyclohexanone		ND	1	20	
Dibrommethane ND 1 0.5 µgL Dicklorodifluoromethane ND 1 0.5 µgL Dicklorodifluoromethane ND 1 0.5 µgL Ethyl Benzene ND 1 0.5 µgL Ethyl Benzene ND 1 1 µgL Hexachlorobutadiene ND 1 1 µgL Idoomethane ND 1 1 µgL Isopropatol ND 1 1 µgL Isopropatol ND 1 1 µgL Methylenc Chloride ND 1 20 µgL n-Broyribenzene ND 1 5 µgL n-Strytbenzene ND 1 5 µgL pisopropytolocne ND 1 5 µgL pisopropytolocne ND 1 0.5 µgL pisopropytolocne ND 1 0.5 µgL pisopropytolocne ND </td <td>Dibromochloromethane</td> <td></td> <td>ND</td> <td>1</td> <td>0.5</td> <td></td>	Dibromochloromethane		ND	1	0.5	
Diskopropyl Ether ND 1 0.5 µg/L Diisopropyl Ether ND 1 5 µg/L Diisopropyl Ether ND 1 0.5 µg/L Ethyl Berzene ND 1 1 µg/L Idemethane ND 1 1 µg/L Isopropaloi ND 1 1 µg/L Isopropaloi ND 1 1 µg/L Methyl-t-butyl Ether ND 1 1 µg/L Methyl-to-Chloride ND 1 20 µg/L n-Butylbenzene ND 1 20 µg/L n-Butylbenzene ND 1 5 µg/L n-Butylbenzene ND 1 5 µg/L Naphthalene ND 1 5 µg/L Pisopropylocucne ND 1 0.5 µg/L Styrene ND 1 0.5 µg/L Styrene ND 1 </td <td>Dibromomethane</td> <td></td> <td>ND</td> <td>1</td> <td>0.5</td> <td></td>	Dibromomethane		ND	1	0.5	
Disopropyl Ether ND 1 5 µg/L Bityl Benzene ND 1 0.5 µg/L Bityl Benzene ND 1 1 µg/L Bityl Benzene ND 1 1 µg/L Hexachlorobutadiene ND 1 1 µg/L Idoomethane ND 1 1 µg/L Isopropylonzena ND 1 1 µg/L Methylene Chloride ND 1 20 µg/L n-Burylonzene ND 1 5 µg/L n-Propylbenzene ND 1 5 µg/L n-Propylbenzene ND 1 5 µg/L n-Propylbenzene ND 1 5 µg/L Pslopropylolucne ND 1	Dichlorodifluoromethane		ND	1	0.5	
Ethyl Benzene ND 1 0.5 µg/L Freen 113 ND 1 1 µg/L Hexachlorobutadiene ND 1 1 µg/L Isopropanol ND 1 1 µg/L Isopropanol ND 1 1 µg/L Isopropanol ND 1 1 µg/L Methyle-chloride ND 1 1 µg/L Methyle-chloride ND 1 20 µg/L n-Batylbenzene ND 1 5 µg/L n-Propylbenzene ND 1 5 µg/L n-Propylbenzene ND 1 5 µg/L n-Propylbenzene ND 1 5 µg/L p-Isopropylotorochane ND 1 0.5 µg/L sec-Butylbenzene ND 1 0.5 µg/L tert-Aunol Methyl Ether ND 1 0.5 µg/L tert-Butyl Ethyl Ether ND 1 0.5 µg/L Tetrachloroethene ND	Diisopropyl Ether		ND	1	5	
Freen 113 ND 1 1 µg/L Hexachlorobutadiene ND 1 5 µg/L Lodomethane ND 1 1 µg/L Isopropanol ND 1 20 µg/L Isopropanol ND 1 1 µg/L Isopropanol ND 1 1 µg/L Methylene Chloride ND 1 1 µg/L n-Propylbenzene ND 1 5 µg/L p-Isopropylbource ND 1 5 µg/L p-Isopropylbource ND 1 0.5 µg/L stert-Autoni CHA) ND 1	Ethyl Benzene		ND	1	0.5	
Hexachloropbutadiene ND 1 5 µg/L Iodomethane ND 1 1 µg/L isopropanol ND 1 20 µg/L isopropyloenzene ND 1 1 µg/L Methyl-butyl Ether ND 1 1 µg/L Methylene Chloride ND 1 20 µg/L n-Butyloenzene ND 1 5 µg/L n-Butyloenzene ND 1 5 µg/L n-Butyloenzene ND 1 5 µg/L n-Propylbenzene ND 1 5 µg/L p-lsopropyltoluene ND 1 5 µg/L p-lsopropyltoluene ND 1 0.5 µg/L sec-Butylbenzene ND 1 5 µg/L styrene ND 1 5 µg/L tert-Amyl Methyl Ether ND 1 0.5 µg/L tert-Butyloenzene ND 1 0.5 µg/L Tetrabutyloforgrop ND	Freon 113		ND	1	1	
isopropaid ND i 1 1 1/4/L Methylen Chloride ND I 20 1/4/L n-Buylbonzene ND I 5 1/4/L n-Proylbenzene ND I 5 1/4/L Naphthalene ND I 5 1/4/L Pertachloroothane ND I 0.5 1/4/L Styrene ND I 0.5 1/4/L tert-Amyl Methyl Ether ND I 0.5 1/4/L tert-Butgol Ethyl Ether ND I 0.5 1/4/L tert-Buyl Ethyl Ether ND I 0.5 1/4/L tert-Buyl Ethyl Ether ND I 0.5 1/4/L tert-Buyl Ethyl Ether ND I <t< td=""><td>Hexachlorobutadiene</td><td></td><td>ND</td><td>1</td><td>5</td><td></td></t<>	Hexachlorobutadiene		ND	1	5	
Isopropanol ND 1 20 µg/L Isopropulbenzene ND 1 1 µg/L Methyle-butyl Ether ND 1 1 µg/L Methylene Chloride ND 1 20 µg/L n-Butyltonzene ND 1 5 µg/L n-Propylbenzene ND 1 5 µg/L Naphthalene ND 1 5 µg/L Naphthalene ND 1 5 µg/L P-Isopropylotouco ND 1 5 µg/L Pentachioroethane ND 1 0.5 µg/L see-Butylbenzene ND 1 0.5 µg/L styrene ND 1 0.5 µg/L styrene ND 1 0.5 µg/L tert-Amyl Methyl Ether ND 1 0.5 µg/L tert-Butyloczene ND 1 0.5 µg/L tert-Butyloczene ND 1 0.5 µg/L Tetrachloroethene ND 1 </td <td>Iodomethane</td> <td></td> <td>ND</td> <td>1</td> <td>1</td> <td></td>	Iodomethane		ND	1	1	
Isopropylbenzene ND I I µg/L Methyl+t-butyl Ether ND I 1 µg/L Methylene Chloride ND I 20 µg/L n-Butylbenzene ND I 5 µg/L n-Propylbenzene ND I 5 µg/L Naphthalene ND I 5 µg/L Pisopropylbolucne ND I 0.5 µg/L pisopropylbolucne ND I 0.5 µg/L sec-Butylbenzene ND I 0.5 µg/L stert-Amyl Methyl Ether ND I 0.5 µg/L tert-Butyl Methyl Ether ND I 10 µg/L tert-Butyl Methyl Ether ND I 0.5 µg/L tert-Butylbenzene ND I 0.5 µg/L tert-Butyl Methyl Ether ND I 0.5 µg/L tert-Butyl benzene ND I 0.5 µg/L Terta-Butyl Methyl Ether ND I 0.5 µg/L <tr< td=""><td>Isopropanol</td><td></td><td>ND</td><td>1</td><td>20</td><td></td></tr<>	Isopropanol		ND	1	20	
Methyl-t-butyl Ether ND 1 1 µg/L Methylene Chloride ND 1 20 µg/L n-Butylbenzene ND 1 5 µg/L n-Propylbenzene ND 1 5 µg/L Naphthalene ND 1 5 µg/L p-lsopropyltoluenc ND 1 5 µg/L p-lsopropyltoluenc ND 1 0.5 µg/L sec-Butylbenzene ND 1 0.5 µg/L sec-Butylbenzene ND 1 0.5 µg/L stert-Amyl Methyl Ether ND 1 0.5 µg/L tert-Butyl Ethyl Ether ND 1 5 µg/L tert-Butyl Ethyl Ether ND 1 0.5 µg/L Toluene ND 1 0.5 µg/L <t< td=""><td>Isopropylbenzene</td><td></td><td>ND</td><td>1</td><td>1</td><td></td></t<>	Isopropylbenzene		ND	1	1	
Methylene Chloride ND 1 20 µg/L n=Butylbenzene ND 1 5 µg/L n=Propylbenzene ND 1 5 µg/L Naphthalene ND 1 5 µg/L Paptopylbenzene ND 1 5 µg/L Pentachforoethane ND 1 5 µg/L Styrene ND 1 0.5 µg/L sec-Butylbenzene ND 1 0.5 µg/L Styrene ND 1 0.5 µg/L tert-Amyl Methyl Ether ND 1 0.5 µg/L tert-Butgol (TBA) ND 1 10 µg/L tert-Butgol (TBA) ND 1 0.5 µg/L tert-Butylbenzene ND 1 0.5 µg/L Tetrahydrofuran ND 1 0.5 µg/L Tetrahydrofuran ND 1 0.5 µg/L Toluene ND 1 0.5 µg/L trans-1,2-Dichloroethene ND	Methyl-t-butyl Ether		ND	1	1	
n-Butylbenzene ND I S µg/L n-Propylbenzene ND 1 5 µg/L Naphthalene ND 1 5 µg/L p-lsopropylboluene ND 1 5 µg/L p-lsopropylboluene ND 1 0.5 µg/L Pentachloroothane ND 1 0.5 µg/L sec-Butylbenzene ND 1 0.5 µg/L sec-Butylbenzene ND 1 0.5 µg/L sec-Butylbenzene ND 1 0.5 µg/L tert-Amyl Methyl Ether ND 1 10 µg/L tert-Butyl Ethyl Ether ND 1 5 µg/L tert-Butyl Ethyl Ether ND 1 0.5 µg/L Tetrachloroethene ND 1 0.5 µg/L	Methylene Chloride		ND	1	20	
n-Propylbenzene ND 1 S µg/L Naphthalene ND 1 5 µg/L p-lsopropylboluenc ND 1 0.5 µg/L Pentachloroothane ND 1 0.5 µg/L sec-Butylbenzene ND 1 0.5 µg/L sec-Butylbenzene ND 1 0.5 µg/L styrene ND 1 0.5 µg/L styrene ND 1 0.5 µg/L tert-Amyl Methyl Ether ND 1 10 µg/L tert-Butyl Ethyl Ether ND 1 5 µg/L tert-Butylbenzene ND 1 5 µg/L tert-Butylbenzene ND 1 0.5 µg/L terta-Butylbenzene ND 1 0.5 µg/L terta-Butyloenzene ND 1 0.5 µg/L terta-Butyloenzene ND 1 0.5 µg/L terta-Butyloenzene ND 1 0.5 µg/L trans-1,2-Dichloroethen	n-Butylbenzene		ND	1		
Naphthalene ND 1 5 µg/L p-lsopropyltoluene ND 1 5 µg/L Pentachloroethane ND 1 0.5 µg/L see-Butylbenzene ND 1 5 µg/L see-Butylbenzene ND 1 0.5 µg/L styrene ND 1 0.5 µg/L tert-Amyl Methyl Ether ND 1 0.5 µg/L tert-Amyl Methyl Ether ND 1 10 µg/L tert-Butyl Ethyl Ether ND 1 5 µg/L tert-Butyl Ethyl Ether ND 1 5 µg/L tert-Butyl Ethyl Ether ND 1 0.5 µg/L Tetra-Butyl Grane ND 1 0.5 µg/L	n-Propylbenzene		ND	1		
p-Isopropyleducenc ND 1 5 µg/L Pentachlorocthane ND 1 0.5 µg/L sec-Butylbenzene ND 1 0.5 µg/L Styrene ND 1 0.5 µg/L tert-Amyl Methyl Ether ND 1 0.5 µg/L tert-Amyl Methyl Ether ND 1 0.5 µg/L tert-Butyl Ethyl Ether ND 1 0.5 µg/L Tetra-Butyl Gruran ND 1 0.5	Naphthalene		ND	1	5	
Pentachloroothane ND 1 0.5 µg/L sec-Butylbenzene ND 1 5 µg/L Styrene ND 1 0.5 µg/L Styrene ND 1 0.5 µg/L tert-Amyl Methyl Ether ND 1 5 µg/L tert-Butanol (TBA) ND 1 10 µg/L tert-Butyl Ether ND 1 5 µg/L tert-Butyl Ether ND 1 5 µg/L tert-Butylbenzene ND 1 0.5 µg/L Tetrachloroothene ND 1 0.5 µg/L Tetrachloroothene ND 1 0.5 µg/L Toluene ND 1 0.5 µg/L trans-1,2-Dichloroothene ND 1 0.5 µg/L trans-1,3-Dichloroorpopene ND 1 0.5 µg/L trichlorofluoromethane ND 1 0.5 µg/L Vinyl Acetate ND 1 0.5 µg/L Vinyl Chloride <td>p-Isopropyltolucne</td> <td></td> <td>ND</td> <td>I</td> <td>5</td> <td></td>	p-Isopropyltolucne		ND	I	5	
sec-Butylbenzene ND 1 5 µg/L Styrene ND 1 0,5 µg/L tert-Amyl Methyl Ether ND 1 5 µg/L tert-Butanol (TBA) ND 1 10 µg/L tert-Butyl Ethyl Ether ND 1 5 µg/L tert-Butyl Ethyl Ether ND 1 5 µg/L tert-Butyl Ethyl Ether ND 1 5 µg/L tert-Butylbenzene ND 1 5 µg/L tertachloroethene ND 1 0.5 µg/L Tetrachloroethene ND 1 0.5 µg/L trans-1,2-Dichloroethene ND 1 0.5 µg/L trans-1,3-Dichloropropene ND 1 0.5 µg/L trans-1,4-Dichloro-2-butene ND 1 0.5 µg/L Trichlorofluoromethane ND 1 0.5 µg/L Vinyl Acetate ND 1 0.5 µ	Pentachlorocthane		ND	1	0.5	-
Styrene ND 1 0,5 µg/L tert-Amyl Methyl Ether ND 1 5 µg/L tert-Butanol (TBA) ND 1 10 µg/L tert-Butyl Ethyl Ether ND 1 5 µg/L tert-Butyl Ethyl Ether ND 1 5 µg/L tert-Butylbozzene ND 1 5 µg/L tert-Butylbozzene ND 1 0.5 µg/L Tetrachloroethene ND 1 0.5 µg/L Tetrashydrofuran ND 1 0.5 µg/L Toluene ND 1 0.5 µg/L trans-1,2-Dichloroethene ND 1 0.5 µg/L trans-1,3-Dichloropropene ND 1 0.5 µg/L trans-1,4-Dichloro-2-butene ND 1 0.5 µg/L Trichlorofluoromethane ND 1 0.5 µg/L Vinyl Acetate ND 1 0.5 µg/L Vinyl Chloride ND 1 0.5 µg/L X	sec-Butylbenzene		ND	1	5	
tert-Amyl Methyl Ether ND 1 5 µg/L tert-Butanol (TBA) ND 1 10 µg/L tert-Butyl Ethyl Ether ND 1 5 µg/L tert-Butyl Ethyl Ether ND 1 5 µg/L tert-Butylbenzene ND 1 5 µg/L Tetrachloroethene ND 1 0.5 µg/L Tetrachloroethene ND 1 0.5 µg/L Toluene ND 1 0.5 µg/L trans-1,2-Dichloroethene ND 1 0.5 µg/L trans-1,3-Dichloropropene ND 1 0.5 µg/L trans-1,4-Dichloro-2-butene ND 1 0.5 µg/L Trichloroethene ND 1 0.5 µg/L Vinyl Acetate ND 1 0.5 µg/L Vinyl Acetate ND 1 0.5 µg/L Vinyl Chloride ND 1 0.5 µg/L Xylenes, Totai ND 1 0.5 µg/L	Styrene		ND	1		
tert-Butanol (TBA) ND 1 10 µg/L tert-Butyl Ethyl Ether ND 1 5 µg/L tert-Butyl Ethyl Ether ND 1 5 µg/L tert-Butyl Ethyl Ether ND 1 5 µg/L tert-Butylbenzene ND 1 0.5 µg/L Tetrachloroethene ND 1 0.5 µg/L Toluene ND 1 0.5 µg/L trans-1,2-Dichloroethene ND 1 0.5 µg/L trans-1,3-Dichloropropene ND 1 0.5 µg/L trans-1,4-Dichloro-2-butene ND 1 0.5 µg/L Trichlorofluoromethane ND 1 0.5 µg/L Trichlorofluoromethane ND 1 0.5 µg/L Vinyl Acetate ND 1 0.5 µg/L Vinyl Chloride ND 1 0.5 µg/L Surrogate for Blank % Recovery Control Limits 4-Bromofluorobenzene 88.8 75 - 125	tert-Amyl Methyl Ether		ND	1		
tert-Butyl Ethyl Ether ND 1 5 µg/L tert-Butylbenzene ND 1 5 µg/L Tetrachloroethene ND 1 0.5 µg/L Tetrachloroethene ND 1 0.5 µg/L Tetrachloroethene ND 1 0.5 µg/L Toluene ND 1 0.5 µg/L trans-1,2-Dichloroethene ND 1 0.5 µg/L trans-1,3-Dichloroptopene ND 1 0.5 µg/L trans-1,4-Dichloro-2-butene ND 1 0.5 µg/L Trichlorofluoromethane ND 1 0.5 µg/L Trichlorofluoromethane ND 1 0.5 µg/L Vinyl Acetate ND 1 0.5 µg/L Vinyl Chloride ND 1 0.5 µg/L Surrogate for Blank % Recovery Control Limits 4-Bronofluorobenzene 88.8 75 - 125	tert-Butanol (TBA)		ND	1	10	
tert-Butylbenzene ND 1 5 µg/L Tetrachloroethene ND 1 0.5 µg/L Tetrachloroethene ND 1 20 µg/L Toluene ND 1 0.5 µg/L Toluene ND 1 0.5 µg/L trans-1,2-Dichloroethene ND 1 0.5 µg/L trans-1,3-Dichloropropene ND 1 0.5 µg/L trans-1,4-Dichloro-2-butene ND 1 0.5 µg/L Trichloroethene ND 1 0.5 µg/L Trichloroethene ND 1 0.5 µg/L Vinyl Acetate ND 1 0.5 µg/L Vinyl Chloride ND 1 0.5 µg/L Xylenes, Total ND 1 0.5 µg/L Surrogate for Blank % Recovery Control Limits 4-Bromofluorobenzene 88.8 75 - 125	tert-Butyl Ethyl Ether		ND	1	5	
Tetrachloroethene ND 1 0.5 µg/L Tetrahydrofuran ND 1 20 µg/L Toluene ND 1 0.5 µg/L trans-1,2-Dichloroethene ND 1 0.5 µg/L trans-1,2-Dichloropropene ND 1 0.5 µg/L trans-1,3-Dichloropropene ND 1 0.5 µg/L trans-1,4-Dichloro-2-butene ND 1 0.5 µg/L Trichloroethene ND 1 0.5 µg/L Trichlorofluoromethane ND 1 0.5 µg/L Vinyl Acetate ND 1 0.5 µg/L Vinyl Chloride ND 1 0.5 µg/L Surrogate for Blank % Recovery Control Limits 4-Bromofluorobenzone 88.8 75 - 125	tert-Butylbenzene		ND	1		
Tetrahydrofuran ND 1 20 µg/L Toluene ND 1 0.5 µg/L trans-1,2-Dichloroethene ND 1 0.5 µg/L trans-1,3-Dichloropropene ND 1 0.5 µg/L trans-1,3-Dichloropropene ND 1 0.5 µg/L trans-1,4-Dichloro-2-butene ND 1 1 µg/L Trichloroethene ND 1 0.5 µg/L Trichlorofluoromethane ND 1 0.5 µg/L Vinyl Acetate ND 1 0.5 µg/L Vinyl Chloride ND 1 0.5 µg/L Xylenes, Total ND 1 0.5 µg/L Surrogate for Blank % Recovery Control Limits 4-Bromofluorobenzene 88.8 75 - 125	Tetrachloroethene		ND	1		
Toluene ND 1 0.5 µg/L trans-1,2-Dichloroethene ND 1 0.5 µg/L trans-1,3-Dichloropropene ND 1 0.5 µg/L trans-1,3-Dichloro-2-butene ND 1 0.5 µg/L trans-1,4-Dichloro-2-butene ND 1 0.5 µg/L Trichloroethene ND 1 0.5 µg/L Trichlorofluoromethane ND 1 0.5 µg/L Vinyl Acetate ND 1 0.5 µg/L Vinyl Chloride ND 1 0.5 µg/L Surrogate for Blank % Recovery Control Limits 4-Bromofluorobenzene 88.8 75 - 125	Tetrahydrofuran	6	ND	1	20	
trans-1,2-Dichloroethene ND 1 0.5 µg/L trans-1,3-Dichloropropene ND 1 0.5 µg/L trans-1,3-Dichloropropene ND 1 1 µg/L trans-1,4-Dichloro-2-butene ND 1 1 µg/L Trichloroethene ND 1 0.5 µg/L Trichlorofluoromethane ND 1 0.5 µg/L Vinyl Acetate ND 1 5 µg/L Vinyl Chloride ND 1 0.5 µg/L Xylenes, Total ND 1 0.5 µg/L Surrogate for Blank % Recovery Control Limits Vinyl Acetate Vinyl Acetate	Toluene		ND	1	0.5	
trans-1,3-DichloropropeneND10.5µg/l,trans-1,4-Dichloro-2-buteneND11µg/l.TrichloroetheneND10.5µg/l.TrichlorofluoromethaneND10.5µg/l.Vinyl AcetateND15µg/l.Vinyl AcetateND10.5µg/l.Vinyl ChlorideND10.5µg/l.Xylenes, TotalND10.5µg/l.Surrogate for Blank% Recovery Control Limits4-Bromofluorobenzene88.875 - 125	trans-1,2-Dichloroethene		ND	1	0.5	
trans-1,4-Dichloro-2-buteneND11µg/LTrichloroetheneND10.5µg/LTrichlorofluoromethaneND10.5µg/LVinyl AcetateND15µg/LVinyl AcetateND10.5µg/LVinyl ChlorideND10.5µg/LXylenes, TotalND10.5µg/LSurrogate for Blank% Recovery Control Limits4-Bromofluorobenzene88.875 - 125	trans-1,3-Dichloropropene		ND	1	0.5	
TrichloroetheneND10.5µg/LTrichlorofluoromethaneND10.5µg/LVinyl AcetateND15µg/LVinyl AcetateND10.5µg/LVinyl ChlorideND10.5µg/LXylenes, TotalND10.5µg/LSurrogate for Blank% Recovery Control Limits4-Bromofluorobenzene88.875 - 125	trans-1,4-Dichloro-2-butcne		ND	1		
TrichlorofluoromethaneND10.5μg/LVinyl AcetateND15μg/LVinyl ChlorideND10.5μg/LXylenes, TotalND10.5μg/LSurrogate for Blank% RecoveryControl Limits4-Bromofluorobenzene88.875 - 125	Trichloroethene		ND	1		
Vinyl AcetateND15µg/LVinyl ChlorideND10.5µg/LXylenes, TotalND10.5µg/LSurrogate for Blank% RecoveryControl Limits4-Bromofluorobenzene88.875 - 125	Trichlorofluoromethane		ND	1	0.5	-
Vinyl Chloride ND 1 0.5 µg/L Xylenes, Total ND 1 0.5 µg/L Surrogate for Blank % Recovery Control Limits 4-Bromofluorobenzene 88.8 75 - 125	Vinyl Acetate		ND	1	5	
Xylenes, Total ND 1 0.5 µg/L Surrogate for Blank % Recovery Control Limits 4-Bromofluorobenzene 88.8 75 - 125	Vinyl Chloride		ND	1		
Surrogate for Blank % Recovery Control Limits 4-Bromofluorobenzene 88.8 75 - 125	Xylenes, Total		ND	1		
	Surrogate for Blank % R	ecovery Control Limits				
	4-Bromofluorobenzene	•				
	Dibromofluoromethane	98.7 75 - 125				

2. TOTOTICALLY CONTRACTOR	24-1	10	_	127
Toluene-d8	97.6	75	-	125

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Method Blank

Liquid

Validated by: BDHABALIA - 12/21/04

QC Batch ID: WMS1041217 Analysis Date: 12/17/2004

Method Blank	Meth	od: E	PA	8260	B				
Parameter TPH as Gasoline					Result ND	DF I	PQLR 25	Units µg/L	
Surrogate for Blank 4-Bromofluorobenzene	% Recovery 97,4	Cont 75		Limits 125				re-	
Dibromofluoromethane Toluene-d8	97.8 98.9	75 75	-	125 125			100		

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Quality Control - Laboratory Control Spike / Duplicate Results

Liquid

Reviewed by: BDHABALIA - 12/21/04

QC Batch ID: WMS1041217

Analysis Date: 12/17/2004

LCS Method:	EPA 8260B						C	Conc. Units:	ug/L
Parameter	Black (MDL)	Spike Arat	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	
1,1-Dichloroethene	<0.2	20.0	19.3	LCS	12/17/2004	96.5			80 - 120
Benzenç	<0.2	20.0	20.4	LCS	12/17/2004	102			80 - 120
Chlorobenzene	<0.2	20.0	20.8	LCS	12/17/2004	104			80 - 120
Methyl-t-butyl Ether	<0.3	20.0	17.8	LCS	12/17/2004	89.0			80 - 120
Toluene	<0.2	20.0	19.5	LĊŞ	12/17/2004	97.5			80 - 120
Trichloroethene	<0.2	20.0	19.7	LCS	12/17/2004	98.5			80 - 120
Surrogate	% Recovery	Control Lin	nits			0			
4-Bromofluorobenzene	91.5	75 - 125	5						
Dibromofluoromethane	107	75 - 125	i						
Tolucne-d8	97.1	75 - 125	i						
LCSD Method:	EPA 8260B							onc. Units:	наЛ
Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.2	20.0	19.8	LCSD	12/17/2004	99.0	2.6	25	80 - 120
Benzene	<0.2	20.0	21,4	LCSD	12/17/2004	107	4.8	25	80 - 120
Chlorobenzene	<0.2	20.0	21.9	LCSD	12/17/2004	109	5.2	25	80 - 120
Methyl-t-butyl Ether	<0.3	20.0	20.6	LCSD	12/17/2004	103	14.6	25	80 - 120
Toluene	<0.2	20.0	20.4	LCSD	12/17/2004	102	4.5	25	80 - 120
Trichloroethene	<0.2	20.0	20.9	LCSD	12/17/2004	105	5.9	25	80 - 120
Surrogate	% Recovery	Control Lin	nits						
4-Bromofluorohenzene	90.1	75 - 125							

					-
4-Bromofluorobenzene	90.1	75	-	125	
Dibromofluoromethane	107	75	•	125	
Tolucne-d8	95.9	75	•	125	

LCS Method:	GC-MS								C	onc. Units;	μg/L
Parameter IPH as Gasolin e	Blank (MDL) <6.45	•	ke A 125		SpikeResult 127	QC Type LCS	Analysis Date 12/17/2004	% Recovery 101	RPD	RPD Limits	Recovery Limits 65 - 135
Surrogate	% Recovery	Con	tro	l Limi	ts .		1-1	•			Mar Su.
4-Bromofluorobenzene	99.1	75	-	125							
Dibromofluoromethane	95	75	-	125							
Tolucne-d8	9 9	75		125							

LCSD Method:	GC-MS								С	onc. Units:	μg/L
Parameter TPH as Gasoline	Blank (MDĽ) <6.45		w A 125		SpikeResult 113	QC Type LCSD	Analysis Date 12/17/2004	% Recovery 90.0	RPD 12,0	RPD Limits 25	Recovery Limits 65 - 135
Surrogate	% Recovery	Con	tro	l Lim	its	11013					
4-Bromofluorobenzene	98.1	75	-	125							
Dibromofluoromethane	91.4	75	-	125							
Toluene-d8	99.2	75	-	125							

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please composite of the "SB-1"'s together, the "SB-2"'s with earth other, and then	RELINQUISHED BY: (Signature)	5	RECEIV) EV. (Signature)	PDATE	TIME
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P.65

PES Environmental, Inc.

APPENDIX D

LABORATORY ANALYTICAL REPORT FOR SOIL VAPOR SAMPLES

RECEIVED DEC 28 2004



Fax: (916) 853-8020

December 21, 2004

Mr. Peter Gorman PES Environmental, Inc. 1682 Novato Blvd., Suite 100 Novato, CA 94947

SUBJECT: DATA REPORT - PES ENVIRONMENTAL, INC. PROJECT # 241062001002 6390 Christy Avenue - Emeryville, California

TEG Project # 41215D

Mr. Gorman:

Please find enclosed a data report for the samples analyzed from the above referenced project for PES Environmental. The samples were analyzed on site in TEG's DHS certified mobile laboratory. TEG conducted a total of 12 analyses on 12 soil vapor samples.

-- 12 analyses on soil vapors for volatile organic hydrocarbons by EPA method 8260B.

The results of the analyses are summarized in the enclosed tables. Applicable detection limits and calibration data are included in the tables.

1,1 difluoroethane was used as a leak check compound around the probe rods during the soil vapor sampling. No 1,1 difluoroethane was detected in any of the vapor samples reported at or above the DTSC recommended leak check compound reporting limit of 10 ug/L of vapor.

TEG appreciates the opportunity to have provided analytical services to PES Environmental on this project. If you have any further questions relating to these data or report, please do not hesitate to contact us.

Sincerely,

Mark Jerpbak Director, TEG-Northern California

Mobile and Laboratory Analytical Services Environmental Subconsulting Geochemical R&D Soil Vapor Surveys Air Monitoring

Phone: (916) 853-8010



TEG Project #41215D

EPA METHOD 8260B VOC ANALYSES OF SOIL VAPOR in ug/L of Vapor

SAMPLE NUMBER	?:	Blank	SG-1 @ 2'	SG-2 @ 1'	SG-3 @ 3'	SG-4 @ 3'	SG-5 @ 3'	SG -6 @
SAMPLE DEPTH (feet,):		2.0	1.0	3.0	3.0	3.0	2.0
COLLECTION DATE		12/15/04	12/15/04	12/15/04	12/15/04	12/15/04	12/15/04	12/15/04
COLLECTION TIME	Đ	08:25	09:36	10:00	10:33	11:17	10:57	12:48
DILUTION FACTOR	R: RL	1	1	1	1	5	1	1
Dichlorodifluoromethane	0.10	nd						
Vinyl Chloride	0.10	nd						
Chloroethane	0.10	nd						
Trichlorofluoromethane	0.10	nd						
1,1-Dichloroethene	0.10	nd						
1,1,2-Trichloro-trifluoroethane	0.10	nd						
Methylene Chloride	0.10	nd						
trans-1,2-Dichloroethene	0.10	nd						
Nethyl-t-butyl-ether (MTBE)	0.10	nd						
1,1-Dichloroethane	0.10	nd						
cis-1,2-Dichloroethene	0.10	nd	nd	nd	nd	nd	nd	0.15
Chloroform	0.10	nd						
1,1,1-Trichloroethane	0.10	nd						
Carbon Tetrachloride	0.10	nd						
1,2-Dichloroethane	0.10	nd						
Benzene	0.10	nd	nd	nd	nd	5.5	nd	nd
Trichloroethene	0.10	nd						
Toluene	0.10	nd						
1,1,2-Trichloroethane	0.10	nd						
Tetrachloroethene	0.10	nd						
Ethylbenzene	0.10	nd	nd	nd	nd	1.1	nd	nd
1,1,1,2-Tetrachloroethane	0.10	nd						
m,p-Xylene	0.10	nd	nd	nd	nd	1.4	nd	0.10
o-Xylene	0.10	nd						
1,1,2,2-Tetrachloroethane	0.10	nd						
ТРН	5.0	nd	6.8	nd	9.3	830	8.8	8.3
Surrogate Recovery (DBFM) Surrogate Recovery (1,2-DCA-d4) Surrogate Recovery (Toluene-d8)		103% 105% 107%	103% 106% 103%	102% 105% 102%	102% 105% 104%	104% 110% 103%	104% 105% 103%	102% 106% 102%

'RL' REPORTING LIMIT

'nd' NOT DETECTED AT LISTED REPORTING LIMITS

ANALYSES PERFORMED IN TEG-Northern California's LAB ANALYSES PERFORMED BY: Mr. Leif Jonsson

page 1

11350 Monier Park Place, Rancho Cordova, CA 95742

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Fax: (916) 853-8020



TEG Project #41215D

EPA METHOD 8260B VOC ANALYSES OF SOIL VAPOR in ug/L of Vapor

SAMPLE NUMBER	? ;	SG-7 @ 2'	SG-8 @ 3'	SG-9 @ 2'	SG-10 @ 2'	SG-11 @ 2'	SG-12 @ 2'
SAMPLE DEPTH (feet):	2.0	3.0	2.0	2.0	2.0	2.0
COLLECTION DATE	Ξ:	12/15/04	12/15/04	12/15/04	12/15/04	12/15/04	12/15/04
COLLECTION TIME		13:59	13:30	11:56	14:20	14:43	15:05
DILUTION FACTOR	R: RL	1	1	1	1	1	1
Dichlorodifluoromethane	0.10	nd	nd	nd	nd	nd	nd
Vinyl Chloride	0.10	nd	nd	nd	nd	nd	nd
Chloroethane	0.10	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	0.10	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.10	nd	nd	nd	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	0.10	nd	nd	nd	nd	nd	nd
Methylene Chloride	0.10	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.10	nd	nd	nd	nd	nd	nd
Methyl-t-butyl-ether (MTBE)	0.10	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.10	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.10	nd -	nd	nd	nd	nd	nd
Chloroform	0.10	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	0.10	nd	nd	nd	nd	nd	nd
Carbon Tetrachloride	0.10	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane	0.10	nd	nd	nd	nd	nd	nd
Benzene	0.10	nd	0.20	nd	0.13	0.34	0.13
Trichloroethene	0.10	nd	nd	nd	nd	nd	nd
Toluene	0.10	nd	0.11	0.10	0.12	0.29	1.4
1,1,2-Trichloroethane	0.10	nd	nd	nd	nd	nd	nd
Tetrachloroethene	0.10	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.10	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.10	nd	nd	nd	nd	nd	nd
m,p-Xylene	0.10	0.11	0.11	0.12	nd	0.11	nd
o-Xylene	0.10	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	0.10	nd	nd	nd	nd	nd	nd
ТРН	5.0	6.7	76	nd	31	380	5.6
Surrogate Recovery (DBFM) Surrogate Recovery (1,2-DCA-d4) Surrogate Recovery (Toluene-d8)		101% 106% 105%	102% 114% 106%	104% 107% 104%	104% 110% 106%	103% 114% 108%	103% 107% 104%

'RL' REPORTING LIMIT

'nd' NOT DETECTED AT LISTED REPORTING LIMITS

ANALYSES PERFORMED IN TEG-Northern California's LAB ANALYSES PERFORMED BY: Mr. Leif Jonsson

page 2

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TEG PROJECT #41215D

CALIBRATION STANDARDS - Initial Calibration / LCS

Instrument: Agilent 5973N MSD					
COMPOUND	INITIAL CALIBRATION		LCS		
	RF	%RSD	RF	%DIFF	
Dichlorodifluoromethane*	0.690	14.4%	0.633	8.3%	
Vinyl Chloride*	1.101	6.3%	1.105	0.4%	
Chloroethane*	0.551	27.8%	0.686	24.5%	
Trichlorofluoromethane*	1.399	6.3%	1.514	8.2%	
1,1-Dichloroethene	1.112	10.7%	1.124	1.1%	
1,1,2-Trichloro-trifluoroethane*	1.097	10.3%	1.124	2.5%	
Methylene Chloride	1.248	8.5%	1.254	0.5%	
trans-1,2-Dichloroethene	1.312	7.8%	1.373	4.6%	
Methyl-t-butyl-ether (MTBE)	2.398	8.1%	2.202	8.2%	
1,1-Dichloroethane	2.582	7.8%	2.675	3.6%	
cis-1,2-Dichloroethene	1.382	9.0%	1.440	4.2%	
Chloroform	2.192	7.9%	2.247	2.5%	
1,1,1-Trichloroethane	1.997	7.1%	2.087	4.5%	
Carbon Tetrachloride	1.603	7.6%	1.726	7.7%	
1,2-Dichloroethane	1.646	9.4%	1.624	1.3%	
Benzene	5.378	9.3%	5.541	3.0%	
Trichloroethene	1.409	8.1%	1.448	2.8%	
Toluene	3.457	14.2%	3.433	0.7%	
1,1,2-Trichloroethane	0.789	9.3%	0.761	3.5%	
Tetrachloroethene	1.641	6.6%	1.783	8.7%	
Ethylbenzene	2.778	8.6%	2.999	8.0%	
1,1,1,2-Tetrachloroethane	1.688	8.3%	1.797	6.5%	
m,p-Xylene	3.237	10.2%	3.427	5.9%	
o-Xylene	3.069	9.9%	3.241	5.6%	
1,1,2,2-Tetrachloroethane	2.905	7.3%	2.823	2.8%	

ACCEPTABLE LIMITS:

20.0%

15.0%

**' INDICATES RSD NOT TO EXCEED 30% & LCS NOT TO EXCEED 25%

ANALYSES PERFORMED IN TEG-Northern California's LAB ANALYSES PERFORMED BY: Mr. Leif Jonsson



TEG PROJECT #41215D

Continuing Calibration

		12/15/04 Daily Midpoint	
	INITIAL		
COMPOUND	RF	RF	%DIFF
1,1-Dichloroethene	1.112	1.029	7.5%
trans-1,2-Dichloroethene	1.312	1.333	1.6%
1,1-Dichloroethane	2.582	2.591	0.3%
cis-1,2-Dichloroethene	1.382	1.424	3.0%
1,1,1-Trichloroethane	1.997	2.101	5.2%
1,2-Dichloroethane	1.646	1.616	1.8%
Benzene	5.378	5.469	1.7%
Trichloroethene	1.409	1.521	7.9%
Toluene	3.457	3.477	0.6%
1,1,2-Trichloroethane	0.789	0.782	0.9%
Tetrachloroethene	1.641	1.805	10.0%
m,p-Xylene	3.237	3.512	8.5%
o-Xylene	3.069	3.315	8.0%

ANALYSES PERFORMED IN TEG-Northern California's LAB ANALYSES PERFORMED BY: Mr. Leif Jonsson